



# Mold and Human Health: a Reality Check

Clinical Reviews in Allergy & Immunology

June 2017, Volume 52, Issue 3, pp 305–322 | Cite as

- Andrea T. Borchers (1)
- Christopher Chang (1)
- M. Eric Gershwin (1) Email author (megershwin@ucdavis.edu)

1. Division of Rheumatology, Allergy and Clinical Immunology, Davis School of Medicine, University of California, Davis, USA

Article

First Online: 16 March 2017

- [1 Citations](#)
- [3 Shares](#)

## Abstract

There are possibly millions of mold species on earth. The vast majority of these mold spores live in harmony with humans, rarely causing disease. The rare species that does cause disease does so by triggering allergies or asthma, or may be involved in hypersensitivity diseases such as allergic bronchopulmonary aspergillosis or allergic fungal sinusitis. Other hypersensitivity diseases include those related to occupational or domiciliary exposures to certain mold species, as in the case of Pigeon Breeder's disease, Farmer's lung, or humidifier fever. The final proven category of fungal diseases is through infection, as in the case of onychomycosis or coccidiomycosis. These diseases can be treated using anti-fungal agents. Molds and fungi can also be particularly important in infections that occur in immunocompromised patients. Systemic candidiasis does not occur unless the individual is immunodeficient. Previous reports of "toxic mold syndrome" or "toxic black mold" have been shown to be no more than media hype and mass hysteria, partly stemming from the misinterpreted concept of the "sick building syndrome." There is no scientific evidence that exposure to visible black mold in apartments and buildings can lead to the vague and subjective symptoms of memory loss, inability to focus, fatigue, and headaches that were reported by people who erroneously believed that they were suffering from "mycotoxicosis." Similarly, a causal relationship between cases of infant pulmonary hemorrhage and exposure to "black mold" has never been proven. Finally, there is no evidence of a link between autoimmune disease and mold exposure.

## Keywords

Fungi Hypersensitivity pneumonitis Asthma Allergic rhinitis  
 Allergic bronchopulmonary aspergillosis Allergic fungal sinusitis Mycotoxins  
 Mycotoxicosis Sick building syndrome

## References

1. Blackwell M (Mar 2011) The fungi: 1, 2, 3 ... 5.1 million species? *Am J Bot* 98(3):426–438  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21613136) ([CrossRef](https://doi.org/10.3732/ajb.1000298))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%20fungi%3A%201%2C%202%2C%203%20...%205.1%20million%20species%3F&author=M.%20Blackwell&journal=Am%20J%20Bot&volume=98&issue=3&pages=426-438&publication_year=2011)
2. Tedersoo L, Bahram M, Ryberg M, Otsing E, Koljalg U, Abarenkov K (2014) Global biogeography of the ectomycorrhizal/sebacina lineage (fungi, Sebacinales) as revealed from comparative phylogenetic analyses. *Mol Ecol* 23(16):4168–4183  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24981058) ([CrossRef](https://doi.org/10.1111/mec.12849))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Global%20biogeography%20of%20the%20ectomycorrhizal%2Fsebacina%20lineage%20%28fungi%2C%20Sebacinales%29%20as%20revealed%20from%20comparative%20phylogenetic%20analyses&author=L.%20Tedersoo&author=M.%20Bahram&author=M.%20Ryberg&author=E.%20Otsing&author=U.%20Koljalg&author=K.%20Abarenkov&journal=Mol%20Ecol&volume=23&issue=16&pages=4168-4183&publication_year=2014)
3. Eduard W (2009) Fungal spores: a critical review of the toxicological and epidemiological evidence as a basis for occupational exposure limit setting. *Crit Rev Toxicol* 39(10):799–864  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19863384) ([CrossRef](https://doi.org/10.3109/10408440903307333))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Fungal%20spores%3A%20a%20critical%20review%20of%20the%20toxicological%20and%20epidemiological%20evidence%20as%20a%20basis%20for%20occupational%20exposure%20limit%20setting&author=W.%20Eduard&journal=Crit%20Rev%20Toxicol&volume=39&issue=10&pages=799-864&publication_year=2009)
4. Chew GL, Rogers C, Burge HA, Muilenberg ML, Gold DR (2003) Dustborne and airborne fungal propagules represent a different spectrum of fungi with differing relations to home characteristics. *Allergy* 58(1):13–20  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12580801)

- CrossRef (<https://doi.org/10.1034/j.1398-9995.2003.00013.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Dustborne%20and%20airborne%20fungal%20propagules%20represent%20a%20different%20spectrum%20of%20fungi%20with%20differing%20relations%20to%20home%20characteristics&author=GL.%20Chew&author=C.%20Rogers&author=HA.%20Burge&author=ML.%20Muilenberg&author=DR.%20Gold&journal=Allergy&volume=58&issue=1&pages=13-20&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Dustborne%20and%20airborne%20fungal%20propagules%20represent%20a%20different%20spectrum%20of%20fungi%20with%20differing%20relations%20to%20home%20characteristics&author=GL.%20Chew&author=C.%20Rogers&author=HA.%20Burge&author=ML.%20Muilenberg&author=DR.%20Gold&journal=Allergy&volume=58&issue=1&pages=13-20&publication_year=2003))
5. Dallongeville A, Le Cann P, Zmirou-Navier D et al (2015) Concentration and determinants of molds and allergens in indoor air and house dust of French dwellings. *Sci Total Environ* 536:964–972  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26094801](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26094801))  
CrossRef (<https://doi.org/10.1016/j.scitotenv.2015.06.039>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Concentration%20and%20determinants%20of%20molds%20and%20allergens%20in%20indoor%20air%20and%20house%20dust%20of%20French%20dwellings&author=A.%20Dallongeville&author=P.%20Le%20Cann&author=D.%20Zmirou-Navier&journal=Sci%20Total%20Environ&volume=536&pages=964-972&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Concentration%20and%20determinants%20of%20molds%20and%20allergens%20in%20indoor%20air%20and%20house%20dust%20of%20French%20dwellings&author=A.%20Dallongeville&author=P.%20Le%20Cann&author=D.%20Zmirou-Navier&journal=Sci%20Total%20Environ&volume=536&pages=964-972&publication_year=2015))
6. Dassonville C, Demattei C, Detaint B, Barral S, Bex-Capelle V, Momas I (2008) Assessment and predictors determination of indoor airborne fungal concentrations in Paris newborn babies' homes. *Environ Res* 108(1):80–85  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18571639](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18571639))  
CrossRef (<https://doi.org/10.1016/j.envres.2008.04.006>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Assessment%20and%20predictors%20determination%20of%20indoor%20airborne%20fungal%20concentrations%20in%20Paris%20newborn%20babies%E2%80%99%20homes&author=C.%20Dassonville&author=C.%20Demattei&author=B.%20Detaint&author=S.%20Barral&author=V.%20Bex-Capelle&author=I.%20Momas&journal=Environ%20Res&volume=108&issue=1&pages=80-85&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Assessment%20and%20predictors%20determination%20of%20indoor%20airborne%20fungal%20concentrations%20in%20Paris%20newborn%20babies%E2%80%99%20homes&author=C.%20Dassonville&author=C.%20Demattei&author=B.%20Detaint&author=S.%20Barral&author=V.%20Bex-Capelle&author=I.%20Momas&journal=Environ%20Res&volume=108&issue=1&pages=80-85&publication_year=2008))
7. Rosenbaum PF, Crawford JA, Anagnos SE et al (2010) Indoor airborne fungi and wheeze in the first year of life among a cohort of infants at risk for asthma. *J Expo Sci Environ Epidemiol* 20(6):503–515  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19536075](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19536075))  
CrossRef (<https://doi.org/10.1038/jes.2009.27>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Indoor%20airborne%20fungi%20and%20wheeze%20in%20the%20first%20year%20of%20life%20among%20a%20cohort%20of%20infants%20at%20risk%20for%20asthma&author=PF.%20Rosenbaum&author=JA.%20Crawford&author=SE.%20Anagnos&journal=J%20Expo%20Sci%20Environ%20Epidemiol&volume=20&issue=6&pages=503-515&publication\\_year=2010](http://scholar.google.com/scholar_lookup?title=Indoor%20airborne%20fungi%20and%20wheeze%20in%20the%20first%20year%20of%20life%20among%20a%20cohort%20of%20infants%20at%20risk%20for%20asthma&author=PF.%20Rosenbaum&author=JA.%20Crawford&author=SE.%20Anagnos&journal=J%20Expo%20Sci%20Environ%20Epidemiol&volume=20&issue=6&pages=503-515&publication_year=2010))
8. Simoni M, Cai GH, Norback D et al (2011) Total viable molds and fungal DNA in classrooms and association with respiratory health and pulmonary function of European schoolchildren. *Pediatr Allergy Immunol* 22(8):843–852

- PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=22122789](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=22122789))  
CrossRef (<https://doi.org/10.1111/j.1399-3038.2011.01208.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Total%20viable%20molds%20and%20fungal%20DNA%20in%20classrooms%20and%20association%20with%20respiratory%20health%20and%20pulmonary%20function%20of%20European%20schoolchildren&author=M.%20Simoni&author=GH.%20Cai&author=D.%20Norback&journal=Pediatr%20Allergy%20Immuno&volume=22&issue=8&pages=843-852&publication\\_year=2011](http://scholar.google.com/scholar_lookup?title=Total%20viable%20molds%20and%20fungal%20DNA%20in%20classrooms%20and%20association%20with%20respiratory%20health%20and%20pulmonary%20function%20of%20European%20schoolchildren&author=M.%20Simoni&author=GH.%20Cai&author=D.%20Norback&journal=Pediatr%20Allergy%20Immuno&volume=22&issue=8&pages=843-852&publication_year=2011))
9. Green BJ, Sercombe JK, Tovey ER (2005) Fungal fragments and undocumented conidia function as new Aeroallergen sources. *J Allergy Clin Immunol* 115(5):1043–1048  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15867864](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15867864))  
CrossRef (<https://doi.org/10.1016/j.jaci.2005.02.009>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20fragments%20and%20undocumented%20conidia%20function%20as%20new%20aeroallergen%20sources&author=BJ.%20Green&author=JK.%20Sercombe&author=ER.%20Tovey&journal=J%20Allergy%20Clin%20Immunol&volume=115&issue=5&pages=1043-1048&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Fungal%20fragments%20and%20undocumented%20conidia%20function%20as%20new%20aeroallergen%20sources&author=BJ.%20Green&author=JK.%20Sercombe&author=ER.%20Tovey&journal=J%20Allergy%20Clin%20Immunol&volume=115&issue=5&pages=1043-1048&publication_year=2005))
10. Brasel TL, Martin JM, Carriker CG, Wilson SC, Straus DC (2005) Detection of airborne Stachybotrys chartarum macrocyclic trichothecene mycotoxins in the indoor environment. *Appl Environ Microbiol* 71(11):7376–7388  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=16269780](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16269780))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1287651>)  
CrossRef (<https://doi.org/10.1128/AEM.71.11.7376-7388.2005>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Detection%20of%20airborne%20Stachybotrys%20chartarum%20macrocyclic%20trichothecene%20mycotoxins%20in%20the%20indoor%20environment&author=TL.%20Brasel&author=JM.%20Martin&author=CG.%20Carriker&author=SC.%20Wilson&author=DC.%20Straus&journal=Appl%20Environ%20Microbiol&volume=71&issue=11&pages=7376-7388&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Detection%20of%20airborne%20Stachybotrys%20chartarum%20macrocyclic%20trichothecene%20mycotoxins%20in%20the%20indoor%20environment&author=TL.%20Brasel&author=JM.%20Martin&author=CG.%20Carriker&author=SC.%20Wilson&author=DC.%20Straus&journal=Appl%20Environ%20Microbiol&volume=71&issue=11&pages=7376-7388&publication_year=2005))
11. Reponen T, Seo SC, Grimsley F, Lee T, Crawford C, Grinshpun SA (2007) Fungal fragments in moldy houses: a field study in homes in New Orleans and southern Ohio. *Atmos Environ* (1994) 41(37):8140–8149  
CrossRef (<https://doi.org/10.1016/j.atmosenv.2007.06.027>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20fragments%20in%20moldy%20houses%3A%20a%20field%20study%20in%20homes%20in%20New%20Orleans%20and%20southern%20Ohio&author=T.%20Reponen&author=SC.%20Seo&author=F.%20Grimsley&author=T.%20Lee&author=C.%20Crawford&author=SA.%20Grinshpun&journal=Atmos%20Environ%20%281994%29&volume=41&issue=37&pages=8140-8149&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Fungal%20fragments%20in%20moldy%20houses%3A%20a%20field%20study%20in%20homes%20in%20New%20Orleans%20and%20southern%20Ohio&author=T.%20Reponen&author=SC.%20Seo&author=F.%20Grimsley&author=T.%20Lee&author=C.%20Crawford&author=SA.%20Grinshpun&journal=Atmos%20Environ%20%281994%29&volume=41&issue=37&pages=8140-8149&publication_year=2007))
12. Meklin T, Reponen T, McKinstry C et al (2007) Comparison of mold concentrations quantified by MSQPCR in indoor and outdoor air sampled simultaneously. *Sci Total Environ* 382(1):130–134

- PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17467772](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17467772))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2233941>)  
CrossRef (<https://doi.org/10.1016/j.scitotenv.2007.03.031>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Comparison%20of%20mold%20concentrations%20quantified%20by%20M SQPCR%20in%20indoor%20and%20outdoor%20air%20sampled%20simultaneo usly&author=T.%20Meklin&author=T.%20Reponen&author=C.%20McKinstry&j ournal=Sci%20Total%20Environ&volume=382&issue=1&pages=130-134&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Comparison%20of%20mold%20concentrations%20quantified%20by%20M SQPCR%20in%20indoor%20and%20outdoor%20air%20sampled%20simultaneo usly&author=T.%20Meklin&author=T.%20Reponen&author=C.%20McKinstry&j ournal=Sci%20Total%20Environ&volume=382&issue=1&pages=130-134&publication_year=2007))
13. Lignell U, Meklin T, Rintala H et al (2008) Evaluation of quantitative PCR and culture methods for detection of house dust fungi and streptomycetes in relation to moisture damage of the house. *Lett Appl Microbiol* 47(4):303–308  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19241524](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19241524))  
CrossRef (<https://doi.org/10.1111/j.1472-765X.2008.02431.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Evaluation%20of%20quantitative%20PCR%20and%20culture%20methods%20for%20detection%20of%20house%20dust%20fungi%20and%20streptomyces%20in%20relation%20to%20moisture%20damage%20of%20the%20house&author=U.%20Lignell&author=T.%20Meklin&author=H.%20Rintala&journal=Lett%20Appl%20Microbiol&volume=47&issue=4&pages=303-308&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Evaluation%20of%20quantitative%20PCR%20and%20culture%20methods%20for%20detection%20of%20house%20dust%20fungi%20and%20streptomyces%20in%20relation%20to%20moisture%20damage%20of%20the%20house&author=U.%20Lignell&author=T.%20Meklin&author=H.%20Rintala&journal=Lett%20Appl%20Microbiol&volume=47&issue=4&pages=303-308&publication_year=2008))
14. Pitkaranta M, Meklin T, Hyvarinen A et al (2008) Analysis of fungal flora in indoor dust by ribosomal DNA sequence analysis, quantitative PCR, and culture. *Appl Environ Microbiol* 74(1):233–244  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17981947](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17981947))  
CrossRef (<https://doi.org/10.1128/AEM.00692-07>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Analysis%20of%20fungal%20flora%20in%20indoor%20dust%20by%20ribosomal%20DNA%20sequence%20analysis%2C%20quantitative%20PCR%2C%20and%20culture&author=M.%20Pitkaranta&author=T.%20Meklin&author=A.%20Hyvarinen&journal=Appl%20Environ%20Microbiol&volume=74&issue=1&pages=233-244&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Analysis%20of%20fungal%20flora%20in%20indoor%20dust%20by%20ribosomal%20DNA%20sequence%20analysis%2C%20quantitative%20PCR%2C%20and%20culture&author=M.%20Pitkaranta&author=T.%20Meklin&author=A.%20Hyvarinen&journal=Appl%20Environ%20Microbiol&volume=74&issue=1&pages=233-244&publication_year=2008))
15. Pitkaranta M, Meklin T, Hyvarinen A et al (2011) Molecular profiling of fungal communities in moisture damaged buildings before and after remediation—a comparison of culture-dependent and culture-independent methods. *BMC Microbiol* 11:235  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=22017920](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=22017920))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3206440>)  
CrossRef (<https://doi.org/10.1186/1471-2180-11-235>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Molecular%20profiling%20of%20fungal%20communities%20in%20moisture-damaged%20buildings%20before%20and%20after%20remediation%20and%20comparison%20of%20culture-dependent%20and%20culture-independent%20methods&author=M.%20Pitkaranta&author=T.%20Meklin&aut](http://scholar.google.com/scholar_lookup?title=Molecular%20profiling%20of%20fungal%20communities%20in%20moisture-damaged%20buildings%20before%20and%20after%20remediation%20and%20comparison%20of%20culture-dependent%20and%20culture-independent%20methods&author=M.%20Pitkaranta&author=T.%20Meklin&aut)

- hor=A.%20Hyvarinen&journal=BMC%20Microbiol&volume=11&pages=235&publication\_year=2011)
16. Crameri R (2011) The problem of cross-reactivity in the diagnosis of fungal allergy. *Clin Exp Allergy* 41(3):302–304  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21294784) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21294784](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21294784))  
[CrossRef](https://doi.org/10.1111/j.1365-2222.2011.03703.x) (<https://doi.org/10.1111/j.1365-2222.2011.03703.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%20problem%20of%20cross-reactivity%20in%20the%20diagnosis%20of%20fungal%20allergy&author=R.%20Crameri&journal=Clin%20Exp%20Allergy&volume=41&issue=3&pages=302-304&publication_year=2011) ([http://scholar.google.com/scholar\\_lookup?title=The%20problem%20of%20cross-reactivity%20in%20the%20diagnosis%20of%20fungal%20allergy&author=R.%20Crameri&journal=Clin%20Exp%20Allergy&volume=41&issue=3&pages=302-304&publication\\_year=2011](http://scholar.google.com/scholar_lookup?title=The%20problem%20of%20cross-reactivity%20in%20the%20diagnosis%20of%20fungal%20allergy&author=R.%20Crameri&journal=Clin%20Exp%20Allergy&volume=41&issue=3&pages=302-304&publication_year=2011))
17. Green BJ, Tovey ER, Beezhold DH et al (2009) Surveillance of fungal allergic sensitization using the fluorescent halogen immunoassay. *J Mycol Med* 19(4):253–261  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=20495612) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=20495612](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=20495612))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2872482) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2872482>)  
[CrossRef](https://doi.org/10.1016/j.mycmed.2009.10.003) (<https://doi.org/10.1016/j.mycmed.2009.10.003>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Surveillance%20of%20fungal%20allergic%20sensitization%20using%20the%20fluorescent%20halogen%20immunoassay&author=BJ.%20Green&author=E.R.%20Tovey&author=DH.%20Beezhold&journal=J%20Mycol%20Med&volume=19&issue=4&pages=253-261&publication_year=2009) ([http://scholar.google.com/scholar\\_lookup?title=Surveillance%20of%20fungal%20allergic%20sensitization%20using%20the%20fluorescent%20halogen%20immunoassay&author=BJ.%20Green&author=E.R.%20Tovey&author=DH.%20Beezhold&journal=J%20Mycol%20Med&volume=19&issue=4&pages=253-261&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Surveillance%20of%20fungal%20allergic%20sensitization%20using%20the%20fluorescent%20halogen%20immunoassay&author=BJ.%20Green&author=E.R.%20Tovey&author=DH.%20Beezhold&journal=J%20Mycol%20Med&volume=19&issue=4&pages=253-261&publication_year=2009))
18. Beezhold DH, Green BJ, Blachere FM et al (2008) Prevalence of allergic sensitization to indoor fungi in West Virginia. *Allergy Asthma Proc* 29(1):29–34  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18302835) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18302835](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18302835))  
[CrossRef](https://doi.org/10.2500/aap2008.29.3076) (<https://doi.org/10.2500/aap2008.29.3076>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Prevalence%20of%20allergic%20sensitization%20to%20indoor%20fungi%20in%20West%20Virginia&author=DH.%20Beezhold&author=BJ.%20Green&author=FM.%20Blachere&journal=Allergy%20Asthma%20Proc&volume=29&issue=1&pages=29-34&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Prevalence%20of%20allergic%20sensitization%20to%20indoor%20fungi%20in%20West%20Virginia&author=DH.%20Beezhold&author=BJ.%20Green&author=FM.%20Blachere&journal=Allergy%20Asthma%20Proc&volume=29&issue=1&pages=29-34&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Prevalence%20of%20allergic%20sensitization%20to%20indoor%20fungi%20in%20West%20Virginia&author=DH.%20Beezhold&author=BJ.%20Green&author=FM.%20Blachere&journal=Allergy%20Asthma%20Proc&volume=29&issue=1&pages=29-34&publication_year=2008))
19. Szewzyk R, Becker K, Hunkem A, Pick-Fus H, Kolossa-Gehring M. Bundesumweltamt. Kinder-Umwelt-Survey (KUS) 2003/06. Sensibilisierungen Gegenuber Innenraumschimmelpilzen (German environmental survey for children 2003/06. Sensitization towards indoor molds). *Dessau-Roßlau, Germany. Bundesumweltamt (Federal Environment Agency)*. 2011.  
[Google Scholar](https://doi.org/10.1007/978-3-642-20030-6_1) ([https://doi.org/10.1007/978-3-642-20030-6\\_1](https://doi.org/10.1007/978-3-642-20030-6_1))  
q=Szewzyk%20R%20Becker%20K%20Hunkem%20A%20Pick-Fus%20H%20Kolossa-Gehring%20M.%20Bundesumweltamt.%20Kinder-Umwelt-Survey%20%28KUS%29%202003%2F06.%20Sensibilisierungen%20Gegenuber%20Innenraumschimmelpilzen%20%28German%20environmental%20survey%20of%20children%202003%2F06.%20Sensitization%20towards%20indoor%20molds%29.%20Dessau-

Roblau%2C%20Germany.%20Bundesumweltamt%20%28Federal%20Environment%20Agency%29.%202011.)

20. Bousquet PJ, Chinn S, Janson C, Kogevinas M, Burney P, Jarvis D (2007) Geographical variation in the prevalence of positive skin tests to environmental aeroallergens in the European Community respiratory health survey I. Allergy 62(3):301–309  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17298348) (<https://doi.org/10.1111/j.1398-9995.2006.01293.x>)  
[CrossRef](http://scholar.google.com/scholar_lookup?title=Geographical%20variation%20in%20the%20prevalence%20of%20positive%20skin%20tests%20to%20environmental%20aeroallergens%20in%20the%20European%20Community%20respiratory%20health%20survey%20I&author=PJ.%20Bousquet&author=S.%20Chinn&author=C.%20Janson&author=M.%20Kogevinas&author=P.%20Burney&author=D.%20Jarvis&journal=Allergy&volume=62&issue=3&pages=301-309&publication_year=2007)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Geographical%20variation%20in%20the%20prevalence%20of%20positive%20skin%20tests%20to%20environmental%20aeroallergens%20in%20the%20European%20Community%20respiratory%20health%20survey%20I&author=PJ.%20Bousquet&author=S.%20Chinn&author=C.%20Janson&author=M.%20Kogevinas&author=P.%20Burney&author=D.%20Jarvis&journal=Allergy&volume=62&issue=3&pages=301-309&publication_year=2007) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17298348](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17298348))
21. Chu LM, Rennie DC, Cockcroft DW et al (2014) Prevalence and determinants of atopy and allergic diseases among school-age children in rural Saskatchewan Canada. Ann Allergy Asthma Immunol. 113(4):430–439  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25129487) (<https://doi.org/10.1016/j.anai.2014.07.003>)  
[CrossRef](http://scholar.google.com/scholar_lookup?title=Prevalence%20and%20determinants%20of%20atopy%20and%20allergic%20diseases%20among%20school-age%20children%20in%20rural%20Saskatchewan%20Canada&author=LM.%20Chu&author=DC.%20Rennie&author=DW.%20Cockcroft&journal=Ann%20Allergy%20Asthma%20Immunol.&volume=113&issue=4&pages=430-439&publication_year=2014)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Prevalence%20and%20determinants%20of%20atopy%20and%20allergic%20diseases%20among%20school-age%20children%20in%20rural%20Saskatchewan%20Canada&author=LM.%20Chu&author=DC.%20Rennie&author=DW.%20Cockcroft&journal=Ann%20Allergy%20Asthma%20Immunol.&volume=113&issue=4&pages=430-439&publication_year=2014) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25129487](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25129487))
22. Kesphol S, Maryska S, Zahradník E, Sander I, Bruning T, Raulf-Heimsoth M (2013) Biochemical and immunological analysis of mould skin prick test solution: current status of standardization. Clin Exp Allergy 43(11):1286–1296  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24152161) (<https://doi.org/10.1111/cea.12186>)  
[CrossRef](http://scholar.google.com/scholar_lookup?title=Biochemical%20and%20immunological%20analysis%20of%20mould%20skin%20prick%20test%20solution%3A%20current%20status%20of%20standardization&author=S.%20Kesphol&author=S.%20Maryska&author=E.%20Zahradník&author=I.%20Sander&author=T.%20Bruning&author=M.%20Raulf-Heimsoth&journal=Clin%20Exp%20Allergy&volume=43&issue=11&pages=1286-1296&publication_year=2013)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Biochemical%20and%20immunological%20analysis%20of%20mould%20skin%20prick%20test%20solution%3A%20current%20status%20of%20standardization&author=S.%20Kesphol&author=S.%20Maryska&author=E.%20Zahradník&author=I.%20Sander&author=T.%20Bruning&author=M.%20Raulf-Heimsoth&journal=Clin%20Exp%20Allergy&volume=43&issue=11&pages=1286-1296&publication_year=2013) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=24152161](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24152161))
23. Chowdhary A, Agarwal K, Kathuria S, Gaur SN, Randhawa HS, Meis JF (2014) Allergic bronchopulmonary mycosis due to fungi other than Aspergillus: a global overview. Crit Rev Microbiol 40(1):30–48  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23383677) (<https://doi.org/10.3109/1040841X.2012.754401>)  
[CrossRef](http://scholar.google.com/scholar_lookup?title=Allergic%20bronchopulmonary%20mycosis%20due%20to%20fungi%20other%20than%20Aspergillus%3A%20a%20global%20overview&author=A.%20Chowdhary&author=K.%20Agarwal&author=S.%20Kathuria&author=SN.%20Gaur&author=HS.%20Randhawa&author=JF.%20Meis&journal=Crit%20Rev%20Microbiol&volume=40&issue=1&pages=30-48&publication_year=2014)

- Google Scholar ([http://scholar.google.com/scholar\\_lookup?title>Allergic%20bronchopulmonary%20mycosis%20due%20to%20fungi%20other%20than%20Aspergillus%3A%20a%20global%20overview&author=A.%20Chowdhary&author=K.%20Agarwal&author=S.%20Kathuria&author=SN.%20Gaur&author=HS.%20Randhawa&author=JF.%20Meis&journal=Crit%20Rev%20Microbiol&volume=40&issue=1&pages=30-48&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title>Allergic%20bronchopulmonary%20mycosis%20due%20to%20fungi%20other%20than%20Aspergillus%3A%20a%20global%20overview&author=A.%20Chowdhary&author=K.%20Agarwal&author=S.%20Kathuria&author=SN.%20Gaur&author=HS.%20Randhawa&author=JF.%20Meis&journal=Crit%20Rev%20Microbiol&volume=40&issue=1&pages=30-48&publication_year=2014))
24. WHO. *Guidelines for indoor air quality. Dampness and mould*. Copenhagen, Denmark 2009.  
Google Scholar (<https://scholar.google.com/scholar?q=WHO.%20Guidelines%20for%20indoor%20air%20quality.%20Dampness%20and%20mould.%20Copenhagen%2C%20Denmark%202009.>)
25. Denning DW, Pashley C, Hartl D et al (2014) Fungal allergy in asthma-state of the art and research needs. *Clin Transl Allergy* 4:14  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=24735832](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24735832))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4005466>)  
CrossRef (<https://doi.org/10.1186/2045-7022-4-14>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20allergy%20in%20asthma-state%20of%20the%20art%20and%20research%20needs&author=DW.%20Denning&author=C.%20Pashley&author=D.%20Hartl&journal=Clin%20Transl%20Allergy&volume=4&pages=14&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Fungal%20allergy%20in%20asthma-state%20of%20the%20art%20and%20research%20needs&author=DW.%20Denning&author=C.%20Pashley&author=D.%20Hartl&journal=Clin%20Transl%20Allergy&volume=4&pages=14&publication_year=2014))
26. Badiie P, Hashemizadeh Z (2014) Opportunistic invasive fungal infections: diagnosis & clinical management. *Indian J Med Res* 139(2):195–204  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=24718393](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24718393))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4001330>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Opportunistic%20invasive%20fungal%20infections%3A%20diagnosis%20and%20clinical%20management&author=P.%20Badiie&author=Z.%20Hashemizadeh&journal=Indian%20J%20Med%20Res&volume=139&issue=2&pages=195-204&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Opportunistic%20invasive%20fungal%20infections%3A%20diagnosis%20and%20clinical%20management&author=P.%20Badiie&author=Z.%20Hashemizadeh&journal=Indian%20J%20Med%20Res&volume=139&issue=2&pages=195-204&publication_year=2014))
27. Vacher G, Niculita-Hirzel H, Roger T (2015) Immune responses to airborne fungi and non-invasive airway diseases. *Semin Immunopathol* 37(2):83–96  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25502371](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25502371))  
CrossRef (<https://doi.org/10.1007/s00281-014-0471-3>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Immune%20responses%20to%20airborne%20fungi%20and%20non-invasive%20airway%20diseases&author=G.%20Vacher&author=H.%20Niculita-Hirzel&author=T.%20Roger&journal=Semin%20Immunopathol&volume=37&issue=2&pages=83-96&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Immune%20responses%20to%20airborne%20fungi%20and%20non-invasive%20airway%20diseases&author=G.%20Vacher&author=H.%20Niculita-Hirzel&author=T.%20Roger&journal=Semin%20Immunopathol&volume=37&issue=2&pages=83-96&publication_year=2015))
28. Montone KT, Livolsi VA, Feldman MD et al (2012) Fungal rhinosinusitis: a retrospective microbiologic and pathologic review of 400 patients at a single university medical center. *Int J Otolaryngol* 2012:684835  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=22518160](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=22518160))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3299344>)

- Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20rhinosinusitis%3A%20a%20retrospective%20microbiologic%20a nd%20pathologic%20review%20of%20400%20patients%20at%20a%20single%2 ouniversity%20medical%20center&author=KT.%20Montone&author=VA.%20Li volsi&author=MD.%20Feldman&journal=Int%20J%20Otolaryngol&volume=201 2&pages=684835&publication\\_year=2012](http://scholar.google.com/scholar_lookup?title=Fungal%20rhinosinusitis%3A%20a%20retrospective%20microbiologic%20a nd%20pathologic%20review%20of%20400%20patients%20at%20a%20single%2 ouniversity%20medical%20center&author=KT.%20Montone&author=VA.%20Li volsi&author=MD.%20Feldman&journal=Int%20J%20Otolaryngol&volume=201 2&pages=684835&publication_year=2012))
29. Quirce S, Vandenplas O, Campo P et al (2016) Occupational hypersensitivity pneumonitis: an EAACI position paper. *Allergy* 71(6):765–779  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26913451](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26913451))  
CrossRef (<https://doi.org/10.1111/all.12866>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Occupational%20hypersensitivity%20pneumonitis%3A%20an%20EAACI%2 oposition%20paper&author=S.%20Quirce&author=O.%20Vandenplas&author=P.%20Campo&journal=Allergy&volume=71&issue=6&pages=765-779&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Occupational%20hypersensitivity%20pneumonitis%3A%20an%20EAACI%2 oposition%20paper&author=S.%20Quirce&author=O.%20Vandenplas&author=P.%20Campo&journal=Allergy&volume=71&issue=6&pages=765-779&publication_year=2016))
30. Silva CI, Churg A, Muller NL (2007) Hypersensitivity pneumonitis: spectrum of high-resolution CT and pathologic findings. *AJR Am J Roentgenol* 188(2):334–344  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17242239](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17242239))  
CrossRef (<https://doi.org/10.2214/AJR.05.1826>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Hypersensitivity%20pneumonitis%3A%20spectrum%20of%20high-resolution%20CT%20and%20pathologic%20findings&author=CI.%20Silva&author=A.%20Churg&author=NL.%20Muller&journal=AJR%20Am%20J%20Roentgenol&volume=188&issue=2&pages=334-344&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%3A%20spectrum%20of%20high-resolution%20CT%20and%20pathologic%20findings&author=CI.%20Silva&author=A.%20Churg&author=NL.%20Muller&journal=AJR%20Am%20J%20Roentgenol&volume=188&issue=2&pages=334-344&publication_year=2007))
31. Selman M, Lacasse Y, Pardo A, Cormier Y (2010) Hypersensitivity pneumonitis caused by fungi. *Proc Am Thorac Soc* 7(3):229–236  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=20463253](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=20463253))  
CrossRef (<https://doi.org/10.1513/pats.200906-041AL>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Hypersensitivity%20pneumonitis%20caused%20by%20fungi&author=M.%20Selman&author=Y.%20Lacasse&author=A.%20Pardo&author=Y.%20Cormier&journal=Proc%20Am%20Thorac%20Soc&volume=7&issue=3&pages=229-236&publication\\_year=2010](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20caused%20by%20fungi&author=M.%20Selman&author=Y.%20Lacasse&author=A.%20Pardo&author=Y.%20Cormier&journal=Proc%20Am%20Thorac%20Soc&volume=7&issue=3&pages=229-236&publication_year=2010))
32. Koschel D, Stark W, Karmann F, Sennekamp J, Muller-Wening D (Aug 2005) Extrinsic allergic alveolitis caused by misting fountains. *Respir Med* 99(8):943–947  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15950134](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15950134))  
CrossRef (<https://doi.org/10.1016/j.rmed.2005.01.004>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Extrinsic%20allergic%20alveolitis%20caused%20by%20misting%20fountains&author=D.%20Koschel&author=W.%20Stark&author=F.%20Karmann&author=J.%20Sennekamp&author=D.%20Muller-Wening](http://scholar.google.com/scholar_lookup?title=Extrinsic%20allergic%20alveolitis%20caused%20by%20misting%20fountains&author=D.%20Koschel&author=W.%20Stark&author=F.%20Karmann&author=J.%20Sennekamp&author=D.%20Muller-Wening))

- Wening&journal=Respir%20Med&volume=99&issue=8&pages=943-947&publication\_year=2005)
33. Hanak V, Golbin JM, Ryu JH (2007) Causes and presenting features in 85 consecutive patients with hypersensitivity pneumonitis. *Mayo Clin Proc* 82(7):812–816  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17605960) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17605960](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17605960))  
[CrossRef](https://doi.org/10.4065/82.7.812) (<https://doi.org/10.4065/82.7.812>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Causes%20and%20presenting%20features%20in%2085%20consecutive%20patients%20with%20hypersensitivity%20pneumonitis&author=V.%20Hanak&author=JM.%20Golbin&author=JH.%20Ryu&journal=Mayo%20Clin%20Proc&volume=82&issue=7&pages=812-816&publication_year=2007) ([http://scholar.google.com/scholar\\_lookup?title=Causes%20and%20presenting%20features%20in%2085%20consecutive%20patients%20with%20hypersensitivity%20pneumonitis&author=V.%20Hanak&author=JM.%20Golbin&author=JH.%20Ryu&journal=Mayo%20Clin%20Proc&volume=82&issue=7&pages=812-816&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Causes%20and%20presenting%20features%20in%2085%20consecutive%20patients%20with%20hypersensitivity%20pneumonitis&author=V.%20Hanak&author=JM.%20Golbin&author=JH.%20Ryu&journal=Mayo%20Clin%20Proc&volume=82&issue=7&pages=812-816&publication_year=2007))
34. Chiba S, Okada S, Suzuki Y et al (2009) Cladosporium species-related hypersensitivity pneumonitis in household environments. *Intern Med* 48(5):363–367  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19252363) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19252363](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19252363))  
[CrossRef](https://doi.org/10.2169/internalmedicine.48.1811) (<https://doi.org/10.2169/internalmedicine.48.1811>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Cladosporium%20species-related%20hypersensitivity%20pneumonitis%20in%20household%20environments&author=S.%20Chiba&author=S.%20Okada&author=Y.%20Suzuki&journal=Intern%20Med&volume=48&issue=5&pages=363-367&publication_year=2009) ([http://scholar.google.com/scholar\\_lookup?title=Cladosporium%20species-related%20hypersensitivity%20pneumonitis%20in%20household%20environments&author=S.%20Chiba&author=S.%20Okada&author=Y.%20Suzuki&journal=Intern%20Med&volume=48&issue=5&pages=363-367&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Cladosporium%20species-related%20hypersensitivity%20pneumonitis%20in%20household%20environments&author=S.%20Chiba&author=S.%20Okada&author=Y.%20Suzuki&journal=Intern%20Med&volume=48&issue=5&pages=363-367&publication_year=2009))
35. Enriquez-Matas A, Quirce S, Hernandez E, Vereda A, Carnes J, Sastre J (2007) Hypersensitivity pneumonitis caused by domestic exposure to molds. *J Investig Allergol Clin Immunol* 17(2):126–127  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17460953) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17460953](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17460953))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20caused%20by%20domestic%20exposure%20to%20molds&author=A.%20Enriquez-Matas&author=S.%20Quirce&author=E.%20Hernandez&author=A.%20Vereda&author=J.%20Carnes&author=J.%20Sastre&journal=J%20Investig%20Allergol%20Clin%20Immunol&volume=17&issue=2&pages=126-127&publication_year=2007) ([http://scholar.google.com/scholar\\_lookup?title=Hypersensitivity%20pneumonitis%20caused%20by%20domestic%20exposure%20to%20molds&author=A.%20Enriquez-Matas&author=S.%20Quirce&author=E.%20Hernandez&author=A.%20Vereda&author=J.%20Carnes&author=J.%20Sastre&journal=J%20Investig%20Allergol%20Clin%20Immunol&volume=17&issue=2&pages=126-127&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20caused%20by%20domestic%20exposure%20to%20molds&author=A.%20Enriquez-Matas&author=S.%20Quirce&author=E.%20Hernandez&author=A.%20Vereda&author=J.%20Carnes&author=J.%20Sastre&journal=J%20Investig%20Allergol%20Clin%20Immunol&volume=17&issue=2&pages=126-127&publication_year=2007))
36. Katayama N, Fujimura M, Yasui M, Ogawa H, Nakao S (2008) Hypersensitivity pneumonitis and bronchial asthma attacks caused by environmental fungi. *Allergol Int* 57(3):277–280  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18493169) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18493169](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18493169))  
[CrossRef](https://doi.org/10.2332/allergolint.C-07-56) (<https://doi.org/10.2332/allergolint.C-07-56>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20and%20bronchial%20asthma%20attacks%20caused%20by%20environmental%20fungi&author=N.%20Katayama&author=M.%20Fujimura&author=M.%20Yasui&author=H.%20Ogawa&author=S.%20Nakao&journal=Allergol%20Int&volume=57&issue=3&pages=277-280&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Hypersensitivity%20pneumonitis%20and%20bronchial%20asthma%20attacks%20caused%20by%20environmental%20fungi&author=N.%20Katayama&author=M.%20Fujimura&author=M.%20Yasui&author=H.%20Ogawa&author=S.%20Nakao&journal=Allergol%20Int&volume=57&issue=3&pages=277-280&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20and%20bronchial%20asthma%20attacks%20caused%20by%20environmental%20fungi&author=N.%20Katayama&author=M.%20Fujimura&author=M.%20Yasui&author=H.%20Ogawa&author=S.%20Nakao&journal=Allergol%20Int&volume=57&issue=3&pages=277-280&publication_year=2008))

37. Ramirez RM, Jacobs RL (2014) Hypersensitivity pneumonitis by *Fusarium* *vasinfectum* in a home environment. *J Allergy Clin Immunol Pract* 2(4):483–484  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=25017544) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=25017544](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=25017544))  
[CrossRef](https://doi.org/10.1016/j.jaip.2014.04.002) (<https://doi.org/10.1016/j.jaip.2014.04.002>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20by%20Fusarium%20vasinfectum%20in%20a%20home%20environment&author=RM.%20Ramirez&author=RL.%20Jacobs&journal=J%20Allergy%20Clin%20Immunol%20Pract&volume=2&issue=4&pages=483-484&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=Hypersensitivity%20pneumonitis%20by%20Fusarium%20vasinfectum%20in%20a%20home%20environment&author=RM.%20Ramirez&author=RL.%20Jacobs&journal=J%20Allergy%20Clin%20Immunol%20Pract&volume=2&issue=4&pages=483-484&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Hypersensitivity%20pneumonitis%20by%20Fusarium%20vasinfectum%20in%20a%20home%20environment&author=RM.%20Ramirez&author=RL.%20Jacobs&journal=J%20Allergy%20Clin%20Immunol%20Pract&volume=2&issue=4&pages=483-484&publication_year=2014))
38. Dickson SD, Tankersley MS (2015) Fatal hypersensitivity pneumonitis from exposure to *Fusarium* *vasinfectum* in a home environment: a case report. *Int Arch Allergy Immunol* 166(2):150–153  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=25871746) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=25871746](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=25871746))  
[CrossRef](https://doi.org/10.1159/000377631) (<https://doi.org/10.1159/000377631>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Fatal%20hypersensitivity%20pneumonitis%20from%20exposure%20to%20Fusarium%20vasinfectum%20in%20a%20home%20environment%3A%20a%20case%20report&author=SD.%20Dickson&author=MS.%20Tankersley&journal=Int%20Arch%20Allergy%20Immunol&volume=166&issue=2&pages=150-153&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=Fatal%20hypersensitivity%20pneumonitis%20from%20exposure%20to%20Fusarium%20vasinfectum%20in%20a%20home%20environment%3A%20a%20case%20report&author=SD.%20Dickson&author=MS.%20Tankersley&journal=Int%20Arch%20Allergy%20Immunol&volume=166&issue=2&pages=150-153&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Fatal%20hypersensitivity%20pneumonitis%20from%20exposure%20to%20Fusarium%20vasinfectum%20in%20a%20home%20environment%3A%20a%20case%20report&author=SD.%20Dickson&author=MS.%20Tankersley&journal=Int%20Arch%20Allergy%20Immunol&volume=166&issue=2&pages=150-153&publication_year=2015))
39. Kosmidis C, Denning DW (2015) The clinical spectrum of pulmonary aspergillosis. *Thorax* 70(3):270–277  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=25354514) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=25354514](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=25354514))  
[CrossRef](https://doi.org/10.1136/thoraxjnl-2014-206291) (<https://doi.org/10.1136/thoraxjnl-2014-206291>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%20clinical%20spectrum%20of%20pulmonary%20aspergillosis&author=C.%20Kosmidis&author=DW.%20Denning&journal=Thorax&volume=70&issue=3&pages=270-277&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=The%20clinical%20spectrum%20of%20pulmonary%20aspergillosis&author=C.%20Kosmidis&author=DW.%20Denning&journal=Thorax&volume=70&issue=3&pages=270-277&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=The%20clinical%20spectrum%20of%20pulmonary%20aspergillosis&author=C.%20Kosmidis&author=DW.%20Denning&journal=Thorax&volume=70&issue=3&pages=270-277&publication_year=2015))
40. Nucci M, Anaissie E (2007) *Fusarium* infections in immunocompromised patients. *Clin Microbiol Rev* 20(4):695–704  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=17934079) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=17934079](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=17934079))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2176050) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2176050>)  
[CrossRef](https://doi.org/10.1128/CMR.00014-07) (<https://doi.org/10.1128/CMR.00014-07>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Fusarium%20infections%20in%20immunocompromised%20patients&author=M.%20Nucci&author=E.%20Anaissie&journal=Clin%20Microbiol%20Rev&volume=20&issue=4&pages=695-704&publication_year=2007) ([http://scholar.google.com/scholar\\_lookup?title=Fusarium%20infections%20in%20immunocompromised%20patients&author=M.%20Nucci&author=E.%20Anaissie&journal=Clin%20Microbiol%20Rev&volume=20&issue=4&pages=695-704&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Fusarium%20infections%20in%20immunocompromised%20patients&author=M.%20Nucci&author=E.%20Anaissie&journal=Clin%20Microbiol%20Rev&volume=20&issue=4&pages=695-704&publication_year=2007))
41. Bennett JW, Klich M (2003) Mycotoxins. *Clin Microbiol Rev* 16(3):497–516  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=12857779) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=12857779](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=12857779))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC164220) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC164220>)  
[CrossRef](https://doi.org/10.1128/CMR.16.3.497-516.2003) (<https://doi.org/10.1128/CMR.16.3.497-516.2003>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Mycotoxins&author=JW.%20Bennett&author=M.%20Klich&journal=Clin%) ([http://scholar.google.com/scholar\\_lookup?title=Mycotoxins&author=JW.%20Bennett&author=M.%20Klich&journal=Clin%](http://scholar.google.com/scholar_lookup?title=Mycotoxins&author=JW.%20Bennett&author=M.%20Klich&journal=Clin%)

- 20Microbiol%20Rev&volume=16&issue=3&pages=497-516&publication\_year=2003)
42. Marin S, Ramos AJ, Cano-Sancho G, Sanchis V (2013) Mycotoxins: occurrence, toxicology, and exposure assessment. *Food Chem Toxicol* 60:218–237  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=23907020](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23907020))  
CrossRef (<https://doi.org/10.1016/j.fct.2013.07.047>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Mycotoxins%3A%20occurrence%2C%20toxicology%2C%20and%20exposure%20assessment&author=S.%20Marin&author=AJ.%20Ramos&author=G.%20Cano-Sancho&author=V.%20Sanchis&journal=Food%20Chem%20Toxicol&volume=60&pages=218-237&publication\\_year=2013](http://scholar.google.com/scholar_lookup?title=Mycotoxins%3A%20occurrence%2C%20toxicology%2C%20and%20exposure%20assessment&author=S.%20Marin&author=AJ.%20Ramos&author=G.%20Cano-Sancho&author=V.%20Sanchis&journal=Food%20Chem%20Toxicol&volume=60&pages=218-237&publication_year=2013))
43. Centers for Disease Control and Prevention (CDC) (2004) Outbreak of aflatoxin poisoning—eastern and central provinces, Kenya, January–July 2004. *MMWR Morb Mortal Wkly Rep* 53(34):790–793  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Outbreak%20of%20aflatoxin%20poisoning%20in%20Kenya%20and%20eastern%20provinces%20January%202004&journal=MMWR%20Morb%20Mortal%20Wkly%20Rep&volume=53&issue=34&pages=790-793&publication\\_year=2004](http://scholar.google.com/scholar_lookup?title=Outbreak%20of%20aflatoxin%20poisoning%20in%20Kenya%20and%20eastern%20provinces%20January%202004&journal=MMWR%20Morb%20Mortal%20Wkly%20Rep&volume=53&issue=34&pages=790-793&publication_year=2004))
44. Autrup JL, Schmidt J, Seremet T, Autrup H (1991) Determination of exposure to aflatoxins among Danish workers in animal-feed production through the analysis of aflatoxin B1 adducts to serum albumin. *Scand J Work Environ Health* 17(6):436–440  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=1788537](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=1788537))  
CrossRef (<https://doi.org/10.5271/sjweh.1683>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Determination%20of%20exposure%20to%20aflatoxins%20among%20Danish%20workers%20in%20animal-feed%20production%20through%20the%20analysis%20of%20aflatoxin%20B1%20adducts%20to%20serum%20albumin&author=JL.%20Autrup&author=J.%20Schmidt&author=T.%20Seremet&author=H.%20Autrup&journal=Scand%20J%20Work%20Environ%20Health&volume=17&issue=6&pages=436-440&publication\\_year=1991](http://scholar.google.com/scholar_lookup?title=Determination%20of%20exposure%20to%20aflatoxins%20among%20Danish%20workers%20in%20animal-feed%20production%20through%20the%20analysis%20of%20aflatoxin%20B1%20adducts%20to%20serum%20albumin&author=JL.%20Autrup&author=J.%20Schmidt&author=T.%20Seremet&author=H.%20Autrup&journal=Scand%20J%20Work%20Environ%20Health&volume=17&issue=6&pages=436-440&publication_year=1991))
45. Viegas S, Veiga L, Almeida A, dos Santos M, Carolino E, Viegas C (2016) Occupational exposure to aflatoxin B1 in a Portuguese poultry slaughterhouse. *Ann Occup Hyg.* 60(2):176–183  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26568583](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26568583))  
CrossRef (<https://doi.org/10.1093/annhyg/mew077>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Occupational%20exposure%20to%20aflatoxin%20B1%20in%20a%20Portuguese%20poultry%20slaughterhouse&author=S.%20Viegas&author=L.%20Veiga&author=A.%20Almeida&author=M.%20dos%20Santos&author=E.%20Carolino&author=C.%20Viegas&journal=Ann%20Occup%20Hyg.&volume=60&issue=2&pages=176-183&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Occupational%20exposure%20to%20aflatoxin%20B1%20in%20a%20Portuguese%20poultry%20slaughterhouse&author=S.%20Viegas&author=L.%20Veiga&author=A.%20Almeida&author=M.%20dos%20Santos&author=E.%20Carolino&author=C.%20Viegas&journal=Ann%20Occup%20Hyg.&volume=60&issue=2&pages=176-183&publication_year=2016))

46. Viegas S, Veiga L, Figueiredo P, Almeida A, Carolino E, Viegas C (2015) Assessment of workers' exposure to aflatoxin B1 in a Portuguese waste industry. *Ann Occup Hyg* 59(2):173–181  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25324565) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25324565](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25324565))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Assessment%20of%20workers%20exposure%20to%20aflatoxin%20B1%20in%20a%20Portuguese%20waste%20industry&author=S.%20Viegas&author=L.%20Veiga&author=P.%20Figueiredo&author=A.%20Almeida&author=E.%20Carolino&author=C.%20Viegas&journal=Ann%20Occup%20Hyg&volume=59&issue=2&pages=173-181&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=Assessment%20of%20workers%20exposure%20to%20aflatoxin%20B1%20in%20a%20Portuguese%20waste%20industry&author=S.%20Viegas&author=L.%20Veiga&author=P.%20Figueiredo&author=A.%20Almeida&author=E.%20Carolino&author=C.%20Viegas&journal=Ann%20Occup%20Hyg&volume=59&issue=2&pages=173-181&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Assessment%20of%20workers%20exposure%20to%20aflatoxin%20B1%20in%20a%20Portuguese%20waste%20industry&author=S.%20Viegas&author=L.%20Veiga&author=P.%20Figueiredo&author=A.%20Almeida&author=E.%20Carolino&author=C.%20Viegas&journal=Ann%20Occup%20Hyg&volume=59&issue=2&pages=173-181&publication_year=2015))
47. Seifert SA, Von Essen S, Jacobitz K, Crouch R, Lintner CP (2003) Organic dust toxic syndrome: a review. *J Toxicol Clin Toxicol* 41(2):185–193  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12733858) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=12733858](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12733858))  
[CrossRef](https://doi.org/10.1081/CLT-120019136) (<https://doi.org/10.1081/CLT-120019136>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Organic%20dust%20toxic%20syndrome%3A%20a%20review&author=SA.%20Seifert&author=S.%20Von%20Essen&author=K.%20Jacobitz&author=R.%20Crouch&author=CP.%20Lintner&journal=J%20Toxicol%20Clin%20Toxicol&volume=41&issue=2&pages=185-193&publication_year=2003) ([http://scholar.google.com/scholar\\_lookup?title=Organic%20dust%20toxic%20syndrome%3A%20a%20review&author=SA.%20Seifert&author=S.%20Von%20Essen&author=K.%20Jacobitz&author=R.%20Crouch&author=CP.%20Lintner&journal=J%20Toxicol%20Clin%20Toxicol&volume=41&issue=2&pages=185-193&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Organic%20dust%20toxic%20syndrome%3A%20a%20review&author=SA.%20Seifert&author=S.%20Von%20Essen&author=K.%20Jacobitz&author=R.%20Crouch&author=CP.%20Lintner&journal=J%20Toxicol%20Clin%20Toxicol&volume=41&issue=2&pages=185-193&publication_year=2003))
48. Madsen AM, Zervas A, Tendal K, Nielsen JL (2015) Microbial diversity in bioaerosol samples causing ODTs compared to reference bioaerosol samples as measured using Illumina sequencing and MALDI-TOF. *Environ Res* 140:255–267  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25880607) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25880607](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25880607))  
[CrossRef](https://doi.org/10.1016/j.envres.2015.03.027) (<https://doi.org/10.1016/j.envres.2015.03.027>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Microbial%20diversity%20in%20bioaerosol%20samples%20causing%20ODTs%20compared%20to%20reference%20bioaerosol%20samples%20as%20measured%20using%20Illumina%20sequencing%20and%20MALDI-TOF&author=AM.%20Madsen&author=A.%20Zervas&author=K.%20Tendal&author=JL.%20Nielsen&journal=Environ%20Res&volume=140&pages=255-267&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=Microbial%20diversity%20in%20bioaerosol%20samples%20causing%20ODTs%20compared%20to%20reference%20bioaerosol%20samples%20as%20measured%20using%20Illumina%20sequencing%20and%20MALDI-TOF&author=AM.%20Madsen&author=A.%20Zervas&author=K.%20Tendal&author=JL.%20Nielsen&journal=Environ%20Res&volume=140&pages=255-267&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Microbial%20diversity%20in%20bioaerosol%20samples%20causing%20ODTs%20compared%20to%20reference%20bioaerosol%20samples%20as%20measured%20using%20Illumina%20sequencing%20and%20MALDI-TOF&author=AM.%20Madsen&author=A.%20Zervas&author=K.%20Tendal&author=JL.%20Nielsen&journal=Environ%20Res&volume=140&pages=255-267&publication_year=2015))
49. Institute of Medicine (US) Committee on Damp Indoor Spaces and Health (2004) Damp indoor spaces and health. National Academies Press (US), Washington, DC  
[Google Scholar](https://scholar.google.com/scholar?q=Institute%20of%20Medicine%20%28US%29%20Committee%20on%20Damp%20Indoor%20Spaces%20and%20Health%20%282004%29%20Damp%20indoor%20spaces%20and%20health.%20National%20Academies%20Press%20%28US%29%20Washington%20DC) (<https://scholar.google.com/scholar?q=Institute%20of%20Medicine%20%28US%29%20Committee%20on%20Damp%20Indoor%20Spaces%20and%20Health%20%282004%29%20Damp%20indoor%20spaces%20and%20health.%20National%20Academies%20Press%20%28US%29%20Washington%20DC>)
50. Bornehag CG, Blomquist G, Gyntelberg F et al (2001) Dampness in buildings and health. Nordic interdisciplinary review of the scientific evidence on associations between exposure to "dampness" in buildings and health effects (NORDDAMP). *Indoor Air* 11(2):72–86  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11394014) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11394014](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11394014))  
[CrossRef](https://doi.org/10.1034/j.1600-0668.2001.110202.x) (<https://doi.org/10.1034/j.1600-0668.2001.110202.x>)

- Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Dampness%20in%20buildings%20and%20health.%20Nordic%20interdisciplinary%20review%20of%20the%20scientific%20evidence%20on%20association%20between%20exposure%20to%20E%280%9Cdampness%29&author=CG.%20Bornehag&author=G.%20Blomquist&author=F.%20Gyntelberg&journal=Indoor%20Air&volume=11&issue=2&pages=72-86&publication\\_year=2001](http://scholar.google.com/scholar_lookup?title=Dampness%20in%20buildings%20and%20health.%20Nordic%20interdisciplinary%20review%20of%20the%20scientific%20evidence%20on%20association%20between%20exposure%20to%20E%280%9Cdampness%29&author=CG.%20Bornehag&author=G.%20Blomquist&author=F.%20Gyntelberg&journal=Indoor%20Air&volume=11&issue=2&pages=72-86&publication_year=2001))
51. Bornehag CG, Sundell J, Bonini S et al (2004) Dampness in buildings as a risk factor for health effects, EUROEXPO: a multidisciplinary review of the literature (1998–2000) on dampness and mite exposure in buildings and health effects. *Indoor Air* 14(4):243–257  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15217478](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15217478))  
CrossRef (<https://doi.org/10.1111/j.1600-0668.2004.00240.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Dampness%20in%20buildings%20as%20a%20risk%20factor%20for%20health%20effects%20EUROEXPO%3A%20a%20multidisciplinary%20review%20of%20the%20literature%20from%201998%20to%202000%20on%20dampness%20and%20mite%20exposure%20in%20buildings%20and%20health%20effects&author=CG.%20Bornehag&author=J.%20Sundell&author=S.%20Bonini&journal=Indoor%20Air&volume=14&issue=4&pages=243-257&publication\\_year=2004](http://scholar.google.com/scholar_lookup?title=Dampness%20in%20buildings%20as%20a%20risk%20factor%20for%20health%20effects%20EUROEXPO%3A%20a%20multidisciplinary%20review%20of%20the%20literature%20from%201998%20to%202000%20on%20dampness%20and%20mite%20exposure%20in%20buildings%20and%20health%20effects&author=CG.%20Bornehag&author=J.%20Sundell&author=S.%20Bonini&journal=Indoor%20Air&volume=14&issue=4&pages=243-257&publication_year=2004))
52. Bornehag CG, Sundell J, Sigsgaard T (2004) Dampness in buildings and health (DBH): report from an ongoing epidemiological investigation on the association between indoor environmental factors and health effects among children in Sweden. *Indoor Air* 14(Suppl 7):59–66  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15330773](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15330773))  
CrossRef (<https://doi.org/10.1111/j.1600-0668.2004.00274.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Dampness%20in%20buildings%20and%20health%20from%20an%20ongoing%20epidemiological%20investigation%20on%20the%20association%20between%20indoor%20environmental%20factors%20and%20health%20effects%20among%20children%20in%20Sweden&author=CG.%20Bornehag&author=J.%20Sundell&author=T.%20Sigsgaard&journal=Indoor%20Air&volume=14&issue=Suppl%207&pages=59-66&publication\\_year=2004](http://scholar.google.com/scholar_lookup?title=Dampness%20in%20buildings%20and%20health%20from%20an%20ongoing%20epidemiological%20investigation%20on%20the%20association%20between%20indoor%20environmental%20factors%20and%20health%20effects%20among%20children%20in%20Sweden&author=CG.%20Bornehag&author=J.%20Sundell&author=T.%20Sigsgaard&journal=Indoor%20Air&volume=14&issue=Suppl%207&pages=59-66&publication_year=2004))
53. Mendell MJ, Mirer AG, Cheung K, Tong M, Douwes J (2011) Respiratory and allergic health effects of dampness, mold, and dampness-related agents: a review of the epidemiologic evidence. *Environ Health Perspect* 119(6):748–756  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21269928](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21269928))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3114807>)  
CrossRef (<https://doi.org/10.1289/ehp.1002410>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Respiratory%20and%20allergic%20health%20effects%20of%20dampness%20and%20mold%20and%20dampness-related%20agents%3A%20a%20review%20of%20the%20epidemiologic%20evidence&author=MJ.%20Mendell&author=AG.%20Mirer&author=K.%20Cheung&au](http://scholar.google.com/scholar_lookup?title=Respiratory%20and%20allergic%20health%20effects%20of%20dampness%20and%20mold%20and%20dampness-related%20agents%3A%20a%20review%20of%20the%20epidemiologic%20evidence&author=MJ.%20Mendell&author=AG.%20Mirer&author=K.%20Cheung&au))

- thor=M.%20Tong&author=J.%20Douwes&journal=Environ%20Health%20Persp  
ect&volume=119&issue=6&pages=748-756&publication\_year=2011)
54. Sahlberg B, Gunnbjörnsdóttir M, Soon A et al (2013) Airborne molds and bacteria, microbial volatile organic compounds (MVOC), plasticizers and formaldehyde in dwellings in three north European cities in relation to sick building syndrome (SBS). *Sci Total Environ* 444:433–440  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23280302) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=23280302](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23280302))  
[CrossRef](https://doi.org/10.1016/j.scitotenv.2012.10.114) (<https://doi.org/10.1016/j.scitotenv.2012.10.114>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Airborne%20molds%20and%20bacteria%2C%20microbial%20volatile%20organic%20compounds%20%28MVOC%29%2C%20plasticizers%20and%20formaldehyde%20in%20dwellings%20in%20three%20north%20European%20cities%20in%20relation%20to%20sick%20building%20syndrome%20%28SBS%29&author=B.%20Sahlberg&author=M.%20Gunnbjörnsdóttir&author=A.%20Soon&journal=Sci%20Total%20Environ&volume=444&pages=433-440&publication_year=2013) ([http://scholar.google.com/scholar\\_lookup?title=Airborne%20molds%20and%20bacteria%2C%20microbial%20volatile%20organic%20compounds%20%28MVOC%29%2C%20plasticizers%20and%20formaldehyde%20in%20dwellings%20in%20three%20north%20European%20cities%20in%20relation%20to%20sick%20building%20syndrome%20%28SBS%29&author=B.%20Sahlberg&author=M.%20Gunnbjörnsdóttir&author=A.%20Soon&journal=Sci%20Total%20Environ&volume=444&pages=433-440&publication\\_year=2013](http://scholar.google.com/scholar_lookup?title=Airborne%20molds%20and%20bacteria%2C%20microbial%20volatile%20organic%20compounds%20%28MVOC%29%2C%20plasticizers%20and%20formaldehyde%20in%20dwellings%20in%20three%20north%20European%20cities%20in%20relation%20to%20sick%20building%20syndrome%20%28SBS%29&author=B.%20Sahlberg&author=M.%20Gunnbjörnsdóttir&author=A.%20Soon&journal=Sci%20Total%20Environ&volume=444&pages=433-440&publication_year=2013))
55. Verhoeff AP, van Reenen-Hoekstra ES, Samson RA, Brunekreef B, van Wijnen JH (1994) Fungal propagules in house dust. I. Comparison of analytic methods and their value as estimators of potential exposure. *Allergy* 49(7):533–539  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=7825720) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=7825720](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=7825720))  
[CrossRef](https://doi.org/10.1111/j.1398-9995.1994.tb01125.x) (<https://doi.org/10.1111/j.1398-9995.1994.tb01125.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Fungal%20propagules%20in%20house%20dust.%20I.%20Comparison%20of%20analytic%20methods%20and%20their%20value%20as%20estimators%20of%20potential%20exposure&author=AP.%20Verhoeff&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&author=B.%20Brunekreef&author=JH.%20Wijnen&journal=Allergy&volume=49&issue=7&pages=533-539&publication_year=1994) ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20propagules%20in%20house%20dust.%20I.%20Comparison%20of%20analytic%20methods%20and%20their%20value%20as%20estimators%20of%20potential%20exposure&author=AP.%20Verhoeff&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&author=B.%20Brunekreef&author=JH.%20Wijnen&journal=Allergy&volume=49&issue=7&pages=533-539&publication\\_year=1994](http://scholar.google.com/scholar_lookup?title=Fungal%20propagules%20in%20house%20dust.%20I.%20Comparison%20of%20analytic%20methods%20and%20their%20value%20as%20estimators%20of%20potential%20exposure&author=AP.%20Verhoeff&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&author=B.%20Brunekreef&author=JH.%20Wijnen&journal=Allergy&volume=49&issue=7&pages=533-539&publication_year=1994))
56. Verhoeff AP, van Wijnen JH, Brunekreef B, Fischer P, van Reenen-Hoekstra ES, Samson RA (1992) Presence of viable mould propagules in indoor air in relation to house damp and outdoor air. *Allergy* 47(2 Pt 1):83–91  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=1632482) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=1632482](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=1632482))  
[CrossRef](https://doi.org/10.1111/j.1398-9995.1992.tb05093.x) (<https://doi.org/10.1111/j.1398-9995.1992.tb05093.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Presence%20of%20viable%20mould%20propagules%20in%20indoor%20air%20in%20relation%20to%20house%20damp%20and%20outdoor%20air&author=AP.%20Verhoeff&author=JH.%20Wijnen&author=B.%20Brunekreef&author=P.%20Fischer&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&journal=Allergy&volume=47&issue=2%20Pt%201&pages=83-91&publication_year=1992) ([http://scholar.google.com/scholar\\_lookup?title=Presence%20of%20viable%20mould%20propagules%20in%20indoor%20air%20in%20relation%20to%20house%20damp%20and%20outdoor%20air&author=AP.%20Verhoeff&author=JH.%20Wijnen&author=B.%20Brunekreef&author=P.%20Fischer&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&journal=Allergy&volume=47&issue=2%20Pt%201&pages=83-91&publication\\_year=1992](http://scholar.google.com/scholar_lookup?title=Presence%20of%20viable%20mould%20propagules%20in%20indoor%20air%20in%20relation%20to%20house%20damp%20and%20outdoor%20air&author=AP.%20Verhoeff&author=JH.%20Wijnen&author=B.%20Brunekreef&author=P.%20Fischer&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&journal=Allergy&volume=47&issue=2%20Pt%201&pages=83-91&publication_year=1992))
57. Verhoeff AP, van Wijnen JH, van Reenen-Hoekstra ES, Samson RA, van Strien RT, Brunekreef B (1994) Fungal propagules in house dust. II. Relation with residential characteristics and respiratory symptoms. *Allergy* 49(7):540–547  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=7825721) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=7825721](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=7825721))

- CrossRef (<https://doi.org/10.1111/j.1398-9995.1994.tb01126.x>)  
Google Scholar ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=20557376](http://scholar.google.com/scholar_lookup?title=Fungal%20propagules%20in%20house%20dust.%20II.%20Relation%20with%20residential%20characteristics%20and%20respiratory%20symptoms&author=AP.%20Verhoeff&author=JH.%20Wijnen&author=ES.%20Reenen-Hoekstra&author=RA.%20Samson&author=RT.%20Strien&author=B.%20Brunekeef&journal=Allergy&volume=49&issue=7&pages=540-547&publication_year=1994</a>)</p>
<p>58. Holme J, Hagerhed-Engman L, Mattsson J, Sundell J, Bornehag CG (2010) Culturable mold in indoor air and its association with moisture-related problems and asthma and allergy among Swedish children. <i>Indoor Air</i> 20(4):329–340<br/>
<u>PubMed</u> (<a href=))  
CrossRef (<https://doi.org/10.1111/j.1600-0668.2010.00658.x>)  
Google Scholar ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11885362](http://scholar.google.com/scholar_lookup?title=Culturable%20mold%20in%20indoor%20air%20and%20its%20association%20with%20moisture-related%20problems%20and%20asthma%20and%20allergy%20among%20Swedish%20children&author=J.%20Holme&author=L.%20Hagerhed-Engman&author=J.%20Mattsson&author=J.%20Sundell&author=CG.%20Bornehag&journal=Indoor%20Air&volume=20&issue=4&pages=329-340&publication_year=2010</a>)</p>
<p>59. Muller A, Lehmann I, Seiffert A et al (2002) Increased incidence of allergic sensitisation and respiratory diseases due to mould exposure: results of the Leipzig allergy risk children study (LARS). <i>Int J Hyg Environ Health</i> 204(5–6):363–365<br/>
<u>PubMed</u> (<a href=))  
CrossRef (<https://doi.org/10.1078/1438-4639-00110>)  
Google Scholar ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11350305](http://scholar.google.com/scholar_lookup?title=Increased%20incidence%20of%20allergic%20sensitisation%20and%20respiratory%20diseases%20due%20to%20mould%20exposure%3A%20results%20of%20the%20Leipzig%20allergy%20risk%20children%20study%20%28LARS%29&author=A.%20Muller&author=I.%20Lehmann&author=A.%20Seiffert&journal=Int%20J%20Hyg%20Environ%20Health&volume=204&issue=5%20E2%80%93&pages=363-365&publication_year=2002</a>)</p>
<p>60. Ren P, Jankun TM, Belanger K, Bracken MB, Leaderer BP (2001) The relation between fungal propagules in indoor air and home characteristics. <i>Allergy</i> 56(5):419–424<br/>
<u>PubMed</u> (<a href=))  
CrossRef (<https://doi.org/10.1034/j.1398-9995.2001.056005419.x>)  
Google Scholar ([<https://link.springer.com/article/10.1007%2Fs12016-017-8601-z>](http://scholar.google.com/scholar_lookup?title=The%20relation%20between%20fungal%20propagules%20in%20indoor%20air%20and%20home%20characteristics&author=P.%20Ren&author=TM.%20Jankun&author=K.%20Belanger&author=MB.%20Bracken&author=BP.%20Leaderer&journal=Allergy&volume=56&issue=5&pages=419-424&publication_year=2001</a>)</p>
</div>
<div data-bbox=)

61. Choi H, Byrne S, Larsen LS et al (2014) Residential culturable fungi, (1-3, 1-6)-beta-d-glucan, and ergosterol concentrations in dust are not associated with asthma, rhinitis, or eczema diagnoses in children. *Indoor Air* 24(2):158–170  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24016225) (<https://doi.org/10.1111/ina.12068>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Residential%20culturable%20fungi%2C%20%281-3%2C%201-6%29-beta-d-glucan%2C%20and%20ergosterol%20concentrations%20in%20dust%20are%20not%20associated%20with%20asthma%2C%20rhinitis%2C%20or%20eczema%20diagnoses%20in%20children&author=H.%20Choi&author=S.%20Byrne&author=LS.%20Larsen&journal=Indoor%20Air&volume=24&issue=2&pages=158-170&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=Residential%20culturable%20fungi%2C%20%281-3%2C%201-6%29-beta-d-glucan%2C%20and%20ergosterol%20concentrations%20in%20dust%20are%20not%20associated%20with%20asthma%2C%20rhinitis%2C%20or%20eczema%20diagnoses%20in%20children&author=H.%20Choi&author=S.%20Byrne&author=LS.%20Larsen&journal=Indoor%20Air&volume=24&issue=2&pages=158-170&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Residential%20culturable%20fungi%2C%20%281-3%2C%201-6%29-beta-d-glucan%2C%20and%20ergosterol%20concentrations%20in%20dust%20are%20not%20associated%20with%20asthma%2C%20rhinitis%2C%20or%20eczema%20diagnoses%20in%20children&author=H.%20Choi&author=S.%20Byrne&author=LS.%20Larsen&journal=Indoor%20Air&volume=24&issue=2&pages=158-170&publication_year=2014))
62. Leppanen HK, Nevalainen A, Vepsalainen A et al (2014) Determinants, reproducibility, and seasonal variation of ergosterol levels in house dust. *Indoor Air* 24(3):248–259  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24883434) (<https://doi.org/10.1111/ina.12078>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Determinants%20reproducibility%20and%20seasonal%20variation%20of%20ergosterol%20levels%20in%20house%20dust&author=HK.%20Leppanen&author=A.%20Nevalainen&author=A.%20Vepsalainen&journal=Indoor%20Air&volume=24&issue=3&pages=248-259&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=Determinants%20reproducibility%20and%20seasonal%20variation%20of%20ergosterol%20levels%20in%20house%20dust&author=HK.%20Leppanen&author=A.%20Nevalainen&author=A.%20Vepsalainen&journal=Indoor%20Air&volume=24&issue=3&pages=248-259&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Determinants%20reproducibility%20and%20seasonal%20variation%20of%20ergosterol%20levels%20in%20house%20dust&author=HK.%20Leppanen&author=A.%20Nevalainen&author=A.%20Vepsalainen&journal=Indoor%20Air&volume=24&issue=3&pages=248-259&publication_year=2014))
63. Park JH, Cox-Ganser JM, Kreiss K, White SK, Rao CY (2008) Hydrophilic fungi and ergosterol associated with respiratory illness in a water-damaged building. *Environ Health Perspect* 116(1):45–50  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18197298) (<https://doi.org/10.1289/ehp.10355>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Hydrophilic%20fungi%20and%20ergosterol%20associated%20with%20respiratory%20illness%20in%20a%20water-damaged%20building&author=JH.%20Park&author=JM.%20Cox-Ganser&author=K.%20Kreiss&author=SK.%20White&author=CY.%20Rao&journal=Environ%20Health%20Perspect&volume=116&issue=1&pages=45-50&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Hydrophilic%20fungi%20and%20ergosterol%20associated%20with%20respiratory%20illness%20in%20a%20water-damaged%20building&author=JH.%20Park&author=JM.%20Cox-Ganser&author=K.%20Kreiss&author=SK.%20White&author=CY.%20Rao&journal=Environ%20Health%20Perspect&volume=116&issue=1&pages=45-50&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Hydrophilic%20fungi%20and%20ergosterol%20associated%20with%20respiratory%20illness%20in%20a%20water-damaged%20building&author=JH.%20Park&author=JM.%20Cox-Ganser&author=K.%20Kreiss&author=SK.%20White&author=CY.%20Rao&journal=Environ%20Health%20Perspect&volume=116&issue=1&pages=45-50&publication_year=2008))
64. Vesper SJ, McKinstry C, Yang C et al (2006) Specific molds associated with asthma in water-damaged homes. *J Occup Environ Med* 48(8):852–858  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16902378) (<https://doi.org/10.1097/01.jom.0000224736.52780.2f>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Specific%20molds%20associated%20with%20asthma%20in%20water-damaged%20homes&author=SJ.%20Vesper&author=C.%20McKinstry&author=C.%20Yang&journal=J%20Occup%20Environ%20Med&volume=48&issue=8&pages=852-858&publication_year=2006) ([http://scholar.google.com/scholar\\_lookup?title=Specific%20molds%20associated%20with%20asthma%20in%20water-damaged%20homes&author=SJ.%20Vesper&author=C.%20McKinstry&author=C.%20Yang&journal=J%20Occup%20Environ%20Med&volume=48&issue=8&pages=852-858&publication\\_year=2006](http://scholar.google.com/scholar_lookup?title=Specific%20molds%20associated%20with%20asthma%20in%20water-damaged%20homes&author=SJ.%20Vesper&author=C.%20McKinstry&author=C.%20Yang&journal=J%20Occup%20Environ%20Med&volume=48&issue=8&pages=852-858&publication_year=2006))

65. Vesper SJ, Varma M, Wymer LJ, Dearborn DG, Sobolewski J, Haugland RA (2004) Quantitative polymerase chain reaction analysis of fungi in dust from homes of infants who developed idiopathic pulmonary hemorrhaging. *J Occup Environ Med* 46(6):596–601  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15213523) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15213523](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15213523))  
[CrossRef](https://doi.org/10.1097/01.jom.0000128160.17144.6e) (<https://doi.org/10.1097/01.jom.0000128160.17144.6e>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Quantitative%20polymerase%20chain%20reaction%20analysis%20of%20fungi%20in%20dust%20from%20homes%20of%20infants%20who%20developed%20idiopathic%20pulmonary%20hemorrhaging&author=SJ.%20Vesper&author=M.%20Varma&author=LJ.%20Wymer&author=DG.%20Dearborn&author=J.%20Sobolewski&author=RA.%20Haugland&journal=J%20Occup%20Environ%20Med&volume=46&issue=6&pages=596-601&publication_year=2004) ([http://scholar.google.com/scholar\\_lookup?title=Quantitative%20polymerase%20chain%20reaction%20analysis%20of%20fungi%20in%20dust%20from%20homes%20of%20infants%20who%20developed%20idiopathic%20pulmonary%20hemorrhaging&author=SJ.%20Vesper&author=M.%20Varma&author=LJ.%20Wymer&author=DG.%20Dearborn&author=J.%20Sobolewski&author=RA.%20Haugland&journal=J%20Occup%20Environ%20Med&volume=46&issue=6&pages=596-601&publication\\_year=2004](http://scholar.google.com/scholar_lookup?title=Quantitative%20polymerase%20chain%20reaction%20analysis%20of%20fungi%20in%20dust%20from%20homes%20of%20infants%20who%20developed%20idiopathic%20pulmonary%20hemorrhaging&author=SJ.%20Vesper&author=M.%20Varma&author=LJ.%20Wymer&author=DG.%20Dearborn&author=J.%20Sobolewski&author=RA.%20Haugland&journal=J%20Occup%20Environ%20Med&volume=46&issue=6&pages=596-601&publication_year=2004))
66. Chew GL, Douwes J, Doekes G et al (2001) Fungal extracellular polysaccharides, beta (1-->3)-glucans and culturable fungi in repeated sampling of house dust. *Indoor Air* 11(3):171–178  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11521501) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11521501](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11521501))  
[CrossRef](https://doi.org/10.1034/j.1600-0668.2001.011003171.x) (<https://doi.org/10.1034/j.1600-0668.2001.011003171.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Fungal%20extracellular%20polysaccharides%C2%20beta%20%281--%3E3%29-glucans%20and%20culturable%20fungi%20in%20repeated%20sampling%20of%20house%20dust&author=GL.%20Chew&author=J.%20Douwes&author=G.%20Doekes&journal=Indoor%20Air&volume=11&issue=3&pages=171-178&publication_year=2001) ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20extracellular%20polysaccharides%C2%20beta%20%281--%3E3%29-glucans%20and%20culturable%20fungi%20in%20repeated%20sampling%20of%20house%20dust&author=GL.%20Chew&author=J.%20Douwes&author=G.%20Doekes&journal=Indoor%20Air&volume=11&issue=3&pages=171-178&publication\\_year=2001](http://scholar.google.com/scholar_lookup?title=Fungal%20extracellular%20polysaccharides%C2%20beta%20%281--%3E3%29-glucans%20and%20culturable%20fungi%20in%20repeated%20sampling%20of%20house%20dust&author=GL.%20Chew&author=J.%20Douwes&author=G.%20Doekes&journal=Indoor%20Air&volume=11&issue=3&pages=171-178&publication_year=2001))
67. Madureira J, Paciencia I, Cavaleiro-Rufo J, Fernandes EO (2016) Indoor air risk factors for schoolchildren's health in Portuguese homes: results from a case-control survey. *J Toxicol Environ Health A* 79(20):938–953  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27644344) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27644344](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27644344))  
[CrossRef](https://doi.org/10.1080/15287394.2016.1210548) (<https://doi.org/10.1080/15287394.2016.1210548>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Indoor%20air%20risk%20factors%20for%20schoolchildren%20-%20results%20from%20a%20case-control%20survey&author=J.%20Madureira&author=I.%20Paciencia&author=J.%20Cavaleiro-Rufo&author=EO.%20Fernandes&journal=J%20Toxicol%20Environ%20Health%20A.&volume=79&issue=20&pages=938-953&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Indoor%20air%20risk%20factors%20for%20schoolchildren%20-%20results%20from%20a%20case-control%20survey&author=J.%20Madureira&author=I.%20Paciencia&author=J.%20Cavaleiro-Rufo&author=EO.%20Fernandes&journal=J%20Toxicol%20Environ%20Health%20A.&volume=79&issue=20&pages=938-953&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Indoor%20air%20risk%20factors%20for%20schoolchildren%20-%20results%20from%20a%20case-control%20survey&author=J.%20Madureira&author=I.%20Paciencia&author=J.%20Cavaleiro-Rufo&author=EO.%20Fernandes&journal=J%20Toxicol%20Environ%20Health%20A.&volume=79&issue=20&pages=938-953&publication_year=2016))
68. Mendes A, Papoila AL, Carreiro-Martins P et al (2016) The impact of indoor air quality and contaminants on respiratory health of older people living in long-term care residences in Porto. *Age Ageing* 45(1):136–142  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26563886) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26563886](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26563886))  
[CrossRef](https://doi.org/10.1093/ageing/afv157) (<https://doi.org/10.1093/ageing/afv157>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%20impact%20of%20indoor%20air%20quality%20and%20contaminan) ([http://scholar.google.com/scholar\\_lookup?title=The%20impact%20of%20indoor%20air%20quality%20and%20contaminan](http://scholar.google.com/scholar_lookup?title=The%20impact%20of%20indoor%20air%20quality%20and%20contaminan))

- ts%20on%20respiratory%20health%20of%20older%20people%20living%20in%20long-term%20care%20residences%20in%20Porto&author=A.%20Mendes&author=AL.%20Papoil&author=P.%20Carreiro-Martins&journal=Age%20Ageing&volume=45&issue=1&pages=136-142&publication\_year=2016)
69. Celik C, Okten S, Okutan O et al (2011) Investigation of indoor molds and allergic diseases in public primary schools in Edirne city of Turkey. *Asian Pac J Allergy Immunol* 29(1):42–49  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21560487) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21560487](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21560487))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Investigation%20of%20indoor%20molds%20and%20allergic%20diseases%20in%20public%20primary%20schools%20in%20Edirne%20city%20of%20Turk%20ey&author=C.%20Celik&author=S.%20Okten&author=O.%20Okutan&journal=Asian%20Pac%20J%20Allergy%20Immunol&volume=29&issue=1&pages=42-49&publication_year=2011) ([http://scholar.google.com/scholar\\_lookup?title=Investigation%20of%20indoor%20molds%20and%20allergic%20diseases%20in%20public%20primary%20schools%20in%20Edirne%20city%20of%20Turk%20ey&author=C.%20Celik&author=S.%20Okten&author=O.%20Okutan&journal=Asian%20Pac%20J%20Allergy%20Immunol&volume=29&issue=1&pages=42-49&publication\\_year=2011](http://scholar.google.com/scholar_lookup?title=Investigation%20of%20indoor%20molds%20and%20allergic%20diseases%20in%20public%20primary%20schools%20in%20Edirne%20city%20of%20Turk%20ey&author=C.%20Celik&author=S.%20Okten&author=O.%20Okutan&journal=Asian%20Pac%20J%20Allergy%20Immunol&volume=29&issue=1&pages=42-49&publication_year=2011))
70. Holst GJ, Host A, Doeke G et al (2016) Allergy and respiratory health effects of dampness and dampness-related agents in schools and homes: a cross-sectional study in Danish pupils. *Indoor Air* 26(6):880–891  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26643593) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26643593](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26643593))  
[CrossRef](https://doi.org/10.1111/ina.12275) (<https://doi.org/10.1111/ina.12275>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Allergy%20and%20respiratory%20health%20effects%20of%20dampness%20and%20dampness-related%20agents%20in%20schools%20and%20homes%3A%20a%20cross-sectional%20study%20in%20Danish%20pupils&author=GJ.%20Holst&author=A.%20Host&author=G.%20Doeke&journal=Indoor%20Air&volume=26&issue=6&pages=880-891&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Allergy%20and%20respiratory%20health%20effects%20of%20dampness%20and%20dampness-related%20agents%20in%20schools%20and%20homes%3A%20a%20cross-sectional%20study%20in%20Danish%20pupils&author=GJ.%20Holst&author=A.%20Host&author=G.%20Doeke&journal=Indoor%20Air&volume=26&issue=6&pages=880-891&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Allergy%20and%20respiratory%20health%20effects%20of%20dampness%20and%20dampness-related%20agents%20in%20schools%20and%20homes%3A%20a%20cross-sectional%20study%20in%20Danish%20pupils&author=GJ.%20Holst&author=A.%20Host&author=G.%20Doeke&journal=Indoor%20Air&volume=26&issue=6&pages=880-891&publication_year=2016))
71. Jacobs J, Borras-Santos A, Krop E et al (2014) Dampness, bacterial and fungal components in dust in primary schools and respiratory health in schoolchildren across Europe. *Occup Environ Med* 71(10):704–712  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25035116) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25035116](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25035116))  
[CrossRef](https://doi.org/10.1136/oemed-2014-102246) (<https://doi.org/10.1136/oemed-2014-102246>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Dampness%2C%20bacterial%20and%20fungal%20components%20in%20dust%20in%20primary%20schools%20and%20respiratory%20health%20in%20schoolchildren%20across%20Europe&author=J.%20Jacobs&author=A.%20Borras-Santos&author=E.%20Krop&journal=Occup%20Environ%20Med&volume=71&issue=10&pages=704-712&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=Dampness%2C%20bacterial%20and%20fungal%20components%20in%20dust%20in%20primary%20schools%20and%20respiratory%20health%20in%20schoolchildren%20across%20Europe&author=J.%20Jacobs&author=A.%20Borras-Santos&author=E.%20Krop&journal=Occup%20Environ%20Med&volume=71&issue=10&pages=704-712&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Dampness%2C%20bacterial%20and%20fungal%20components%20in%20dust%20in%20primary%20schools%20and%20respiratory%20health%20in%20schoolchildren%20across%20Europe&author=J.%20Jacobs&author=A.%20Borras-Santos&author=E.%20Krop&journal=Occup%20Environ%20Med&volume=71&issue=10&pages=704-712&publication_year=2014))
72. Tischer C, Zock JP, Valkonen M et al (2015) Predictors of microbial agents in dust and respiratory health in the Ecrhs. *BMC Pulm Med* 15:48  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25929252) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25929252](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25929252))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4425915) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4425915>)  
[CrossRef](https://doi.org/10.1186/s12890-015-0042-y) (<https://doi.org/10.1186/s12890-015-0042-y>)

- Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Predictors%20of%20microbial%20agents%20in%20dust%20and%20respiratory%20health%20in%20the%20Ecrhs&author=C.%20Tischer&author=JP.%20Zock&author=M.%20Valkonen&journal=BMC%20Pulm%20Med&volume=15&pages=48&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Predictors%20of%20microbial%20agents%20in%20dust%20and%20respiratory%20health%20in%20the%20Ecrhs&author=C.%20Tischer&author=JP.%20Zock&author=M.%20Valkonen&journal=BMC%20Pulm%20Med&volume=15&pages=48&publication_year=2015))
73. Saijo Y, Kanazawa A, Araki A et al (2011) Relationships between mite allergen levels, mold concentrations, and sick building syndrome symptoms in newly built dwellings in Japan. *Indoor Air* 21(3):253–263  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21198888](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21198888))  
CrossRef (<https://doi.org/10.1111/j.1600-0668.2010.00698.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Relationships%20between%20mite%20allergen%20levels%2C%20mold%20concentrations%2C%20and%20sick%20building%20syndrome%20symptoms%20in%20newly%20built%20dwellings%20in%20Japan&author=Y.%20Saijo&author=A.%20Kanazawa&author=A.%20Araki&journal=Indoor%20Air&volume=21&issue=3&pages=253-263&publication\\_year=2011](http://scholar.google.com/scholar_lookup?title=Relationships%20between%20mite%20allergen%20levels%2C%20mold%20concentrations%2C%20and%20sick%20building%20syndrome%20symptoms%20in%20newly%20built%20dwellings%20in%20Japan&author=Y.%20Saijo&author=A.%20Kanazawa&author=A.%20Araki&journal=Indoor%20Air&volume=21&issue=3&pages=253-263&publication_year=2011))
74. Bundy KW, Gent JF, Beckett W et al (2009) Household airborne Penicillium associated with peak expiratory flow variability in asthmatic children. *Ann Allergy Asthma Immunol.* 103(1):26–30  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19663123](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19663123))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2746059>)  
CrossRef ([https://doi.org/10.1016/S1081-1206\(10\)60139-1](https://doi.org/10.1016/S1081-1206(10)60139-1))  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Household%20airborne%20Penicillium%20associated%20with%20peak%20expiratory%20flow%20variability%20in%20asthmatic%20children&author=KW.%20Bundy&author=JF.%20Gent&author=W.%20Beckett&journal=Ann%20Allergy%20Asthma%20Immunol.&volume=103&issue=1&pages=26-30&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Household%20airborne%20Penicillium%20associated%20with%20peak%20expiratory%20flow%20variability%20in%20asthmatic%20children&author=KW.%20Bundy&author=JF.%20Gent&author=W.%20Beckett&journal=Ann%20Allergy%20Asthma%20Immunol.&volume=103&issue=1&pages=26-30&publication_year=2009))
75. Cai GH, Hashim JH, Hashim Z et al (2011) Fungal DNA, allergens, mycotoxins and associations with asthmatic symptoms among pupils in schools from Johor Bahru, Malaysia. *Pediatr Allergy Immunol* 22(3):290–297  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21457336](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21457336))  
CrossRef (<https://doi.org/10.1111/j.1399-3038.2010.01127.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Fungal%20DNA%2C%20allergens%2C%20mycotoxins%20and%20associations%20with%20asthmatic%20symptoms%20among%20pupils%20in%20schools%20from%20Johor%20Bahru%2C%20Malaysia&author=GH.%20Cai&author=J.H.%20Hashim&author=Z.%20Hashim&journal=Pediatr%20Allergy%20Immunol.&volume=22&issue=3&pages=290-297&publication\\_year=2011](http://scholar.google.com/scholar_lookup?title=Fungal%20DNA%2C%20allergens%2C%20mycotoxins%20and%20associations%20with%20asthmatic%20symptoms%20among%20pupils%20in%20schools%20from%20Johor%20Bahru%2C%20Malaysia&author=GH.%20Cai&author=J.H.%20Hashim&author=Z.%20Hashim&journal=Pediatr%20Allergy%20Immunol.&volume=22&issue=3&pages=290-297&publication_year=2011))
76. Norback D, Hashim JH, Markowicz P et al (2016) Endotoxin, ergosterol, muramic acid and fungal DNA in dust from schools in Johor Bahru, Malaysia—associations with rhinitis and sick building syndrome (SBS) in junior high school students. *Sci Total Environ* 545-546:95–103  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26745297](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26745297))

- CrossRef (<https://doi.org/10.1016/j.scitotenv.2015.12.072>)  
Google Scholar ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26829324](http://scholar.google.com/scholar_lookup?title=Endotoxin%2C%20ergosterol%2C%20muramic%20acid%20and%20fungal%20DNA%20in%20dust%20from%20schools%20in%20Johor%20Bahru%2C%20Malaysia%20%80%94associations%20with%20rhinitis%20and%20sick%20building%20syndrome%20%28SBS%29%20in%20junior%20high%20school%20students&author=D.%20Norback&author=JH.%20Hashim&author=P.%20Markowicz&journal=Sci%20Total%20Environ&volume=545-546&pages=95-103&publication_year=2016</a>)</p>
<p>77. Norback D, Hashim JH, Cai GH et al (2016) Rhinitis, ocular, throat and dermal symptoms, headache and tiredness among students in schools from Johor Bahru, Malaysia: associations with fungal DNA and mycotoxins in classroom dust. <i>PLoS One</i> 11(2):e0147996<br/>
<u>PubMed</u> (<a href=))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4734676>)  
CrossRef (<https://doi.org/10.1371/journal.pone.0147996>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Rhinitis%2C%20ocular%2C%20throat%20and%20dermal%20symptoms%20headache%20and%20tiredness%20among%20students%20in%20schools%20from%20Johor%20Bahru%2C%20Malaysia%3A%20associations%20with%20fungal%20DNA%20and%20mycotoxins%20in%20classroom%20dust&author=D.%20Norback&author=JH.%20Hashim&author=GH.%20Cai&journal=PLoS%20One&volume=11&issue=2&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Rhinitis%2C%20ocular%2C%20throat%20and%20dermal%20symptoms%20headache%20and%20tiredness%20among%20students%20in%20schools%20from%20Johor%20Bahru%2C%20Malaysia%3A%20associations%20with%20fungal%20DNA%20and%20mycotoxins%20in%20classroom%20dust&author=D.%20Norback&author=JH.%20Hashim&author=GH.%20Cai&journal=PLoS%20One&volume=11&issue=2&publication_year=2016))
78. LeBouf R, Yesse L, Rossner A (2008) Seasonal and diurnal variability in airborne mold from an indoor residential environment in northern New York. *J Air Waste Manag Assoc.* 58(5):684–692  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18512445](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18512445))  
CrossRef (<https://doi.org/10.3155/1047-3289.58.5.684>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Seasonal%20and%20diurnal%20variability%20in%20airborne%20mold%20from%20an%20indoor%20residential%20environment%20in%20northern%20New%20York&author=R.%20LeBouf&author=L.%20Yesse&author=A.%20Rossner&journal=J%20Air%20Waste%20Manag%20Assoc.&volume=58&issue=5&pages=684-692&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Seasonal%20and%20diurnal%20variability%20in%20airborne%20mold%20from%20an%20indoor%20residential%20environment%20in%20northern%20New%20York&author=R.%20LeBouf&author=L.%20Yesse&author=A.%20Rossner&journal=J%20Air%20Waste%20Manag%20Assoc.&volume=58&issue=5&pages=684-692&publication_year=2008))
79. Mentese S, Rad AY, Arisoy M, Gullu G (2012) Multiple comparisons of organic, microbial, and fine particulate pollutants in typical indoor environments: diurnal and seasonal variations. *J Air Waste Manag Assoc* 62(12):1380–1393  
CrossRef (<https://doi.org/10.1080/10962247.2012.714717>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Multiple%20comparisons%20of%20organic%2C%20microbial%2C%20and%20fine%20particulate%20pollutants%20in%20typical%20indoor%20environments%3A%20diurnal%20and%20seasonal%20variations&author=S.%20Mentese&author=AY.%20Rad&author=M.%20Arisoy&author=G.%20Gullu&journal=J%20Air%20Waste%20Manag%20Assoc&volume=62&issue=12&pages=1380-1393&publication\\_year=2012](http://scholar.google.com/scholar_lookup?title=Multiple%20comparisons%20of%20organic%2C%20microbial%2C%20and%20fine%20particulate%20pollutants%20in%20typical%20indoor%20environments%3A%20diurnal%20and%20seasonal%20variations&author=S.%20Mentese&author=AY.%20Rad&author=M.%20Arisoy&author=G.%20Gullu&journal=J%20Air%20Waste%20Manag%20Assoc&volume=62&issue=12&pages=1380-1393&publication_year=2012))

80. Su HJ, Wu PC, Chen HL, Lee FC, Lin LL (Feb 2001) Exposure assessment of indoor allergens, endotoxin, and airborne fungi for homes in southern Taiwan. *Environ Res* 85(2):135–144  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11161663) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11161663](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11161663))  
[CrossRef](https://doi.org/10.1006/enrs.2000.4113) (<https://doi.org/10.1006/enrs.2000.4113>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Exposure%20assessment%20of%20indoor%20allergens%2C%20endotoxin%2C%20and%20airborne%20fungi%20for%20homes%20in%20southern%20Taiwan&author=HJ.%20Su&author=PC.%20Wu&author=HL.%20Chen&author=FC.%20Lee&author=LL.%20Lin&journal=Environ%20Res&volume=85&issue=2&pages=135-144&publication_year=2001) ([http://scholar.google.com/scholar\\_lookup?title=Exposure%20assessment%20of%20indoor%20allergens%2C%20endotoxin%2C%20and%20airborne%20fungi%20for%20homes%20in%20southern%20Taiwan&author=HJ.%20Su&author=PC.%20Wu&author=HL.%20Chen&author=FC.%20Lee&author=LL.%20Lin&journal=Environ%20Res&volume=85&issue=2&pages=135-144&publication\\_year=2001](http://scholar.google.com/scholar_lookup?title=Exposure%20assessment%20of%20indoor%20allergens%2C%20endotoxin%2C%20and%20airborne%20fungi%20for%20homes%20in%20southern%20Taiwan&author=HJ.%20Su&author=PC.%20Wu&author=HL.%20Chen&author=FC.%20Lee&author=LL.%20Lin&journal=Environ%20Res&volume=85&issue=2&pages=135-144&publication_year=2001))
81. Kaarakainen P, Rintala H, Vepsäläinen A, Hyvarinen A, Nevalainen A, Meklin T (2009) Microbial content of house dust samples determined with qPCR. *Sci Total Environ* 407(16):4673–4680  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19473690) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19473690](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19473690))  
[CrossRef](https://doi.org/10.1016/j.scitotenv.2009.04.046) (<https://doi.org/10.1016/j.scitotenv.2009.04.046>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Microbial%20content%20of%20house%20dust%20samples%20determined%20with%20qPCR&author=P.%20Kaarakainen&author=H.%20Rintala&author=A.%20Vepsäläinen&author=A.%20Hyvarinen&author=A.%20Nevalainen&author=T.%20Meklin&journal=Sci%20Total%20Environ&volume=407&issue=16&page_s=4673-4680&publication_year=2009) ([http://scholar.google.com/scholar\\_lookup?title=Microbial%20content%20of%20house%20dust%20samples%20determined%20with%20qPCR&author=P.%20Kaarakainen&author=H.%20Rintala&author=A.%20Vepsäläinen&author=A.%20Hyvarinen&author=A.%20Nevalainen&author=T.%20Meklin&journal=Sci%20Total%20Environ&volume=407&issue=16&page\\_s=4673-4680&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Microbial%20content%20of%20house%20dust%20samples%20determined%20with%20qPCR&author=P.%20Kaarakainen&author=H.%20Rintala&author=A.%20Vepsäläinen&author=A.%20Hyvarinen&author=A.%20Nevalainen&author=T.%20Meklin&journal=Sci%20Total%20Environ&volume=407&issue=16&page_s=4673-4680&publication_year=2009))
82. Cho SJ, Ramachandran G, Grengs J, Ryan AD, Eberly LE, Adgate JL (2008) Longitudinal evaluation of allergen and culturable fungal concentrations in inner-city households. *J Occup Environ Hyg* 5(2):107–118  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18085481) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18085481](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18085481))  
[CrossRef](https://doi.org/10.1080/15459620701827049) (<https://doi.org/10.1080/15459620701827049>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Longitudinal%20evaluation%20of%20allergen%20and%20culturable%20fungal%20concentrations%20in%20inner-city%20households&author=SJ.%20Cho&author=G.%20Ramachandran&author=J.%20Grengs&author=AD.%20Ryan&author=LE.%20Eberly&author=JL.%20Adgate&journal=J%20Occup%20Environ%20Hyg&volume=5&issue=2&pages=107-118&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Longitudinal%20evaluation%20of%20allergen%20and%20culturable%20fungal%20concentrations%20in%20inner-city%20households&author=SJ.%20Cho&author=G.%20Ramachandran&author=J.%20Grengs&author=AD.%20Ryan&author=LE.%20Eberly&author=JL.%20Adgate&journal=J%20Occup%20Environ%20Hyg&volume=5&issue=2&pages=107-118&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Longitudinal%20evaluation%20of%20allergen%20and%20culturable%20fungal%20concentrations%20in%20inner-city%20households&author=SJ.%20Cho&author=G.%20Ramachandran&author=J.%20Grengs&author=AD.%20Ryan&author=LE.%20Eberly&author=JL.%20Adgate&journal=J%20Occup%20Environ%20Hyg&volume=5&issue=2&pages=107-118&publication_year=2008))
83. Heinrich J, Holscher B, Douwes J et al (2003) Reproducibility of allergen, endotoxin and fungi measurements in the indoor environment. *J Expo Anal Environ Epidemiol* 13(2):152–160  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12679795) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=12679795](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12679795))  
[CrossRef](https://doi.org/10.1038/sj.jea.7500267) (<https://doi.org/10.1038/sj.jea.7500267>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Reproducibility%20of%20allergen%2C%20endotoxin%20and%20fungi%20measurements%20in%20the%20indoor%20environment&author=J.%20Heinrich&author=B.%20Holscher&author=J.%20Douwes&journal=J%20Expo%20Anal%20Environ%20Epidemiol&volume=13&issue=2&pages=152-160&publication_year=2003) ([http://scholar.google.com/scholar\\_lookup?title=Reproducibility%20of%20allergen%2C%20endotoxin%20and%20fungi%20measurements%20in%20the%20indoor%20environment&author=J.%20Heinrich&author=B.%20Holscher&author=J.%20Douwes&journal=J%20Expo%20Anal%20Environ%20Epidemiol&volume=13&issue=2&pages=152-160&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Reproducibility%20of%20allergen%2C%20endotoxin%20and%20fungi%20measurements%20in%20the%20indoor%20environment&author=J.%20Heinrich&author=B.%20Holscher&author=J.%20Douwes&journal=J%20Expo%20Anal%20Environ%20Epidemiol&volume=13&issue=2&pages=152-160&publication_year=2003))

84. Spicer R, Gangloff H (2005) Establishing site specific reference levels for fungi in outdoor air for building evaluation. *J Occup Environ Hyg* 2(5):257–266  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15814380) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15814380](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15814380))  
[CrossRef](https://doi.org/10.1080/15459620590946401) (<https://doi.org/10.1080/15459620590946401>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Establishing%20site%20specific%20reference%20levels%20for%20fungi%20in%20outdoor%20air%20for%20building%20evaluation&author=R.%20Spicer&author=H.%20Gangloff&journal=J%20Occup%20Environ%20Hyg&volume=2&issue=5&pages=257-266&publication_year=2005) ([http://scholar.google.com/scholar\\_lookup?title=Establishing%20site%20specific%20reference%20levels%20for%20fungi%20in%20outdoor%20air%20for%20building%20evaluation&author=R.%20Spicer&author=H.%20Gangloff&journal=J%20Occup%20Environ%20Hyg&volume=2&issue=5&pages=257-266&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Establishing%20site%20specific%20reference%20levels%20for%20fungi%20in%20outdoor%20air%20for%20building%20evaluation&author=R.%20Spicer&author=H.%20Gangloff&journal=J%20Occup%20Environ%20Hyg&volume=2&issue=5&pages=257-266&publication_year=2005))
85. Makkonen K, Viitala KI, Parkkila S, Niemela O (2001) Serum IgG and IgE antibodies against mold-derived antigens in patients with symptoms of hypersensitivity. *Clin Chim Acta* 305(1–2):89–98  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11249927) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11249927](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11249927))  
[CrossRef](https://doi.org/10.1016/S0009-8981(00)00424-1) ([https://doi.org/10.1016/S0009-8981\(00\)00424-1](https://doi.org/10.1016/S0009-8981(00)00424-1))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Serum%20IgG%20and%20IgE%20antibodies%20against%20mold-derived%20antigens%20in%20patients%20with%20symptoms%20of%20hypersensitivity&author=K.%20Makkonen&author=KI.%20Viitala&author=S.%20Parkki&author=O.%20Niemela&journal=Clin%20Chim%20Acta&volume=305&issue=1%20%20%932&pages=89-98&publication_year=2001) ([http://scholar.google.com/scholar\\_lookup?title=Serum%20IgG%20and%20IgE%20antibodies%20against%20mold-derived%20antigens%20in%20patients%20with%20symptoms%20of%20hypersensitivity&author=K.%20Makkonen&author=KI.%20Viitala&author=S.%20Parkki&author=O.%20Niemela&journal=Clin%20Chim%20Acta&volume=305&issue=1%20%20%932&pages=89-98&publication\\_year=2001](http://scholar.google.com/scholar_lookup?title=Serum%20IgG%20and%20IgE%20antibodies%20against%20mold-derived%20antigens%20in%20patients%20with%20symptoms%20of%20hypersensitivity&author=K.%20Makkonen&author=KI.%20Viitala&author=S.%20Parkki&author=O.%20Niemela&journal=Clin%20Chim%20Acta&volume=305&issue=1%20%20%932&pages=89-98&publication_year=2001))
86. Hyvarinen A, Husman T, Laitinen S et al (May 2003) Microbial exposure and mold-specific serum IgG levels among children with respiratory symptoms in 2 school buildings. *Arch Environ Health* 58(5):275–283  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=14738273) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=14738273](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=14738273))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Microbial%20exposure%20and%20mold-specific%20serum%20IgG%20levels%20among%20children%20with%20respiratory%20symptoms%20in%202%20school%20buildings&author=A.%20Hyvarinen&author=T.%20Husman&author=S.%20Laitinen&journal=Arch%20Environ%20Health&volume=58&issue=5&pages=275-283&publication_year=2003) ([http://scholar.google.com/scholar\\_lookup?title=Microbial%20exposure%20and%20mold-specific%20serum%20IgG%20levels%20among%20children%20with%20respiratory%20symptoms%20in%202%20school%20buildings&author=A.%20Hyvarinen&author=T.%20Husman&author=S.%20Laitinen&journal=Arch%20Environ%20Health&volume=58&issue=5&pages=275-283&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Microbial%20exposure%20and%20mold-specific%20serum%20IgG%20levels%20among%20children%20with%20respiratory%20symptoms%20in%202%20school%20buildings&author=A.%20Hyvarinen&author=T.%20Husman&author=S.%20Laitinen&journal=Arch%20Environ%20Health&volume=58&issue=5&pages=275-283&publication_year=2003))
87. Immonen J, Laitinen S, Taskinen T, Pekkanen J, Nevalainen A, Korppi M (2002) Mould-specific immunoglobulin G antibodies in students from moisture- and mould-damaged schools: a 3-year follow-up study. *Pediatr Allergy Immunol* 13(2):125–128  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12000485) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=12000485](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12000485))  
[CrossRef](https://doi.org/10.1034/j.1399-3038.2002.01003.x) (<https://doi.org/10.1034/j.1399-3038.2002.01003.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Mould-specific%20immunoglobulin%20G%20antibodies%20in%20students%20from%20moisture-%20and%20mould-damaged%20schools%3A%20a%203-year%20follow-up%20study&author=J.%20Immonen&author=S.%20Laitinen&author=T.%20Taskinen&author=J.%20Pekkanen&author=A.%20Nevalainen&author=M.%20Korppi&journal=Pediatr%20Allergy%20Immunol&volume=13&issue=2&pages=125-128&publication_year=2002) ([http://scholar.google.com/scholar\\_lookup?title=Mould-specific%20immunoglobulin%20G%20antibodies%20in%20students%20from%20moisture-%20and%20mould-damaged%20schools%3A%20a%203-year%20follow-up%20study&author=J.%20Immonen&author=S.%20Laitinen&author=T.%20Taskinen&author=J.%20Pekkanen&author=A.%20Nevalainen&author=M.%20Korppi&journal=Pediatr%20Allergy%20Immunol&volume=13&issue=2&pages=125-128&publication\\_year=2002](http://scholar.google.com/scholar_lookup?title=Mould-specific%20immunoglobulin%20G%20antibodies%20in%20students%20from%20moisture-%20and%20mould-damaged%20schools%3A%20a%203-year%20follow-up%20study&author=J.%20Immonen&author=S.%20Laitinen&author=T.%20Taskinen&author=J.%20Pekkanen&author=A.%20Nevalainen&author=M.%20Korppi&journal=Pediatr%20Allergy%20Immunol&volume=13&issue=2&pages=125-128&publication_year=2002))

88. Taskinen TM, Laitinen S, Nevalainen A et al (2002) Immunoglobulin G antibodies to moulds in school-children from moisture problem schools. *Allergy* 57(1):9–16  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11991303) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11991303](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11991303))  
[CrossRef](https://doi.org/10.1034/j.1398-9995.2002.13154.x) (<https://doi.org/10.1034/j.1398-9995.2002.13154.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Immunoglobulin%20G%20antibodies%20to%20moulds%20in%20school-children%20from%20moisture%20problem%20schools&author=TM.%20Taskinen&author=S.%20Laitinen&author=A.%20Nevalainen&journal=Allergy&volume=57&issue=1&pages=9-16&publication_year=2002) ([http://scholar.google.com/scholar\\_lookup?title=Immunoglobulin%20G%20antibodies%20to%20moulds%20in%20school-children%20from%20moisture%20problem%20schools&author=TM.%20Taskinen&author=S.%20Laitinen&author=A.%20Nevalainen&journal=Allergy&volume=57&issue=1&pages=9-16&publication\\_year=2002](http://scholar.google.com/scholar_lookup?title=Immunoglobulin%20G%20antibodies%20to%20moulds%20in%20school-children%20from%20moisture%20problem%20schools&author=TM.%20Taskinen&author=S.%20Laitinen&author=A.%20Nevalainen&journal=Allergy&volume=57&issue=1&pages=9-16&publication_year=2002))
89. Mussalo-Rauhamaa H, Nikulin M, Koukila-Kakkola P, Hintikka EL, Malmberg M, Haahtela T (2010) Health effects of residents exposed to Stachybotrys in water-damaged houses in Finland. *Indoor Built Environ* 19(4):476–485  
[CrossRef](https://doi.org/10.1177/1420326X10367290) (<https://doi.org/10.1177/1420326X10367290>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Health%20effects%20of%20residents%20exposed%20to%20Stachybotrys%20in%20water-damaged%20houses%20in%20Finland&author=H.%20Mussalo-Rauhamaa&author=M.%20Nikulin&author=P.%20Koukila-Kakkola&author=EL.%20Hintikka&author=M.%20Malmberg&author=T.%20Haahtela&journal=Indoor%20Built%20Environ&volume=19&issue=4&pages=476-485&publication_year=2010) ([http://scholar.google.com/scholar\\_lookup?title=Health%20effects%20of%20residents%20exposed%20to%20Stachybotrys%20in%20water-damaged%20houses%20in%20Finland&author=H.%20Mussalo-Rauhamaa&author=M.%20Nikulin&author=P.%20Koukila-Kakkola&author=EL.%20Hintikka&author=M.%20Malmberg&author=T.%20Haahtela&journal=Indoor%20Built%20Environ&volume=19&issue=4&pages=476-485&publication\\_year=2010](http://scholar.google.com/scholar_lookup?title=Health%20effects%20of%20residents%20exposed%20to%20Stachybotrys%20in%20water-damaged%20houses%20in%20Finland&author=H.%20Mussalo-Rauhamaa&author=M.%20Nikulin&author=P.%20Koukila-Kakkola&author=EL.%20Hintikka&author=M.%20Malmberg&author=T.%20Haahtela&journal=Indoor%20Built%20Environ&volume=19&issue=4&pages=476-485&publication_year=2010))
90. Brauer C, Budtz-Jorgensen E, Mikkelsen S (2008) Structural equation analysis of the causal relationship between health and perceived indoor environment. *Int Arch Occup Environ Health* 81(6):769–776  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17917740) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17917740](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17917740))  
[CrossRef](https://doi.org/10.1007/s00420-007-0244-6) (<https://doi.org/10.1007/s00420-007-0244-6>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Structural%20equation%20analysis%20of%20the%20causal%20relationships%20between%20health%20and%20perceived%20indoor%20environment&author=C.%20Brauer&author=E.%20Budtz-Jorgensen&author=S.%20Mikkelsen&journal=Int%20Arch%20Occup%20Enviro%20Health&volume=81&issue=6&pages=769-776&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Structural%20equation%20analysis%20of%20the%20causal%20relationships%20between%20health%20and%20perceived%20indoor%20environment&author=C.%20Brauer&author=E.%20Budtz-Jorgensen&author=S.%20Mikkelsen&journal=Int%20Arch%20Occup%20Enviro%20Health&volume=81&issue=6&pages=769-776&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Structural%20equation%20analysis%20of%20the%20causal%20relationships%20between%20health%20and%20perceived%20indoor%20environment&author=C.%20Brauer&author=E.%20Budtz-Jorgensen&author=S.%20Mikkelsen&journal=Int%20Arch%20Occup%20Enviro%20Health&volume=81&issue=6&pages=769-776&publication_year=2008))
91. Brauer C, Kolstad H, Orbaek P, Mikkelsen S (2006) The sick building syndrome: a chicken and egg situation? *Int Arch Occup Environ Health* 79(6):465–471  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16408193) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=16408193](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16408193))  
[CrossRef](https://doi.org/10.1007/s00420-005-0075-2) (<https://doi.org/10.1007/s00420-005-0075-2>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%20sick%20building%20syndrome%3A%20a%20chicken%20and%20egg%20situation%3F&author=C.%20Brauer&author=H.%20Kolstad&author=P.%20Orbaek&author=S.%20Mikkelsen&journal=Int%20Arch%20Occup%20Enviro%20Health&volume=79&issue=6&pages=465-471&publication_year=2006) ([http://scholar.google.com/scholar\\_lookup?title=The%20sick%20building%20syndrome%3A%20a%20chicken%20and%20egg%20situation%3F&author=C.%20Brauer&author=H.%20Kolstad&author=P.%20Orbaek&author=S.%20Mikkelsen&journal=Int%20Arch%20Occup%20Enviro%20Health&volume=79&issue=6&pages=465-471&publication\\_year=2006](http://scholar.google.com/scholar_lookup?title=The%20sick%20building%20syndrome%3A%20a%20chicken%20and%20egg%20situation%3F&author=C.%20Brauer&author=H.%20Kolstad&author=P.%20Orbaek&author=S.%20Mikkelsen&journal=Int%20Arch%20Occup%20Enviro%20Health&volume=79&issue=6&pages=465-471&publication_year=2006))
92. Brodie EL, DeSantis TZ, Parker JP, Zubietta IX, Piceno YM, Andersen GL (2007) Urban aerosols harbor diverse and dynamic bacterial populations. *Proc Natl Acad Sci U S A* 104(1):299–304  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17182744) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17182744](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17182744))

- CrossRef (<https://doi.org/10.1073/pnas.0608255104>)  
Google Scholar ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18397514](http://scholar.google.com/scholar_lookup?title=Urban%20aerosols%20harbor%20diverse%20and%20dynamic%20bacterial%20populations&author=EL.%20Brodie&author=TZ.%20DeSantis&author=JP.%20Parker&author=IX.%20Zubietta&author=YM.%20Piceno&author=GL.%20Andersen&journal=Proc%20Nat%20Acad%20Sci%20U%20S%20A&volume=104&issue=1&pages=299-304&publication_year=2007</a>)</p>
<p>93. Rintala H, Pitkaranta M, Toivola M, Paulin L, Nevalainen A (2008) Diversity and seasonal dynamics of bacterial community in indoor environment. <i>BMC Microbiol</i> 8:56<br/>
<u>PubMed</u> (<a href=))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2323381>)  
CrossRef (<https://doi.org/10.1186/1471-2180-8-56>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Diversity%20and%20seasonal%20dynamics%20of%20bacterial%20community%20in%20indoor%20environment&author=H.%20Rintala&author=M.%20Pitkaranta&author=M.%20Toivola&author=L.%20Paulin&author=A.%20Nevalainen&journal=BMC%20Microbiol&volume=8&pages=56&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Diversity%20and%20seasonal%20dynamics%20of%20bacterial%20community%20in%20indoor%20environment&author=H.%20Rintala&author=M.%20Pitkaranta&author=M.%20Toivola&author=L.%20Paulin&author=A.%20Nevalainen&journal=BMC%20Microbiol&volume=8&pages=56&publication_year=2008))
94. Schleibinger H, Laussmann D, Bornehag CG, Eis D, Rueden H (2008) Microbial volatile organic compounds in the air of moldy and mold-free indoor environments. *Indoor Air* 18(2):113–124  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18333991](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18333991))  
CrossRef (<https://doi.org/10.1111/j.1600-0668.2007.00513.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Microbial%20volatile%20organic%20compounds%20in%20the%20air%20from%20moldy%20and%20mold-free%20indoor%20environments&author=H.%20Schleibinger&author=D.%20Laussmann&author=CG.%20Bornehag&author=D.%20Eis&author=H.%20Rueden&journal=Indoor%20Air&volume=18&issue=2&pages=113-124&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Microbial%20volatile%20organic%20compounds%20in%20the%20air%20from%20moldy%20and%20mold-free%20indoor%20environments&author=H.%20Schleibinger&author=D.%20Laussmann&author=CG.%20Bornehag&author=D.%20Eis&author=H.%20Rueden&journal=Indoor%20Air&volume=18&issue=2&pages=113-124&publication_year=2008))
95. Markowicz P, Larsson L (2015) Influence of relative humidity on VOC concentrations in indoor air. *Environ Sci Pollut Res Int* 22(8):5772–5779  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25345920](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25345920))  
CrossRef (<https://doi.org/10.1007/s11356-014-3678-x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Influence%20of%20relative%20humidity%20on%20VOC%20concentrations%20in%20indoor%20air&author=P.%20Markowicz&author=L.%20Larsson&journal=Environ%20Sci%20Pollut%20Res%20Int&volume=22&issue=8&pages=5772-5779&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Influence%20of%20relative%20humidity%20on%20VOC%20concentrations%20in%20indoor%20air&author=P.%20Markowicz&author=L.%20Larsson&journal=Environ%20Sci%20Pollut%20Res%20Int&volume=22&issue=8&pages=5772-5779&publication_year=2015))
96. Korpi A, Jarnberg J, Pasanen AL (2009) Microbial volatile organic compounds. *Crit Rev Toxicol* 39(2):139–193  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19204852](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19204852))  
CrossRef (<https://doi.org/10.1080/10408440802291497>)

- Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Microbial%20volatile%20organic%20compounds&author=A.%20Korpi&author=J.%20Jarnberg&author=AL.%20Pasanen&journal=Crit%20Rev%20Toxicol&volume=39&issue=2&pages=139-193&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Microbial%20volatile%20organic%20compounds&author=A.%20Korpi&author=J.%20Jarnberg&author=AL.%20Pasanen&journal=Crit%20Rev%20Toxicol&volume=39&issue=2&pages=139-193&publication_year=2009))
97. Lorentzen JC, Juran SA, Nilsson M, Nordin S, Johanson G (2016) Chloroanisoles may explain mold odor and represent a major indoor environment problem in Sweden. *Indoor Air* 26(2):207–218  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25858592](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25858592))  
CrossRef (<https://doi.org/10.1111/ina.12207>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Chloroanisoles%20may%20explain%20mold%20odor%20and%20represent%20a%20major%20indoor%20environment%20problem%20in%20Sweden&author=JC.%20Lorentzen&author=SA.%20Juran&author=M.%20Nilsson&author=S.%20Nordin&author=G.%20Johanson&journal=Indoor%20Air&volume=26&issue=2&pages=207-218&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Chloroanisoles%20may%20explain%20mold%20odor%20and%20represent%20a%20major%20indoor%20environment%20problem%20in%20Sweden&author=JC.%20Lorentzen&author=SA.%20Juran&author=M.%20Nilsson&author=S.%20Nordin&author=G.%20Johanson&journal=Indoor%20Air&volume=26&issue=2&pages=207-218&publication_year=2016))
98. Dennison JE, Bigelow PL, Mumtaz MM, Andersen ME, Dobrev ID, Yang RS (2005) Evaluation of potential toxicity from co-exposure to three CNS depressants (toluene, ethylbenzene, and xylene) under resting and working conditions using PBPK modeling. *J Occup Environ Hyg* 2(3):127–135  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15764536](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15764536))  
CrossRef (<https://doi.org/10.1080/15459620590916198>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Evaluation%20of%20potential%20toxicity%20from%20co-exposure%20to%20three%20CNS%20depressants%20%28toluene%2C%20ethylbenzene%2C%20and%20xylene%29%20under%20resting%20and%20working%20conditions%20using%20PBPK%20modeling&author=JE.%20Dennison&author=PL.%20Bigelow&author=MM.%20Mumtaz&author=ME.%20Andersen&author=ID.%20Dobrev&author=RS.%20Yang&journal=J%20Occup%20Environ%20Hyg&volume=2&issue=3&pages=127-135&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Evaluation%20of%20potential%20toxicity%20from%20co-exposure%20to%20three%20CNS%20depressants%20%28toluene%2C%20ethylbenzene%2C%20and%20xylene%29%20under%20resting%20and%20working%20conditions%20using%20PBPK%20modeling&author=JE.%20Dennison&author=PL.%20Bigelow&author=MM.%20Mumtaz&author=ME.%20Andersen&author=ID.%20Dobrev&author=RS.%20Yang&journal=J%20Occup%20Environ%20Hyg&volume=2&issue=3&pages=127-135&publication_year=2005))
99. Silva E, Rajapakse N, Kortenkamp A (2002) Something from “nothing”—eight weak estrogenic chemicals combined at concentrations below NOECs produce significant mixture effects. *Environ Sci Technol* 36(8):1751–1756  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11993873](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11993873))  
CrossRef (<https://doi.org/10.1021/es0101227>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Something%20from%20E2%80%9Cnothing%E2%80%9D%E2%80%94eighth%20weak%20estrogenic%20chemicals%20combined%20at%20concentrations%20below%20NOECs%20produce%20significant%20mixture%20effects&author=E.%20Silva&author=N.%20Rajapakse&author=A.%20Kortenkamp&journal=Environ%20Sci%20Technol&volume=36&issue=8&pages=1751-1756&publication\\_year=2002](http://scholar.google.com/scholar_lookup?title=Something%20from%20E2%80%9Cnothing%E2%80%9D%E2%80%94eighth%20weak%20estrogenic%20chemicals%20combined%20at%20concentrations%20below%20NOECs%20produce%20significant%20mixture%20effects&author=E.%20Silva&author=N.%20Rajapakse&author=A.%20Kortenkamp&journal=Environ%20Sci%20Technol&volume=36&issue=8&pages=1751-1756&publication_year=2002))
100. Huttunen K, Pelkonen J, Nielsen KF, Nuutinen U, Jussila J, Hirvonen MR (2004) Synergistic interaction in simultaneous exposure to *Streptomyces californicus* and *Stachybotrys chartarum*. *Environ Health Perspect* 112(6):659–665

- PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15121507](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15121507))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1241958>)  
CrossRef (<https://doi.org/10.1289/ehp.6701>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=Synergistic%20interaction%20in%20simultaneous%20exposure%20to%20Streptomyces%20californicus%20and%20Stachybotrys%20chartarum&author=K.%20Huttunen&author=J.%20Pelkonen&author=KF.%20Nielsen&author=U.%20Nuutinen&author=J.%20Jussila&author=MR.%20Hirvonen&journal=Environ%20Health%20Perspect&volume=112&issue=6&pages=659-665&publication\\_year=2004](http://scholar.google.com/scholar_lookup?title=Synergistic%20interaction%20in%20simultaneous%20exposure%20to%20Streptomyces%20californicus%20and%20Stachybotrys%20chartarum&author=K.%20Huttunen&author=J.%20Pelkonen&author=KF.%20Nielsen&author=U.%20Nuutinen&author=J.%20Jussila&author=MR.%20Hirvonen&journal=Environ%20Health%20Perspect&volume=112&issue=6&pages=659-665&publication_year=2004))
101. Murtoniemi T, Penttinen P, Nevalainen A, Hirvonen MR (2005) Effects of microbial cocultivation on inflammatory and cytotoxic potential of spores. *Inhal Toxicol* 17(12):681–693  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=16087574](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16087574))  
CrossRef (<https://doi.org/10.1080/08958370500189669>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=Effects%20of%20microbial%20cocultivation%20on%20inflammatory%20and%20cytotoxic%20potential%20of%20spores&author=T.%20Murtoniemi&author=P.%20Penttinen&author=A.%20Nevalainen&author=MR.%20Hirvonen&journal=Inhal%20Toxicol&volume=17&issue=12&pages=681-693&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Effects%20of%20microbial%20cocultivation%20on%20inflammatory%20and%20cytotoxic%20potential%20of%20spores&author=T.%20Murtoniemi&author=P.%20Penttinen&author=A.%20Nevalainen&author=MR.%20Hirvonen&journal=Inhal%20Toxicol&volume=17&issue=12&pages=681-693&publication_year=2005))
102. Yli-Pirila T, Huttunen K, Nevalainen A, Seuri M, Hirvonen MR (2007) Effects of co-culture of amoebae with indoor microbes on their cytotoxic and proinflammatory potential. *Environ Toxicol* 22(4):357–367  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17607727](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17607727))  
CrossRef (<https://doi.org/10.1002/tox.20274>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=Effects%20of%20co-culture%20of%20amoebae%20with%20indoor%20microbes%20on%20their%20cytotoxic%20and%20proinflammatory%20potential&author=T.%20Yli-Pirila&author=K.%20Huttunen&author=A.%20Nevalainen&author=M.%20Seuri&author=MR.%20Hirvonen&journal=Environ%20Toxicol&volume=22&issue=4&pages=357-367&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Effects%20of%20co-culture%20of%20amoebae%20with%20indoor%20microbes%20on%20their%20cytotoxic%20and%20proinflammatory%20potential&author=T.%20Yli-Pirila&author=K.%20Huttunen&author=A.%20Nevalainen&author=M.%20Seuri&author=MR.%20Hirvonen&journal=Environ%20Toxicol&volume=22&issue=4&pages=357-367&publication_year=2007))
103. Penttinen P, Huttunen K, Pelkonen J, Hirvonen MR (2005) The proportions of *Streptomyces californicus* and *Stachybotrys chartarum* in simultaneous exposure affect inflammatory responses in mouse RAW264.7 macrophages. *Inhal Toxicol* 17(2):79–85  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15764485](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15764485))  
CrossRef (<https://doi.org/10.1080/08958370590903004>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=The%20proportions%20of%20Streptomyces%20californicus%20and%20Stachybotrys%20chartarum%20in%20simultaneous%20exposure%20affect%20inflammatory%20responses%20in%20mouse%20RAW264.7%20macrophages&author=P.%20Penttinen&author=K.%20Huttunen&author=J.%20Pelkonen&author=M.%20Hirvonen](http://scholar.google.com/scholar_lookup?title=The%20proportions%20of%20Streptomyces%20californicus%20and%20Stachybotrys%20chartarum%20in%20simultaneous%20exposure%20affect%20inflammatory%20responses%20in%20mouse%20RAW264.7%20macrophages&author=P.%20Penttinen&author=K.%20Huttunen&author=J.%20Pelkonen&author=M.%20Hirvonen))

- R.%20Hirvonen&journal=Inhal%20Toxicol&volume=17&issue=2&pages=79-85&publication\_year=2005)
104. Penttinen P, Pelkonen J, Huttunen K, Hirvonen MR (2006) Co-cultivation of *Streptomyces californicus* and *Stachybotrys chartarum* stimulates the production of cytostatic compound(s) with immunotoxic properties. *Toxicol Appl Pharmacol* 217(3):342–351  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17095029) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17095029](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17095029))  
[CrossRef](https://doi.org/10.1016/j.taap.2006.09.010) (<https://doi.org/10.1016/j.taap.2006.09.010>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Co-cultivation%20of%20Streptomyces%2ocalifornicus%20and%20Stachybotrys%20chartarum%20stimulates%20the%20production%20of%20cytostatic%20compound%28s%29%20with%20immunotoxic%20properties&author=P.%20Penttinen&author=J.%20Pelkonen&author=K.%20Huttunen&author=MR.%20Hirvonen&journal=Toxicol%20Appl%20Pharmacol&volume=217&issue=3&pages=342-351&publication_year=2006) ([http://scholar.google.com/scholar\\_lookup?title=Co-cultivation%20of%20Streptomyces%2ocalifornicus%20and%20Stachybotrys%20chartarum%20stimulates%20the%20production%20of%20cytostatic%20compound%28s%29%20with%20immunotoxic%20properties&author=P.%20Penttinen&author=J.%20Pelkonen&author=K.%20Huttunen&author=MR.%20Hirvonen&journal=Toxicol%20Appl%20Pharmacol&volume=217&issue=3&pages=342-351&publication\\_year=2006](http://scholar.google.com/scholar_lookup?title=Co-cultivation%20of%20Streptomyces%2ocalifornicus%20and%20Stachybotrys%20chartarum%20stimulates%20the%20production%20of%20cytostatic%20compound%28s%29%20with%20immunotoxic%20properties&author=P.%20Penttinen&author=J.%20Pelkonen&author=K.%20Huttunen&author=MR.%20Hirvonen&journal=Toxicol%20Appl%20Pharmacol&volume=217&issue=3&pages=342-351&publication_year=2006))
105. Penttinen P, Pelkonen J, Huttunen K, Toivola M, Hirvonen MR (2005) Interactions between *Streptomyces californicus* and *Stachybotrys chartarum* can induce apoptosis and cell cycle arrest in mouse RAW264.7 macrophages. *Toxicol Appl Pharmacol* 202(3):278–288  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15667833) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15667833](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15667833))  
[CrossRef](https://doi.org/10.1016/j.taap.2004.07.002) (<https://doi.org/10.1016/j.taap.2004.07.002>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Interactions%20between%20Streptomyces%2ocalifornicus%20and%20Stachybotrys%20chartarum%20can%20induce%20apoptosis%20and%20cell%20cycle%20arrest%20in%20mouse%20RAW264.7%20macrophages&author=P.%20Penttinen&author=J.%20Pelkonen&author=K.%20Huttunen&author=M.%20Toivola&author=MR.%20Hirvonen&journal=Toxicol%20Appl%20Pharmacol&volume=202&issue=3&pages=278-288&publication_year=2005) ([http://scholar.google.com/scholar\\_lookup?title=Interactions%20between%20Streptomyces%2ocalifornicus%20and%20Stachybotrys%20chartarum%20can%20induce%20apoptosis%20and%20cell%20cycle%20arrest%20in%20mouse%20RAW264.7%20macrophages&author=P.%20Penttinen&author=J.%20Pelkonen&author=K.%20Huttunen&author=M.%20Toivola&author=MR.%20Hirvonen&journal=Toxicol%20Appl%20Pharmacol&volume=202&issue=3&pages=278-288&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Interactions%20between%20Streptomyces%2ocalifornicus%20and%20Stachybotrys%20chartarum%20can%20induce%20apoptosis%20and%20cell%20cycle%20arrest%20in%20mouse%20RAW264.7%20macrophages&author=P.%20Penttinen&author=J.%20Pelkonen&author=K.%20Huttunen&author=M.%20Toivola&author=MR.%20Hirvonen&journal=Toxicol%20Appl%20Pharmacol&volume=202&issue=3&pages=278-288&publication_year=2005))
106. 1994) Acute pulmonary hemorrhage/hemosiderosis among infants—Cleveland, January 1993–November 1994. *MMWR Morb Mortal Wkly Rep* 43(48):881–883  
[Google Scholar](https://scholar.google.com/scholar?q=1994%29%20Acute%20pulmonary%20hemorrhage%2Fhemosiderosis%20among%20infants%E2%80%94Cleveland%2C%20January%201993%E2%80%93November%201994.%20MMWR%20Morb%20Mortal%20Wkly%20Rep%2043%2848%29A881%E2%80%93883) (<https://scholar.google.com/scholar?q=1994%29%20Acute%20pulmonary%20hemorrhage%2Fhemosiderosis%20among%20infants%E2%80%94Cleveland%2C%20January%201993%E2%80%93November%201994.%20MMWR%20Morb%20Mortal%20Wkly%20Rep%2043%2848%29A881%E2%80%93883>)
107. 2000) Update: pulmonary hemorrhage/hemosiderosis among infants—Cleveland, Ohio, 1993–1996. *MMWR Morb Mortal Wkly Rep* 49(9):180–184  
[Google Scholar](https://scholar.google.com/scholar?q=2000%29%20Update%3A%20pulmonary%20hemorrhage%2Fhemosiderosis%20among%20infants%E2%80%94Cleveland%2C%20Ohio%2C%201993%E2%80%931996.%20MMWR%20Morb%20Mortal%20Wkly%20Rep%2049%289%29A180%E2%80%93184) (<https://scholar.google.com/scholar?q=2000%29%20Update%3A%20pulmonary%20hemorrhage%2Fhemosiderosis%20among%20infants%E2%80%94Cleveland%2C%20Ohio%2C%201993%E2%80%931996.%20MMWR%20Morb%20Mortal%20Wkly%20Rep%2049%289%29A180%E2%80%93184>)
108. Edmondson DA, Nordness ME, Zacharisen MC, Kurup VP, Fink JN (2005) Allergy and “toxic mold syndrome”. *Ann Allergy Asthma Immunol.* 94(2):234–239  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15765738) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15765738](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15765738))

- CrossRef ([https://doi.org/10.1016/S1081-1206\(10\)61301-4](https://doi.org/10.1016/S1081-1206(10)61301-4))  
Google Scholar ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=16200814](http://scholar.google.com/scholar_lookup?title>Allergy%20and%20E2%80%9Ctoxic%20mold%20syndrome%20%9D&author=DA.%20Edmondson&author=ME.%20Nordness&author=MC.%20Zacharisen&author=VP.%20Kurup&author=JN.%20Fink&journal=Ann%20Allergy%20Asthma%20Immunol.&volume=94&issue=2&pages=234-239&publication_year=2005</a>)</p>
<p>109. Khalili B, Montanaro MT, Bardana EJ Jr (2005) Inhalational mold toxicity: fact or fiction? A clinical review of 50 cases. <i>Ann Allergy Asthma Immunol</i> 95(3):239–246<br/>
<u>PubMed</u> (<a href=))  
CrossRef ([https://doi.org/10.1016/S1081-1206\(10\)61220-3](https://doi.org/10.1016/S1081-1206(10)61220-3))  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Inhalational%20mold%20toxicity%3A%20of%20fact%20or%20fiction%3F%20A%20clinical%20review%20of%2050%20cases&author=B.%20Khalili&author=MT.%20Montanaro&author=EJ.%20Bardana&journal=Ann%20Allergy%20Asthma%20Immunol&volume=95&issue=3&pages=239-246&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Inhalational%20mold%20toxicity%3A%20of%20fact%20or%20fiction%3F%20A%20clinical%20review%20of%2050%20cases&author=B.%20Khalili&author=MT.%20Montanaro&author=EJ.%20Bardana&journal=Ann%20Allergy%20Asthma%20Immunol&volume=95&issue=3&pages=239-246&publication_year=2005))
110. Hong SB, Lee M, Kim DH, Chung SH, Shin HD, Samson RA (2013) The proportion of non-aflatoxigenic strains of the *Aspergillus flavus/oryzae* complex from meju by analyses of the aflatoxin biosynthetic genes. *J Microbiol* 51(6):766–772  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=24385353](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24385353))  
CrossRef (<https://doi.org/10.1007/s12275-013-3128-3>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=The%20proportion%20of%20non-aflatoxigenic%20strains%20from%20the%20Aspergillus%20flavus%20foryzae%20complex%20from%20meju%20by%20analyses%20of%20the%20aflatoxin%20biosynthetic%20genes&author=SB.%20Hong&author=M.%20Lee&author=DH.%20Kim&author=SH.%20Chung&author=HD.%20Shin&author=RA.%20Samson&journal=J%20Microbiol&volume=51&issue=6&pages=766-772&publication\\_year=2013](http://scholar.google.com/scholar_lookup?title=The%20proportion%20of%20non-aflatoxigenic%20strains%20from%20the%20Aspergillus%20flavus%20foryzae%20complex%20from%20meju%20by%20analyses%20of%20the%20aflatoxin%20biosynthetic%20genes&author=SB.%20Hong&author=M.%20Lee&author=DH.%20Kim&author=SH.%20Chung&author=HD.%20Shin&author=RA.%20Samson&journal=J%20Microbiol&volume=51&issue=6&pages=766-772&publication_year=2013))
111. Panaccione DG, Coyle CM (2005) Abundant respirable ergot alkaloids from the common airborne fungus *Aspergillus fumigatus*. *Appl Environ Microbiol* 71(6):3106–3111  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15933008](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15933008))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1151833>)  
CrossRef (<https://doi.org/10.1128/AEM.71.6.3106-3111.2005>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Abundant%20respirable%20ergot%20alkaloids%20from%20the%20common%20airborne%20fungus%20Aspergillus%20fumigatus&author=DG.%20Panaccione&author=CM.%20Coyle&journal=Appl%20Environ%20Microbiol&volume=71&issue=6&pages=3106-3111&publication\\_year=2005](http://scholar.google.com/scholar_lookup?title=Abundant%20respirable%20ergot%20alkaloids%20from%20the%20common%20airborne%20fungus%20Aspergillus%20fumigatus&author=DG.%20Panaccione&author=CM.%20Coyle&journal=Appl%20Environ%20Microbiol&volume=71&issue=6&pages=3106-3111&publication_year=2005))
112. Razzaghi-Abyaneh M, Shams-Ghahfarokhi M, Allameh A et al (2006) A survey on distribution of *Aspergillus* section Flavi in corn field soils in Iran: population

- patterns based on aflatoxins, cyclopiazonic acid and sclerotia production. *Mycopathologia* 161(3):183–192  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16482391) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=16482391](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16482391))  
[CrossRef](https://doi.org/10.1007/s11046-005-0242-8) (<https://doi.org/10.1007/s11046-005-0242-8>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=A%20survey%20on%20distribution%20of%20Aspergillus%20section%20Flavi%20in%20corn%20field%20soils%20in%20Iran%3A%20population%20patterns%20based%20on%20aflatoxins%2C%20cyclopiazonic%20acid%20and%20sclerotia%20production&author=M.%20Razzaghi-Abyaneh&author=M.%20Shams-Ghahfarokhi&author=A.%20Allameh&journal=Mycopathologia&volume=161&issue=3&pages=183-192&publication_year=2006) ([http://scholar.google.com/scholar\\_lookup?  
title=A%20survey%20on%20distribution%20of%20Aspergillus%20section%20Flavi%20in%20corn%20field%20soils%20in%20Iran%3A%20population%20patterns%20based%20on%20aflatoxins%2C%20cyclopiazonic%20acid%20and%20sclerotia%20production&author=M.%20Razzaghi-Abyaneh&author=M.%20Shams-Ghahfarokhi&author=A.%20Allameh&journal=Mycopathologia&volume=161&issue=3&pages=183-192&publication\\_year=2006](http://scholar.google.com/scholar_lookup?title=A%20survey%20on%20distribution%20of%20Aspergillus%20section%20Flavi%20in%20corn%20field%20soils%20in%20Iran%3A%20population%20patterns%20based%20on%20aflatoxins%2C%20cyclopiazonic%20acid%20and%20sclerotia%20production&author=M.%20Razzaghi-Abyaneh&author=M.%20Shams-Ghahfarokhi&author=A.%20Allameh&journal=Mycopathologia&volume=161&issue=3&pages=183-192&publication_year=2006))
113. Andersen B, Nielsen KF, Jarvis BB (2002) Characterization of *Stachybotrys* from water-damaged buildings based on morphology, growth, and metabolite production. *Mycologia* 94(3):392–403  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21156510) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21156510](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21156510))  
[CrossRef](https://doi.org/10.1080/15572536.2003.11833204) (<https://doi.org/10.1080/15572536.2003.11833204>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Characterization%20of%20Stachybotrys%20from%20water-damaged%20buildings%20based%20on%20morphology%2C%20growth%2C%20and%20metabolite%20production&author=B.%20Andersen&author=KF.%20Nielsen&author=BB.%20Jarvis&journal=Mycologia&volume=94&issue=3&pages=392-403&publication_year=2002) ([http://scholar.google.com/scholar\\_lookup?  
title=Characterization%20of%20Stachybotrys%20from%20water-damaged%20buildings%20based%20on%20morphology%2C%20growth%2C%20and%20metabolite%20production&author=B.%20Andersen&author=KF.%20Nielsen&author=BB.%20Jarvis&journal=Mycologia&volume=94&issue=3&pages=392-403&publication\\_year=2002](http://scholar.google.com/scholar_lookup?title=Characterization%20of%20Stachybotrys%20from%20water-damaged%20buildings%20based%20on%20morphology%2C%20growth%2C%20and%20metabolite%20production&author=B.%20Andersen&author=KF.%20Nielsen&author=BB.%20Jarvis&journal=Mycologia&volume=94&issue=3&pages=392-403&publication_year=2002))
114. Andersen B, Nielsen KF, Thrane U, Szaro T, Taylor JW, Jarvis BB (2003) Molecular and phenotypic descriptions of *Stachybotrys chlorohalonata* sp. nov. and two chemotypes of *Stachybotrys chartarum* found in water-damaged buildings. *Mycologia* 95(6):1227–1238  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21149024) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=21149024](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=21149024))  
[CrossRef](https://doi.org/10.1080/15572536.2004.11833031) (<https://doi.org/10.1080/15572536.2004.11833031>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Molecular%20and%20phenotypic%20descriptions%20of%20Stachybotrys%20chlorohalonata%20sp.%20nov.%20and%20two%20chemotypes%20of%20Stachybotrys%20chartarum%20found%20in%20water-damaged%20buildings&author=B.%20Andersen&author=KF.%20Nielsen&author=U.%20Thrane&author=T.%20Szaro&author=JW.%20Taylor&author=BB.%20Jarvis&journal=Mycologia&volume=95&issue=6&pages=1227-1238&publication_year=2003) ([http://scholar.google.com/scholar\\_lookup?  
title=Molecular%20and%20phenotypic%20descriptions%20of%20Stachybotrys%20chlorohalonata%20sp.%20nov.%20and%20two%20chemotypes%20of%20Stachybotrys%20chartarum%20found%20in%20water-damaged%20buildings&author=B.%20Andersen&author=KF.%20Nielsen&author=U.%20Thrane&author=T.%20Szaro&author=JW.%20Taylor&author=BB.%20Jarvis&journal=Mycologia&volume=95&issue=6&pages=1227-1238&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Molecular%20and%20phenotypic%20descriptions%20of%20Stachybotrys%20chlorohalonata%20sp.%20nov.%20and%20two%20chemotypes%20of%20Stachybotrys%20chartarum%20found%20in%20water-damaged%20buildings&author=B.%20Andersen&author=KF.%20Nielsen&author=U.%20Thrane&author=T.%20Szaro&author=JW.%20Taylor&author=BB.%20Jarvis&journal=Mycologia&volume=95&issue=6&pages=1227-1238&publication_year=2003))
115. Engelhart S, Loock A, Skutlarek D et al (2002) Occurrence of toxigenic *Aspergillus versicolor* isolates and sterigmatocystin in carpet dust from damp indoor environments. *Appl Environ Microbiol* 68(8):3886–3890  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12147486) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=12147486](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12147486))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC124040) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC124040>)  
[CrossRef](https://doi.org/10.1128/AEM.68.8.3886-3890.2002) (<https://doi.org/10.1128/AEM.68.8.3886-3890.2002>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Occurrence%20of%20toxigenic%20Aspergillus%20versicolor%20isolates%20and%20sterigmatocystin%20in%20carpet%20dust%20from%20damp%20indoor) ([http://scholar.google.com/scholar\\_lookup?  
title=Occurrence%20of%20toxigenic%20Aspergillus%20versicolor%20isolates%20and%20sterigmatocystin%20in%20carpet%20dust%20from%20damp%20indoor](http://scholar.google.com/scholar_lookup?title=Occurrence%20of%20toxigenic%20Aspergillus%20versicolor%20isolates%20and%20sterigmatocystin%20in%20carpet%20dust%20from%20damp%20indoor))

- r%20environments&author=S.%20Engelhart&author=A.%20Loock&author=D.%20Skutlarek&journal=Appl%20Environ%20Microbiol&volume=68&issue=8&pages=3886-3890&publication\_year=2002)
116. Calvo AM, Wilson RA, Bok JW, Keller NP (2002) Relationship between secondary metabolism and fungal development. *Microbiol Mol Biol Rev* 66(3):447–459  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12208999) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=12208999](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12208999))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC120793) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC120793>)  
[CrossRef](https://doi.org/10.1128/MMBR.66.3.447-459.2002) (<https://doi.org/10.1128/MMBR.66.3.447-459.2002>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Relationship%20between%20secondary%20metabolism%20and%20fungal%20development&author=AM.%20Calvo&author=RA.%20Wilson&author=JW.%20Bok&author=NP.%20Keller&journal=Microbiol%20Mol%20Biol%20Rev&volume=66&issue=3&pages=447-459&publication_year=2002) ([http://scholar.google.com/scholar\\_lookup?title=Relationship%20between%20secondary%20metabolism%20and%20fungal%20development&author=AM.%20Calvo&author=RA.%20Wilson&author=JW.%20Bok&author=NP.%20Keller&journal=Microbiol%20Mol%20Biol%20Rev&volume=66&issue=3&pages=447-459&publication\\_year=2002](http://scholar.google.com/scholar_lookup?title=Relationship%20between%20secondary%20metabolism%20and%20fungal%20development&author=AM.%20Calvo&author=RA.%20Wilson&author=JW.%20Bok&author=NP.%20Keller&journal=Microbiol%20Mol%20Biol%20Rev&volume=66&issue=3&pages=447-459&publication_year=2002))
117. Skaug MA, Eduard W, Stormer FC (2001) Ochratoxin A in airborne dust and fungal conidia. *Mycopathologia* 151(2):93–98  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11554583) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11554583](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11554583))  
[CrossRef](https://doi.org/10.1023/A%3A1010953401173) (<https://doi.org/10.1023/A%3A1010953401173>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Ochratoxin%20A%20in%20airborne%20dust%20and%20fungal%20conidia&author=MA.%20Skaug&author=W.%20Eduard&author=FC.%20Stormer&journal=Mycopathologia&volume=151&issue=2&pages=93-98&publication_year=2001) ([http://scholar.google.com/scholar\\_lookup?title=Ochratoxin%20A%20in%20airborne%20dust%20and%20fungal%20conidia&author=MA.%20Skaug&author=W.%20Eduard&author=FC.%20Stormer&journal=Mycopathologia&volume=151&issue=2&pages=93-98&publication\\_year=2001](http://scholar.google.com/scholar_lookup?title=Ochratoxin%20A%20in%20airborne%20dust%20and%20fungal%20conidia&author=MA.%20Skaug&author=W.%20Eduard&author=FC.%20Stormer&journal=Mycopathologia&volume=151&issue=2&pages=93-98&publication_year=2001))
118. Sorenson WG, Frazer DG, Jarvis BB, Simpson J, Robinson VA (1987) Trichothecene mycotoxins in aerosolized conidia of *Stachybotrys atra*. *Appl Environ Microbiol* 53(6):1370–1375  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=3496850) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=3496850](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=3496850))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC203872) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC203872>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Trichothecene%20mycotoxins%20in%20aerosolized%20conidia%20of%20Stachybotrys%20atra&author=WG.%20Sorenson&author=DG.%20Frazer&author=BB.%20Jarvis&author=J.%20Simpson&author=VA.%20Robinson&journal=Appl%20Environ%20Microbiol&volume=53&issue=6&pages=1370-1375&publication_year=1987) ([http://scholar.google.com/scholar\\_lookup?title=Trichothecene%20mycotoxins%20in%20aerosolized%20conidia%20of%20Stachybotrys%20atra&author=WG.%20Sorenson&author=DG.%20Frazer&author=BB.%20Jarvis&author=J.%20Simpson&author=VA.%20Robinson&journal=Appl%20Environ%20Microbiol&volume=53&issue=6&pages=1370-1375&publication\\_year=1987](http://scholar.google.com/scholar_lookup?title=Trichothecene%20mycotoxins%20in%20aerosolized%20conidia%20of%20Stachybotrys%20atra&author=WG.%20Sorenson&author=DG.%20Frazer&author=BB.%20Jarvis&author=J.%20Simpson&author=VA.%20Robinson&journal=Appl%20Environ%20Microbiol&volume=53&issue=6&pages=1370-1375&publication_year=1987))
119. Gareis M, Gottschalk C (Aug 2014) *Stachybotrys* spp. and the guttation phenomenon. *Mycotoxin Res* 30(3):151–159  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24619360) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=24619360](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24619360))  
[CrossRef](https://doi.org/10.1007/s12550-014-0193-3) (<https://doi.org/10.1007/s12550-014-0193-3>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Stachybotrys%20spp.%20and%20the%20guttation%20phenomenon&author=M.%20Gareis&author=C.%20Gottschalk&journal=Mycotoxin%20Res&volume=30&issue=3&pages=151-159&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=Stachybotrys%20spp.%20and%20the%20guttation%20phenomenon&author=M.%20Gareis&author=C.%20Gottschalk&journal=Mycotoxin%20Res&volume=30&issue=3&pages=151-159&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Stachybotrys%20spp.%20and%20the%20guttation%20phenomenon&author=M.%20Gareis&author=C.%20Gottschalk&journal=Mycotoxin%20Res&volume=30&issue=3&pages=151-159&publication_year=2014))
120. Bellanger AP, Reboux G, Roussel S et al (2009) Indoor fungal contamination of moisture-damaged and allergic patient housing analysed using real-time PCR. *Lett Appl Microbiol* 49(2):260–266

PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19486284](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19486284))  
CrossRef (<https://doi.org/10.1111/j.1472-765X.2009.02653.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Indoor%20fungal%20contamination%20of%20moisture-damaged%20and%20allergic%20patient%20housing%20analysed%20using%20real-time%20PCR&author=AP.%20Bellanger&author=G.%20Reboux&author=S.%20Roussel&journal=Lett%20Appl%20Microbiol&volume=49&issue=2&pages=260-266&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Indoor%20fungal%20contamination%20of%20moisture-damaged%20and%20allergic%20patient%20housing%20analysed%20using%20real-time%20PCR&author=AP.%20Bellanger&author=G.%20Reboux&author=S.%20Roussel&journal=Lett%20Appl%20Microbiol&volume=49&issue=2&pages=260-266&publication_year=2009))

121. Shelton BG, Kirkland KH, Flanders WD, Morris GK (2002) Profiles of airborne fungi in buildings and outdoor environments in the United States. *Appl Environ Microbiol* 68(4):1743–1753  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=11916692](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=11916692))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC123871>)  
CrossRef (<https://doi.org/10.1128/AEM.68.4.1743-1753.2002>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Profiles%20of%20airborne%20fungi%20in%20buildings%20and%20outdoor%20environments%20in%20the%20United%20States&author=BG.%20Shelton&author=KH.%20Kirkland&author=WD.%20Flanders&author=GK.%20Morris&journal=Appl%20Environ%20Microbiol&volume=68&issue=4&pages=1743-1753&publication\\_year=2002](http://scholar.google.com/scholar_lookup?title=Profiles%20of%20airborne%20fungi%20in%20buildings%20and%20outdoor%20environments%20in%20the%20United%20States&author=BG.%20Shelton&author=KH.%20Kirkland&author=WD.%20Flanders&author=GK.%20Morris&journal=Appl%20Environ%20Microbiol&volume=68&issue=4&pages=1743-1753&publication_year=2002))
122. Chew GL, Wilson J, Rabito FA et al (2006) Mold and endotoxin levels in the aftermath of hurricane Katrina: a pilot project of homes in New Orleans undergoing renovation. *Environ Health Perspect* 114(12):1883–1889  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17185280](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17185280))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1764149>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Mold%20and%20endotoxin%20levels%20in%20the%20aftermath%20of%20hurricane%20Katrina%3A%20a%20pilot%20project%20of%20homes%20in%20New%20Orleans%20undergoing%20renovation&author=GL.%20Chew&author=J.%20Wilson&author=FA.%20Rabito&journal=Environ%20Health%20Perspect&volume=114&issue=12&pages=1883-1889&publication\\_year=2006](http://scholar.google.com/scholar_lookup?title=Mold%20and%20endotoxin%20levels%20in%20the%20aftermath%20of%20hurricane%20Katrina%3A%20a%20pilot%20project%20of%20homes%20in%20New%20Orleans%20undergoing%20renovation&author=GL.%20Chew&author=J.%20Wilson&author=FA.%20Rabito&journal=Environ%20Health%20Perspect&volume=114&issue=12&pages=1883-1889&publication_year=2006))
123. Bloom E, Grimsley LF, Pehrson C, Lewis J, Larsson L (2009) Molds and mycotoxins in dust from water-damaged homes in New Orleans after hurricane Katrina. *Indoor Air* 19(2):153–158  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19191921](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19191921))  
CrossRef (<https://doi.org/10.1111/j.1600-0668.2008.00574.x>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Molds%20and%20mycotoxins%20in%20dust%20from%20water-damaged%20homes%20in%20New%20Orleans%20after%20hurricane%20Katrina&author=E.%20Bloom&author=LF.%20Grimsley&author=C.%20Pehrson&author=J.%20Lewis&author=L.%20Larsson&journal=Indoor%20Air&volume=19&issue=2&pages=153-158&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=Molds%20and%20mycotoxins%20in%20dust%20from%20water-damaged%20homes%20in%20New%20Orleans%20after%20hurricane%20Katrina&author=E.%20Bloom&author=LF.%20Grimsley&author=C.%20Pehrson&author=J.%20Lewis&author=L.%20Larsson&journal=Indoor%20Air&volume=19&issue=2&pages=153-158&publication_year=2009))

124. Iossifova Y, Reponen T, Sucharew H, Succop P, Vesper S (2008) Use of (1-3)-beta-d-glucan concentrations in dust as a surrogate method for estimating specific fungal exposures. *Indoor Air* 18(3):225–232  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18429996) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18429996](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18429996))  
[CrossRef](https://doi.org/10.1111/j.1600-0668.2008.00526.x) (<https://doi.org/10.1111/j.1600-0668.2008.00526.x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Use%20of%20beta-d-glucan%20concentrations%20in%20dust%20as%20a%20surrogate%20method%20for%20estimating%20specific%20fungal%20exposures&author=Y.%20Iossifova&author=T.%20Reponen&author=H.%20Sucharew&author=P.%20Succop&author=S.%20Vesper&journal=Indoor%20Air&volume=18&issue=3&pages=225-232&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Use%20of%20beta-d-glucan%20concentrations%20in%20dust%20as%20a%20surrogate%20method%20for%20estimating%20specific%20fungal%20exposures&author=Y.%20Iossifova&author=T.%20Reponen&author=H.%20Sucharew&author=P.%20Succop&author=S.%20Vesper&journal=Indoor%20Air&volume=18&issue=3&pages=225-232&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Use%20of%20beta-d-glucan%20concentrations%20in%20dust%20as%20a%20surrogate%20method%20for%20estimating%20specific%20fungal%20exposures&author=Y.%20Iossifova&author=T.%20Reponen&author=H.%20Sucharew&author=P.%20Succop&author=S.%20Vesper&journal=Indoor%20Air&volume=18&issue=3&pages=225-232&publication_year=2008))
125. Hardin BD, Robbins CA, Fallah P, Kelman BJ (2009) The concentration of no toxicologic concern (CoNTC) and airborne mycotoxins. *J Toxicol Environ Health A* 72(9):585–598  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19296408) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19296408](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19296408))  
[CrossRef](https://doi.org/10.1080/15287390802706389) (<https://doi.org/10.1080/15287390802706389>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%20concentration%20of%20no%20toxicologic%20concern%20CoNTC%20and%20airborne%20mycotoxins&author=BD.%20Hardin&author=C.A.%20Robbins&author=P.%20Fallah&author=BJ.%20Kelman&journal=J%20Toxicol%20Environ%20Health%20A&volume=72&issue=9&pages=585-598&publication_year=2009) ([http://scholar.google.com/scholar\\_lookup?title=The%20concentration%20of%20no%20toxicologic%20concern%20CoNTC%20and%20airborne%20mycotoxins&author=BD.%20Hardin&author=C.A.%20Robbins&author=P.%20Fallah&author=BJ.%20Kelman&journal=J%20Toxicol%20Environ%20Health%20A&volume=72&issue=9&pages=585-598&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=The%20concentration%20of%20no%20toxicologic%20concern%20CoNTC%20and%20airborne%20mycotoxins&author=BD.%20Hardin&author=C.A.%20Robbins&author=P.%20Fallah&author=BJ.%20Kelman&journal=J%20Toxicol%20Environ%20Health%20A&volume=72&issue=9&pages=585-598&publication_year=2009))
126. Gottschalk C, Bauer J, Meyer K (2008) Detection of satratoxin G and H in indoor air from a water-damaged building. *Mycopathologia* 166(2):103–107  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18443920) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=18443920](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18443920))  
[CrossRef](https://doi.org/10.1007/s11046-008-9126-z) (<https://doi.org/10.1007/s11046-008-9126-z>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Detection%20of%20satratoxin%20G%20and%20H%20in%20indoor%20air%20from%20water-damaged%20building&author=C.%20Gottschalk&author=J.%20Bauer&author=K.%20Meyer&journal=Mycopathologia&volume=166&issue=2&pages=103-107&publication_year=2008) ([http://scholar.google.com/scholar\\_lookup?title=Detection%20of%20satratoxin%20G%20and%20H%20in%20indoor%20air%20from%20water-damaged%20building&author=C.%20Gottschalk&author=J.%20Bauer&author=K.%20Meyer&journal=Mycopathologia&volume=166&issue=2&pages=103-107&publication\\_year=2008](http://scholar.google.com/scholar_lookup?title=Detection%20of%20satratoxin%20G%20and%20H%20in%20indoor%20air%20from%20water-damaged%20building&author=C.%20Gottschalk&author=J.%20Bauer&author=K.%20Meyer&journal=Mycopathologia&volume=166&issue=2&pages=103-107&publication_year=2008))
127. Pottier D, Andre V, Rioult JP, Bourreau A, Duhamel C, Bouchart VK (2014) Airborne molds and mycotoxins in *Serpula lacrymans*-damaged homes. *Atmos Pollut Res* 5(2):325–334  
[CrossRef](https://doi.org/10.5094/APR.2014.038) (<https://doi.org/10.5094/APR.2014.038>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Airborne%20molds%20and%20mycotoxins%20in%20Serpula%20lacrymans-damaged%20homes&author=D.%20Pottier&author=V.%20Andre&author=JP.%20Rioult&author=A.%20Bourreau&author=C.%20Duhamel&author=VK.%20Bouchart&journal=Atmos%20Pollut%20Res&volume=5&issue=2&pages=325-334&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=Airborne%20molds%20and%20mycotoxins%20in%20Serpula%20lacrymans-damaged%20homes&author=D.%20Pottier&author=V.%20Andre&author=JP.%20Rioult&author=A.%20Bourreau&author=C.%20Duhamel&author=VK.%20Bouchart&journal=Atmos%20Pollut%20Res&volume=5&issue=2&pages=325-334&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=Airborne%20molds%20and%20mycotoxins%20in%20Serpula%20lacrymans-damaged%20homes&author=D.%20Pottier&author=V.%20Andre&author=JP.%20Rioult&author=A.%20Bourreau&author=C.%20Duhamel&author=VK.%20Bouchart&journal=Atmos%20Pollut%20Res&volume=5&issue=2&pages=325-334&publication_year=2014))

128. Polizzi V, Delmulle B, Adams A et al (2009) JEM spotlight: fungi, mycotoxins and microbial volatile organic compounds in mouldy interiors from water-damaged buildings. *J Environ Monit* 11(10):1849–1858  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19809708) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=19809708](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=19809708))  
[CrossRef](https://doi.org/10.1039/b906856b) (<https://doi.org/10.1039/b906856b>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=JEM%20spotlight%3A%20fungi%2C%20mycotoxins%20and%20microbial%20volatile%20organic%20compounds%20in%20mouldy%20interiors%20from%20water-damaged%20buildings&author=V.%20Polizzi&author=B.%20Delmulle&author=A.%20Adams&journal=J%20Environ%20Monit&volume=11&issue=10&pages=1849-1858&publication_year=2009) ([http://scholar.google.com/scholar\\_lookup?title=JEM%20spotlight%3A%20fungi%2C%20mycotoxins%20and%20microbial%20volatile%20organic%20compounds%20in%20mouldy%20interiors%20from%20water-damaged%20buildings&author=V.%20Polizzi&author=B.%20Delmulle&author=A.%20Adams&journal=J%20Environ%20Monit&volume=11&issue=10&pages=1849-1858&publication\\_year=2009](http://scholar.google.com/scholar_lookup?title=JEM%20spotlight%3A%20fungi%2C%20mycotoxins%20and%20microbial%20volatile%20organic%20compounds%20in%20mouldy%20interiors%20from%20water-damaged%20buildings&author=V.%20Polizzi&author=B.%20Delmulle&author=A.%20Adams&journal=J%20Environ%20Monit&volume=11&issue=10&pages=1849-1858&publication_year=2009))
129. Bloom E, Bal K, Nyman E, Must A, Larsson L (2007) Mass spectrometry-based strategy for direct detection and quantification of some mycotoxins produced by *Stachybotrys* and *Aspergillus* spp. in indoor environments. *Appl Environ Microbiol* 73(13):4211–4217  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17483261) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17483261](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17483261))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1932766) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1932766>)  
[CrossRef](https://doi.org/10.1128/AEM.00343-07) (<https://doi.org/10.1128/AEM.00343-07>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Mass%20spectrometry-based%20strategy%20for%20direct%20detection%20and%20quantification%20of%20some%20mycotoxins%20produced%20by%20Stachybotrys%20and%20Aspergillus%20spp.%20in%20indoor%20environments&author=E.%20Bloom&author=K.%20Bal&author=E.%20Nyman&author=A.%20Must&author=L.%20Larsson&journal=Appl%20Environ%20Microbiol&volume=73&issue=13&pages=4211-4217&publication_year=2007) ([http://scholar.google.com/scholar\\_lookup?title=Mass%20spectrometry-based%20strategy%20for%20direct%20detection%20and%20quantification%20of%20some%20mycotoxins%20produced%20by%20Stachybotrys%20and%20Aspergillus%20spp.%20in%20indoor%20environments&author=E.%20Bloom&author=K.%20Bal&author=E.%20Nyman&author=A.%20Must&author=L.%20Larsson&journal=Appl%20Environ%20Microbiol&volume=73&issue=13&pages=4211-4217&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Mass%20spectrometry-based%20strategy%20for%20direct%20detection%20and%20quantification%20of%20some%20mycotoxins%20produced%20by%20Stachybotrys%20and%20Aspergillus%20spp.%20in%20indoor%20environments&author=E.%20Bloom&author=K.%20Bal&author=E.%20Nyman&author=A.%20Must&author=L.%20Larsson&journal=Appl%20Environ%20Microbiol&volume=73&issue=13&pages=4211-4217&publication_year=2007))
130. Degen H (2011) Tools for investigating workplace-related risks from mycotoxin exposure. *World Mycotoxin J* 4(3):315–327  
[CrossRef](https://doi.org/10.3920/WMJ2011.1295) (<https://doi.org/10.3920/WMJ2011.1295>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Tools%20for%20investigating%20workplace-related%20risks%20from%20mycotoxin%20exposure&author=H.%20Degen&journal=World%20Mycotoxin%20J&volume=4&issue=3&pages=315-327&publication_year=2011) ([http://scholar.google.com/scholar\\_lookup?title=Tools%20for%20investigating%20workplace-related%20risks%20from%20mycotoxin%20exposure&author=H.%20Degen&journal=World%20Mycotoxin%20J&volume=4&issue=3&pages=315-327&publication\\_year=2011](http://scholar.google.com/scholar_lookup?title=Tools%20for%20investigating%20workplace-related%20risks%20from%20mycotoxin%20exposure&author=H.%20Degen&journal=World%20Mycotoxin%20J&volume=4&issue=3&pages=315-327&publication_year=2011))
131. Mo X, Lai H, Yang Y et al (2014) How does airway exposure of aflatoxin B1 affect serum albumin adduct concentrations? Evidence based on epidemiological study and animal experimentation. *J Toxicol Sci* 39(4):645–653  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25056789) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25056789](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25056789))  
[CrossRef](https://doi.org/10.2131/jts.39.645) (<https://doi.org/10.2131/jts.39.645>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=How%20does%20airway%20exposure%20of%20aflatoxin%20B1%20affect%20serum%20albumin%20adduct%20concentrations%3F%20Evidence%20based%20on%20epidemiological%20study%20and%20animal%20experimentation&author=X.%20Mo&author=H.%20Lai&author=Y.%20Yang&journal=J%20Toxicol%20Sci&volume=39&issue=4&pages=645-653&publication_year=2014) ([http://scholar.google.com/scholar\\_lookup?title=How%20does%20airway%20exposure%20of%20aflatoxin%20B1%20affect%20serum%20albumin%20adduct%20concentrations%3F%20Evidence%20based%20on%20epidemiological%20study%20and%20animal%20experimentation&author=X.%20Mo&author=H.%20Lai&author=Y.%20Yang&journal=J%20Toxicol%20Sci&volume=39&issue=4&pages=645-653&publication\\_year=2014](http://scholar.google.com/scholar_lookup?title=How%20does%20airway%20exposure%20of%20aflatoxin%20B1%20affect%20serum%20albumin%20adduct%20concentrations%3F%20Evidence%20based%20on%20epidemiological%20study%20and%20animal%20experimentation&author=X.%20Mo&author=H.%20Lai&author=Y.%20Yang&journal=J%20Toxicol%20Sci&volume=39&issue=4&pages=645-653&publication_year=2014))

132. Viegas S, Veiga L, Malta-Vacas J et al (2012) Occupational exposure to aflatoxin (AFB (1)) in poultry production. *J Toxicol Environ Health A*. 75(22–23):1330–1340  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23095151) ([CrossRef](https://doi.org/10.1080/15287394.2012.721164))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Occupational%20exposure%20to%20aflatoxin%20%28AFB%20%281%29%29%20in%20poultry%20production&author=S.%20Viegas&author=L.%20Veiga&author=J.%20Malta-Vacas&journal=J%20Toxicol%20Environ%20Health%20A.&volume=75&issue=22%20%9323&pages=1330-1340&publication_year=2012)
133. Yike I, Distler AM, Ziady AG, Dearborn DG (2006) Mycotoxin adducts on human serum albumin: biomarkers of exposure to *Stachybotrys chartarum*. *Environ Health Perspect* 114(8):1221–1226  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=16882529) ([PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1552036))  
[CrossRef](https://doi.org/10.1289/ehp.9064) ([Google Scholar](http://scholar.google.com/scholar_lookup?title=Mycotoxin%20adducts%20on%20human%20serum%20albumin%3A%20biomarkers%20of%20exposure%20to%20Stachybotrys%20chartarum&author=I.%20Yike&author=AM.%20Distler&author=AG.%20Ziady&author=DG.%20Dearborn&journal=Environ%20Health%20Perspect&volume=114&issue=8&pages=1221-1226&publication_year=2006))
134. Amuzie CJ, Harkema JR, Pestka JJ (2008) Tissue distribution and proinflammatory cytokine induction by the trichothecene deoxynivalenol in the mouse: comparison of nasal vs. oral exposure. *Toxicology* 248(1):39–44  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=18433975) ([CrossRef](https://doi.org/10.1016/j.tox.2008.03.005))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Tissue%20distribution%20and%20proinflammatory%20cytokine%20induction%20by%20the%20trichothecene%20deoxynivalenol%20in%20the%20mouse%3A%20comparison%20of%20nasal%20vs.%20oral%20exposure&author=CJ.%20Amuzie&author=JR.%20Harkema&author=JJ.%20Pestka&journal=Toxicology&volume=248&issue=1&pages=39-44&publication_year=2008)
135. Creasia DA, Thurman JD, Jones LJ (1987) 3rd, et al. acute inhalation toxicity of T-2 mycotoxin in mice. *Fundam Appl Toxicol* 8(2):230–235  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=3556834) ([CrossRef](https://doi.org/10.1016/0272-0590(87)90121-7))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=3rd%2C%20et%20al.%20acute%20inhalation%20toxicity%20of%20T-2%20mycotoxin%20in%20mice&author=DA.%20Creasia&author=JD.%20Thurman&author=LJ.%20Jones&journal=Fundam%20Appl%20Toxicol&volume=8&issue=2&pages=230-235&publication_year=1987)

136. Creasia DA, Thurman JD, Wannemacher RW Jr, Bunner DL (1990) Acute inhalation toxicity of T-2 mycotoxin in the rat and guinea pig. *Fundam Appl Toxicol* 14(1):54–59  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=2307322) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=2307322](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=2307322))  
[CrossRef](https://doi.org/10.1016/0272-0590(90)90230-H) ([https://doi.org/10.1016/0272-0590\(90\)90230-H](https://doi.org/10.1016/0272-0590(90)90230-H))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Acute%20inhalation%20toxicity%20of%20T-2%20mycotoxin%20in%20the%20rat%20and%20guinea%20pig&author=DA.%20Creasia&author=JD.%20Thurman&author=RW.%20Wannemacher&author=DL.%20Bunner&journal=Fundam%20Appl%20Toxicol&volume=14&issue=1&pages=54-59&publication_year=1990) ([http://scholar.google.com/scholar\\_lookup?title=Acute%20inhalation%20toxicity%20of%20T-2%20mycotoxin%20in%20the%20rat%20and%20guinea%20pig&author=DA.%20Creasia&author=JD.%20Thurman&author=RW.%20Wannemacher&author=DL.%20Bunner&journal=Fundam%20Appl%20Toxicol&volume=14&issue=1&pages=54-59&publication\\_year=1990](http://scholar.google.com/scholar_lookup?title=Acute%20inhalation%20toxicity%20of%20T-2%20mycotoxin%20in%20the%20rat%20and%20guinea%20pig&author=DA.%20Creasia&author=JD.%20Thurman&author=RW.%20Wannemacher&author=DL.%20Bunner&journal=Fundam%20Appl%20Toxicol&volume=14&issue=1&pages=54-59&publication_year=1990))
137. Coulombe RA Jr, Sharma RP (1985) Clearance and excretion of intratracheally and orally administered aflatoxin B1 in the rat. *Food Chem Toxicol* 23(9):827–830  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=3930357) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=3930357](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=3930357))  
[CrossRef](https://doi.org/10.1016/0278-6915(85)90283-2) ([https://doi.org/10.1016/0278-6915\(85\)90283-2](https://doi.org/10.1016/0278-6915(85)90283-2))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Clearance%20and%20excretion%20of%20intratracheally%20and%20orally%20administered%20aflatoxin%20B1%20in%20the%20rat&author=RA.%20Coulombe&author=RP.%20Sharma&journal=Food%20Chem%20Toxicol&volume=23&issue=9&pages=827-830&publication_year=1985) ([http://scholar.google.com/scholar\\_lookup?title=Clearance%20and%20excretion%20of%20intratracheally%20and%20orally%20administered%20aflatoxin%20B1%20in%20the%20rat&author=RA.%20Coulombe&author=RP.%20Sharma&journal=Food%20Chem%20Toxicol&volume=23&issue=9&pages=827-830&publication\\_year=1985](http://scholar.google.com/scholar_lookup?title=Clearance%20and%20excretion%20of%20intratracheally%20and%20orally%20administered%20aflatoxin%20B1%20in%20the%20rat&author=RA.%20Coulombe&author=RP.%20Sharma&journal=Food%20Chem%20Toxicol&volume=23&issue=9&pages=827-830&publication_year=1985))
138. Kelman BJ, Robbins CA, Swenson LJ, Hardin BD (2004) Risk from inhaled mycotoxins in indoor office and residential environments. *Int J Toxicol* 23(1):3–10  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15162841) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15162841](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15162841))  
[CrossRef](https://doi.org/10.1080/10915810490265423) (<https://doi.org/10.1080/10915810490265423>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Risk%20from%20inhaled%20mycotoxins%20in%20indoor%20office%20and%20residential%20environments&author=BJ.%20Kelman&author=CA.%20Robbins&author=LJ.%20Swenson&author=BD.%20Hardin&journal=Int%20J%20Toxicol&volume=23&issue=1&pages=3-10&publication_year=2004) ([http://scholar.google.com/scholar\\_lookup?title=Risk%20from%20inhaled%20mycotoxins%20in%20indoor%20office%20and%20residential%20environments&author=BJ.%20Kelman&author=CA.%20Robbins&author=LJ.%20Swenson&author=BD.%20Hardin&journal=Int%20J%20Toxicol&volume=23&issue=1&pages=3-10&publication\\_year=2004](http://scholar.google.com/scholar_lookup?title=Risk%20from%20inhaled%20mycotoxins%20in%20indoor%20office%20and%20residential%20environments&author=BJ.%20Kelman&author=CA.%20Robbins&author=LJ.%20Swenson&author=BD.%20Hardin&journal=Int%20J%20Toxicol&volume=23&issue=1&pages=3-10&publication_year=2004))
139. Hardin BD, Kelman BJ, Saxon A (2003) Adverse human health effects associated with molds in the indoor environment. *J Occup Environ Med* 45(5):470–478  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12762072) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=12762072](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=12762072))  
[CrossRef](https://doi.org/10.1097/00043764-200305000-00006) (<https://doi.org/10.1097/00043764-200305000-00006>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Adverse%20human%20health%20effects%20associated%20with%20molds%20in%20the%20indoor%20environment&author=BD.%20Hardin&author=BJ.%20Kelman&author=A.%20Saxon&journal=J%20Occup%20Environ%20Med&volume=45&issue=5&pages=470-478&publication_year=2003) ([http://scholar.google.com/scholar\\_lookup?title=Adverse%20human%20health%20effects%20associated%20with%20molds%20in%20the%20indoor%20environment&author=BD.%20Hardin&author=BJ.%20Kelman&author=A.%20Saxon&journal=J%20Occup%20Environ%20Med&volume=45&issue=5&pages=470-478&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Adverse%20human%20health%20effects%20associated%20with%20molds%20in%20the%20indoor%20environment&author=BD.%20Hardin&author=BJ.%20Kelman&author=A.%20Saxon&journal=J%20Occup%20Environ%20Med&volume=45&issue=5&pages=470-478&publication_year=2003))
140. Flemming J, Hudson B, Rand TG (2004) Comparison of inflammatory and cytotoxic lung responses in mice after intratracheal exposure to spores of two different *Stachybotrys chartarum* strains. *Toxicol Sci* 78(2):267–275  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=14718650) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=14718650](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=14718650))

- CrossRef (<https://doi.org/10.1093/toxsci/kfh064>)  
Google Scholar ([141. Rosenblum Lichtenstein JH, Molina RM, Donaghey TC et al \(2016\) Repeated mouse lung exposures to \*Stachybotrys chartarum\* shift immune response from type 1 to type 2. \*Am J Respir Cell Mol Biol\* 55\(4\):521–531  
PubMed \(\[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\\_uids=27148627\]\(http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\_uids=27148627\)\)  
CrossRef \(<https://doi.org/10.1165/rcmb.2015-0291OC>\)  
Google Scholar \(\[http://scholar.google.com/scholar\\\_lookup?title=Repeated%20mouse%20lung%20exposures%20to%20Stachybotrys%20chartarum%20shift%20immune%20response%20from%20type%201%20to%20type%202&author=JH.%20Rosenblum%20Lichtenstein&author=RM.%20Molina&author=TC.%20Donaghey&journal=Am%20J%20Respir%20Cell%20Mol%20Biol&volume=55&issue=4&pages=521-531&publication\\\_year=2016\]\(http://scholar.google.com/scholar\_lookup?title=Repeated%20mouse%20lung%20exposures%20to%20Stachybotrys%20chartarum%20shift%20immune%20response%20from%20type%201%20to%20type%202&author=JH.%20Rosenblum%20Lichtenstein&author=RM.%20Molina&author=TC.%20Donaghey&journal=Am%20J%20Respir%20Cell%20Mol%20Biol&volume=55&issue=4&pages=521-531&publication\_year=2016\)\)

142. Hudson B, Flemming J, Sun G, Rand TG \(2005\) Comparison of immunomodulator mRNA and protein expression in the lungs of \*Stachybotrys chartarum\* spore-exposed mice. \*J Toxicol Environ Health A\* 68\(15\):1321–1335  
PubMed \(\[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\\_uids=16020192\]\(http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\_uids=16020192\)\)  
CrossRef \(<https://doi.org/10.1080/15287390590953572>\)  
Google Scholar \(\[http://scholar.google.com/scholar\\\_lookup?title=Comparison%20of%20immunomodulator%20mRNA%20and%20protein%20expression%20in%20the%20lungs%20of%20Stachybotrys%20chartarum%20spore-exposed%20mice&author=B.%20Hudson&author=J.%20Flemming&author=G.%20Sun&author=TG.%20Rand&journal=J%20Toxicol%20Environ%20Health%20A.&volume=68&issue=15&pages=1321-1335&publication\\\_year=2005\]\(http://scholar.google.com/scholar\_lookup?title=Comparison%20of%20immunomodulator%20mRNA%20and%20protein%20expression%20in%20the%20lungs%20of%20Stachybotrys%20chartarum%20spore-exposed%20mice&author=B.%20Hudson&author=J.%20Flemming&author=G.%20Sun&author=TG.%20Rand&journal=J%20Toxicol%20Environ%20Health%20A.&volume=68&issue=15&pages=1321-1335&publication\_year=2005\)\)

143. Leino M, Makela M, Reijula K et al \(2003\) Intranasal exposure to a damp building mould, \*Stachybotrys chartarum\*, induces lung inflammation in mice by satratoxin-independent mechanisms. \*Clin Exp Allergy\* 33\(11\):1603–1610  
PubMed \(\[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\\_uids=14616875\]\(http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\_uids=14616875\)\)  
CrossRef \(<https://doi.org/10.1046/j.1365-2222.2003.01808.x>\)  
Google Scholar \(\[http://scholar.google.com/scholar\\\_lookup?title=Intranasal%20exposure%20to%20a%20damp%20building%20mould%2C%20Stachybotrys%20chartarum%2C%20induces%20lung%20inflammation%20in%20mice%20by%20satratoxin-independent%20mechanisms&author=M.%20Leino&author=M.%20Makela&author=K.%20Reijula&journal=Clin%20Exp%20Allergy&volume=33&issue=11&pages=1603-1610&publication\\\_year=2003\]\(http://scholar.google.com/scholar\_lookup?title=Intranasal%20exposure%20to%20a%20damp%20building%20mould%2C%20Stachybotrys%20chartarum%2C%20induces%20lung%20inflammation%20in%20mice%20by%20satratoxin-independent%20mechanisms&author=M.%20Leino&author=M.%20Makela&author=K.%20Reijula&journal=Clin%20Exp%20Allergy&volume=33&issue=11&pages=1603-1610&publication\_year=2003\)\)

144. Yaniv G, Twig G, Shor DB et al \(2015\) A volcanic explosion of autoantibodies in systemic lupus erythematosus: a diversity of 180 different antibodies found in SLE patients. \*Autoimmun Rev\* 14\(1\):75–79](http://scholar.google.com/scholar_lookup?title=Comparison%20of%20inflammatory%20and%20cytotoxic%20lung%20responses%20in%20mice%20after%20intratracheal%20exposure%20to%20spores%20of%20two%20different%20Stachybotrys%20chartarum%20strains&author=J.%20Flemming&author=B.%20Hudson&author=TG.%20Rand&journal=Toxicol%20Sci&volume=78&issue=2&pages=267-275&publication_year=2004)

- PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25449682](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25449682))  
CrossRef (<https://doi.org/10.1016/j.autrev.2014.10.003>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=A%20volcanic%20explosion%20of%20autoantibodies%20in%20systemic%20lupus%20erythematosus%3A%20a%20diversity%20of%20180%20different%20antibodies%20found%20in%20SLE%20patients&author=G.%20Yaniv&author=G.%20Twig&author=DB.%20Shor&journal=Autoimmun%20Rev&volume=14&issue=1&pages=75-79&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=A%20volcanic%20explosion%20of%20autoantibodies%20in%20systemic%20lupus%20erythematosus%3A%20a%20diversity%20of%20180%20different%20antibodies%20found%20in%20SLE%20patients&author=G.%20Yaniv&author=G.%20Twig&author=DB.%20Shor&journal=Autoimmun%20Rev&volume=14&issue=1&pages=75-79&publication_year=2015))
145. Seldin MF (2015) The genetics of human autoimmune disease: a perspective on progress in the field and future directions. *J Autoimmun* 64:1–12  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26343334](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26343334))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4628839>)  
CrossRef (<https://doi.org/10.1016/j.jaut.2015.08.015>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=The%20genetics%20of%20human%20autoimmune%20disease%3A%20a%20perspective%20on%20progress%20in%20the%20field%20and%20future%20directions&author=MF.%20Seldin&journal=J%20Autoimmun&volume=64&pages=1-12&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=The%20genetics%20of%20human%20autoimmune%20disease%3A%20a%20perspective%20on%20progress%20in%20the%20field%20and%20future%20directions&author=MF.%20Seldin&journal=J%20Autoimmun&volume=64&pages=1-12&publication_year=2015))
146. Teruel M, Alarcon-Riquelme ME (2016) The genetic basis of systemic lupus erythematosus: what are the risk factors and what have we learned. *J Autoimmun* 74:161–175  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27522116](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27522116))  
CrossRef (<https://doi.org/10.1016/j.jaut.2016.08.001>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=The%20genetic%20basis%20of%20systemic%20lupus%20erythematosus%3A%20what%20are%20the%20risk%20factors%20and%20what%20have%20we%20learned&author=M.%20Teruel&author=ME.%20Alarcon-Riquelme&journal=J%20Autoimmun&volume=74&pages=161-175&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=The%20genetic%20basis%20of%20systemic%20lupus%20erythematosus%3A%20what%20are%20the%20risk%20factors%20and%20what%20have%20we%20learned&author=M.%20Teruel&author=ME.%20Alarcon-Riquelme&journal=J%20Autoimmun&volume=74&pages=161-175&publication_year=2016))
147. Zhang Z, Zhang R (2015) Epigenetics in autoimmune diseases: pathogenesis and prospects for therapy. *Autoimmun Rev* 14(10):854–863  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26026695](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26026695))  
CrossRef (<https://doi.org/10.1016/j.autrev.2015.05.008>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Epigenetics%20in%20autoimmune%20diseases%3A%20pathogenesis%20and%20prospects%20for%20therapy&author=Z.%20Zhang&author=R.%20Zhang&journal=Autoimmun%20Rev&volume=14&issue=10&pages=854-863&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Epigenetics%20in%20autoimmune%20diseases%3A%20pathogenesis%20and%20prospects%20for%20therapy&author=Z.%20Zhang&author=R.%20Zhang&journal=Autoimmun%20Rev&volume=14&issue=10&pages=854-863&publication_year=2015))
148. Pollock RA, Abji F, Gladman DD. Epigenetics of psoriatic disease: a systematic review and critical appraisal. *J Autoimmun.* 2016.  
Google Scholar (<https://scholar.google.com/scholar?q=Pollock%20RA%20Abji%20F%20Gladman%20DD.%20Epigenetics%20of%20psoriatic%20disease%3A%20a%20systematic%20review%20and%20critical%20appraisal.%20J%20Autoimmun.%202016.>)

149. Wu H, Zhao M, Tan L, Lu Q (2016) The key culprit in the pathogenesis of systemic lupus erythematosus: aberrant DNA methylation. *Autoimmun Rev* 15(7):684–689  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26970492](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26970492))  
CrossRef (<https://doi.org/10.1016/j.autrev.2016.03.002>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=The%20key%20culprit%20in%20the%20pathogenesis%20of%20systemic%20lupus%20erythematosus%3A%20aberrant%20DNA%20methylation&author=H.%20Wu&author=M.%20Zhao&author=L.%20Tan&author=Q.%20Lu&journal=Autoimmun%20Rev&volume=15&issue=7&pages=684-689&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=The%20key%20culprit%20in%20the%20pathogenesis%20of%20systemic%20lupus%20erythematosus%3A%20aberrant%20DNA%20methylation&author=H.%20Wu&author=M.%20Zhao&author=L.%20Tan&author=Q.%20Lu&journal=Autoimmun%20Rev&volume=15&issue=7&pages=684-689&publication_year=2016))
150. Floreani A, Leung PS, Gershwin ME (2016) Environmental basis of autoimmunity. *Clin Rev Allergy Immunol* 50(3):287–300  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25998909](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25998909))  
CrossRef (<https://doi.org/10.1007/s12016-015-8493-8>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Environmental%20basis%20of%20autoimmunity&author=A.%20Floreani&author=PS.%20Leung&author=ME.%20Gershwin&journal=Clin%20Rev%20Allergy%20Immunol&volume=50&issue=3&pages=287-300&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Environmental%20basis%20of%20autoimmunity&author=A.%20Floreani&author=PS.%20Leung&author=ME.%20Gershwin&journal=Clin%20Rev%20Allergy%20Immunol&volume=50&issue=3&pages=287-300&publication_year=2016))
151. Wu H, Zhao M, Yoshimura A, Chang C, Lu Q (2016) Critical link between epigenetics and transcription factors in the induction of autoimmunity: a comprehensive review. *Clin Rev Allergy Immunol.* 50(3):333–344  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26969025](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26969025))  
CrossRef (<https://doi.org/10.1007/s12016-016-8534-y>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Critical%20link%20between%20epigenetics%20and%20transcription%20factors%20in%20the%20induction%20of%20autoimmunity%3A%20a%20comprehensive%20review&author=H.%20Wu&author=M.%20Zhao&author=A.%20Yoshimura&author=C.%20Chang&author=Q.%20Lu&journal=Clin%20Rev%20Allergy%20Immunol.&volume=50&issue=3&pages=333-344&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Critical%20link%20between%20epigenetics%20and%20transcription%20factors%20in%20the%20induction%20of%20autoimmunity%3A%20a%20comprehensive%20review&author=H.%20Wu&author=M.%20Zhao&author=A.%20Yoshimura&author=C.%20Chang&author=Q.%20Lu&journal=Clin%20Rev%20Allergy%20Immunol.&volume=50&issue=3&pages=333-344&publication_year=2016))
152. Shu Y, Hu Q, Long H, Chang C, Lu Q, Xiao R. Epigenetic Variability of CD4+CD25+ Tregs contributes to the pathogenesis of autoimmune diseases. *Clin Rev Allergy Immunol.* 2016.  
Google Scholar (<https://scholar.google.com/scholar?q=Shu%20Y%2C%20Hu%20Q%2C%20Long%20H%2C%20Chang%20C%20C%20Lu%20Q%2C%20Xiao%20R.%20Epigenetic%20Variability%20of%20CD4%2BCD25%2B%20Tregs%20contributes%20to%20the%20pathogenesis%20of%20autoimmune%20diseases.%20Clin%20Rev%20Allergy%20Immunol.%202016.>)
153. Bao Y, Cao X (2016) Epigenetic control of B cell development and B cell-related immune disorders. *Clin Rev Allergy Immunol.* 50(3):301–311  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26066671](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26066671))  
CrossRef (<https://doi.org/10.1007/s12016-015-8494-7>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Epigenetic%20control%20of%20B%20cell%20development%20and%20B%20cell-](http://scholar.google.com/scholar_lookup?title=Epigenetic%20control%20of%20B%20cell%20development%20and%20B%20cell-))

- related%20immune%20disorders&author=Y.%20Bao&author=X.%20Cao&journal=Clin%20Rev%20Allergy%20Immunol.&volume=50&issue=3&pages=301-311&publication\_year=2016)
154. Selmi C (2016) Autoimmunity in 2015. *Clin Rev Allergy Immunol.* 51(1):110–119  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27422713) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27422713](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27422713))  
[CrossRef](https://doi.org/10.1007/s12016-016-8576-1) (<https://doi.org/10.1007/s12016-016-8576-1>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Autoimmunity%20in%202015&author=C.%20Selmi&journal=Clin%20Rev%20Allergy%20Immunol.&volume=51&issue=1&pages=110-119&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Autoimmunity%20in%202015&author=C.%20Selmi&journal=Clin%20Rev%20Allergy%20Immunol.&volume=51&issue=1&pages=110-119&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Autoimmunity%20in%202015&author=C.%20Selmi&journal=Clin%20Rev%20Allergy%20Immunol.&volume=51&issue=1&pages=110-119&publication_year=2016))
155. Hirschfield GM, Siminovitch KA (2015) Genetics in PBC: what do the “risk genes” teach us? *Clin Rev Allergy Immunol.* 48(2–3):176–181  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24744192) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=24744192](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=24744192))  
[CrossRef](https://doi.org/10.1007/s12016-014-8419-x) (<https://doi.org/10.1007/s12016-014-8419-x>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Genetics%20in%20PBC%3A%20what%20do%20the%20E2%80%9Crisk%20genes%20teach%20us%3F&author=GM.%20Hirschfield&author=KA.%20Siminovitch&journal=Clin%20Rev%20Allergy%20Immunol.&volume=48&issue=2%20E2%80%933&pages=176-181&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=Genetics%20in%20PBC%3A%20what%20do%20the%20E2%80%9Crisk%20genes%20teach%20us%3F&author=GM.%20Hirschfield&author=KA.%20Siminovitch&journal=Clin%20Rev%20Allergy%20Immunol.&volume=48&issue=2%20E2%80%933&pages=176-181&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Genetics%20in%20PBC%3A%20what%20do%20the%20E2%80%9Crisk%20genes%20teach%20us%3F&author=GM.%20Hirschfield&author=KA.%20Siminovitch&journal=Clin%20Rev%20Allergy%20Immunol.&volume=48&issue=2%20E2%80%933&pages=176-181&publication_year=2015))
156. Qian Y, Culton DA, Jeong JS, Trupiano N, Valenzuela JG, Diaz LA (2016) Non-infectious environmental antigens as a trigger for the initiation of an autoimmune skin disease. *Autoimmun Rev* 15(9):923–930  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27396816) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27396816](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27396816))  
[CrossRef](https://doi.org/10.1016/j.autrev.2016.07.005) (<https://doi.org/10.1016/j.autrev.2016.07.005>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Non-infectious%20environmental%20antigens%20as%20a%20trigger%20for%20the%20initiation%20of%20an%20autoimmune%20skin%20disease&author=Y.%20Qian&author=DA.%20Culton&author=JS.%20Jeong&author=N.%20Trupiano&author=JG.%20Valenzuela&author=LA.%20Diaz&journal=Autoimmun%20Rev&volume=15&issue=9&pages=923-930&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Non-infectious%20environmental%20antigens%20as%20a%20trigger%20for%20the%20initiation%20of%20an%20autoimmune%20skin%20disease&author=Y.%20Qian&author=DA.%20Culton&author=JS.%20Jeong&author=N.%20Trupiano&author=JG.%20Valenzuela&author=LA.%20Diaz&journal=Autoimmun%20Rev&volume=15&issue=9&pages=923-930&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Non-infectious%20environmental%20antigens%20as%20a%20trigger%20for%20the%20initiation%20of%20an%20autoimmune%20skin%20disease&author=Y.%20Qian&author=DA.%20Culton&author=JS.%20Jeong&author=N.%20Trupiano&author=JG.%20Valenzuela&author=LA.%20Diaz&journal=Autoimmun%20Rev&volume=15&issue=9&pages=923-930&publication_year=2016))
157. Kadowaki A, Miyake S, Saga R, Chiba A, Mochizuki H, Yamamura T (2016) Gut environment-induced intraepithelial autoreactive CD4(+) T cells suppress central nervous system autoimmunity via LAG-3. *Nat Commun* 7:11639  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27198196) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27198196](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27198196))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4876462) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4876462>)  
[CrossRef](https://doi.org/10.1038/ncomms11639) (<https://doi.org/10.1038/ncomms11639>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Gut%20environment-induced%20intraepithelial%20autoreactive%20CD4%28%2B%29%20T%20cells%20suppress%20central%20nervous%20system%20autoimmunity%20via%20LAG-3&author=A.%20Kadowaki&author=S.%20Miyake&author=R.%20Saga&author=A.%20Chiba&author=H.%20Mochizuki&author=T.%20Yamamura&journal=Nat%20Commun&volume=7&pages=11639&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Gut%20environment-induced%20intraepithelial%20autoreactive%20CD4%28%2B%29%20T%20cells%20suppress%20central%20nervous%20system%20autoimmunity%20via%20LAG-3&author=A.%20Kadowaki&author=S.%20Miyake&author=R.%20Saga&author=A.%20Chiba&author=H.%20Mochizuki&author=T.%20Yamamura&journal=Nat%20Commun&volume=7&pages=11639&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Gut%20environment-induced%20intraepithelial%20autoreactive%20CD4%28%2B%29%20T%20cells%20suppress%20central%20nervous%20system%20autoimmunity%20via%20LAG-3&author=A.%20Kadowaki&author=S.%20Miyake&author=R.%20Saga&author=A.%20Chiba&author=H.%20Mochizuki&author=T.%20Yamamura&journal=Nat%20Commun&volume=7&pages=11639&publication_year=2016))

158. Onuora S (2016) Autoimmunity: human gut bacteria induce TH17 cells. *Nat Rev Rheumatol* 13(1):2  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Autoimmunity%20human%20gut%20bacteria%20induce%20TH17%20cells&author=S.%20Onuora&journal=Nat%20Rev%20Rheumatol&volume=13&issue=1&pages=2&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?](http://scholar.google.com/scholar_lookup?title=Autoimmunity%20human%20gut%20bacteria%20induce%20TH17%20cells&author=S.%20Onuora&journal=Nat%20Rev%20Rheumatol&volume=13&issue=1&pages=2&publication_year=2016)  
title=Autoimmunity%20human%20gut%20bacteria%20induce%20TH17%20cells&author=S.%20Onuora&journal=Nat%20Rev%20Rheumatol&volume=13&issue=1&pages=2&publication\_year=2016)
159. Shamriz O, Mizrahi H, Werbner M, Shoenfeld Y, Avni O, Koren O (2016) Microbiota at the crossroads of autoimmunity. *Autoimmun Rev* 15(9):859–869  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27392501) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27392501](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27392501))  
[CrossRef](https://doi.org/10.1016/j.autrev.2016.07.012) (<https://doi.org/10.1016/j.autrev.2016.07.012>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Microbiota%20at%20the%20crossroads%20of%20autoimmunity&author=O.%20Shamriz&author=H.%20Mizrahi&author=M.%20Werbner&author=Y.%20Shoenfeld&author=O.%20Avni&author=O.%20Koren&journal=Autoimmun%20Rev&volume=15&issue=9&pages=859-869&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?](http://scholar.google.com/scholar_lookup?title=Microbiota%20at%20the%20crossroads%20of%20autoimmunity&author=O.%20Shamriz&author=H.%20Mizrahi&author=M.%20Werbner&author=Y.%20Shoenfeld&author=O.%20Avni&author=O.%20Koren&journal=Autoimmun%20Rev&volume=15&issue=9&pages=859-869&publication_year=2016)  
title=Microbiota%20at%20the%20crossroads%20of%20autoimmunity&author=O.%20Shamriz&author=H.%20Mizrahi&author=M.%20Werbner&author=Y.%20Shoenfeld&author=O.%20Avni&author=O.%20Koren&journal=Autoimmun%20Rev&volume=15&issue=9&pages=859-869&publication\_year=2016)
160. Dwivedi M, Kumar P, Laddha NC, Kemp EH (2016) Induction of regulatory T cells: a role for probiotics and prebiotics to suppress autoimmunity. *Autoimmun Rev* 15(4):379–392  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26774011) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26774011](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26774011))  
[CrossRef](https://doi.org/10.1016/j.autrev.2016.01.002) (<https://doi.org/10.1016/j.autrev.2016.01.002>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Induction%20of%20regulatory%20T%20cells%3A%20a%20role%20for%20probiotics%20and%20prebiotics%20to%20suppress%20autoimmunity&author=M.%20Dwivedi&author=P.%20Kumar&author=NC.%20Laddha&author=EH.%20Kemp&journal=Autoimmun%20Rev&volume=15&issue=4&pages=379-392&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?](http://scholar.google.com/scholar_lookup?title=Induction%20of%20regulatory%20T%20cells%3A%20a%20role%20for%20probiotics%20and%20prebiotics%20to%20suppress%20autoimmunity&author=M.%20Dwivedi&author=P.%20Kumar&author=NC.%20Laddha&author=EH.%20Kemp&journal=Autoimmun%20Rev&volume=15&issue=4&pages=379-392&publication_year=2016)  
title=Induction%20of%20regulatory%20T%20cells%3A%20a%20role%20for%20probiotics%20and%20prebiotics%20to%20suppress%20autoimmunity&author=M.%20Dwivedi&author=P.%20Kumar&author=NC.%20Laddha&author=EH.%20Kemp&journal=Autoimmun%20Rev&volume=15&issue=4&pages=379-392&publication\_year=2016)
161. Uusitalo U, Liu X, Yang J et al (2016) Association of early exposure of probiotics and islet autoimmunity in the TEDDY study. *JAMA Pediatr* 170(1):20–28  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26552054) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26552054](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26552054))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4803028) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4803028>)  
[CrossRef](https://doi.org/10.1001/jamapediatrics.2015.2757) (<https://doi.org/10.1001/jamapediatrics.2015.2757>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Association%20of%20early%20exposure%20of%20probiotics%20and%20islet%20autoimmunity%20in%20the%20TEDDY%20study&author=U.%20Uusitalo&author=X.%20Liu&author=J.%20Yang&journal=JAMA%20Pediatr&volume=170&issue=1&pages=20-28&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?](http://scholar.google.com/scholar_lookup?title=Association%20of%20early%20exposure%20of%20probiotics%20and%20islet%20autoimmunity%20in%20the%20TEDDY%20study&author=U.%20Uusitalo&author=X.%20Liu&author=J.%20Yang&journal=JAMA%20Pediatr&volume=170&issue=1&pages=20-28&publication_year=2016)  
title=Association%20of%20early%20exposure%20of%20probiotics%20and%20islet%20autoimmunity%20in%20the%20TEDDY%20study&author=U.%20Uusitalo&author=X.%20Liu&author=J.%20Yang&journal=JAMA%20Pediatr&volume=170&issue=1&pages=20-28&publication\_year=2016)
162. Tomer Y, Dolan LM, Kahaly G et al (2015) Genome wide identification of new genes and pathways in patients with both autoimmune thyroiditis and type 1 diabetes. *J Autoimmun* 60:32–39  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25936594) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25936594](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25936594))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4457545) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4457545>)  
[CrossRef](https://doi.org/10.1016/j.jaut.2015.03.006) (<https://doi.org/10.1016/j.jaut.2015.03.006>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Genome%20wide%20identification%20of%20new%20genes%20and%20pathways%20in%20patients%20with%20both%20autoimmune%20thyroiditis%20and%20type%201%20diabetes&author=Y.%20Tomer&author=LM.%20Dolan&author=G.%20Kahaly&journal=J.%20Autoimmun&volume=60&issue=32-39&pages=32-39&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?](http://scholar.google.com/scholar_lookup?title=Genome%20wide%20identification%20of%20new%20genes%20and%20pathways%20in%20patients%20with%20both%20autoimmune%20thyroiditis%20and%20type%201%20diabetes&author=Y.%20Tomer&author=LM.%20Dolan&author=G.%20Kahaly&journal=J.%20Autoimmun&volume=60&issue=32-39&pages=32-39&publication_year=2015)  
title=Genome%20wide%20identification%20of%20new%20genes%20and%20pathways%20in%20patients%20with%20both%20autoimmune%20thyroiditis%20and%20type%201%20diabetes&author=Y.%20Tomer&author=LM.%20Dolan&author=G.%20Kahaly&journal=J.%20Autoimmun&volume=60&issue=32-39&pages=32-39&publication\_year=2015)

hways%20in%20patients%20with%20both%20autoimmune%20thyroiditis%20and%20type%201%20diabetes&author=Y.%20Tomer&author=LM.%20Dolan&author=G.%20Kahaly&journal=J%20Autoimmun&volume=60&pages=32-39&publication\_year=2015)

163. Webb GJ, Hirschfield GM (2016) Using GWAS to identify genetic predisposition in hepatic autoimmunity. *J Autoimmun* 66:25–39  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=26347073) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=26347073](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=26347073))  
[CrossRef](https://doi.org/10.1016/j.aut.2015.08.016) (<https://doi.org/10.1016/j.aut.2015.08.016>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Using%20GWAS%20to%20identify%20genetic%20predisposition%20in%20hepatic%20autoimmunity&author=GJ.%20Webb&author=GM.%20Hirschfield&journal=J%20Autoimmun&volume=66&pages=25-39&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Using%20GWAS%20to%20identify%20genetic%20predisposition%20in%20hepatic%20autoimmunity&author=GJ.%20Webb&author=GM.%20Hirschfield&journal=J%20Autoimmun&volume=66&pages=25-39&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Using%20GWAS%20to%20identify%20genetic%20predisposition%20in%20hepatic%20autoimmunity&author=GJ.%20Webb&author=GM.%20Hirschfield&journal=J%20Autoimmun&volume=66&pages=25-39&publication_year=2016))
164. Jeltsch-David H, Muller S (2016) Autoimmunity, neuroinflammation, pathogen load: a decisive crosstalk in neuropsychiatric SLE. *J Autoimmun* 74:13–26  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=27137989) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=27137989](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=27137989))  
[CrossRef](https://doi.org/10.1016/j.aut.2016.04.005) (<https://doi.org/10.1016/j.aut.2016.04.005>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Autoimmunity%2C%20neuroinflammation%2C%20pathogen%20load%3A%20a%20decisive%20crosstalk%20in%20neuropsychiatric%20SLE&author=H.%20Jeltsch-David&author=S.%20Muller&journal=J%20Autoimmun&volume=74&pages=13-26&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Autoimmunity%2C%20neuroinflammation%2C%20pathogen%20load%3A%20a%20decisive%20crosstalk%20in%20neuropsychiatric%20SLE&author=H.%20Jeltsch-David&author=S.%20Muller&journal=J%20Autoimmun&volume=74&pages=13-26&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Autoimmunity%2C%20neuroinflammation%2C%20pathogen%20load%3A%20a%20decisive%20crosstalk%20in%20neuropsychiatric%20SLE&author=H.%20Jeltsch-David&author=S.%20Muller&journal=J%20Autoimmun&volume=74&pages=13-26&publication_year=2016))
165. Onuora S (2016) Autoimmunity: TFH cells link gut microbiota and arthritis. *Nat Rev Rheumatol* 12(3):133  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=26841690) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=26841690](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=26841690))  
[CrossRef](https://doi.org/10.1038/nrrheum.2016.11) (<https://doi.org/10.1038/nrrheum.2016.11>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Autoimmunity%3A%20TFH%20cells%20link%20gut%20microbiota%20and%20arthritis&author=S.%20Onuora&journal=Nat%20Rev%20Rheumatol&volume=12&issue=3&pages=133&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Autoimmunity%3A%20TFH%20cells%20link%20gut%20microbiota%20and%20arthritis&author=S.%20Onuora&journal=Nat%20Rev%20Rheumatol&volume=12&issue=3&pages=133&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Autoimmunity%3A%20TFH%20cells%20link%20gut%20microbiota%20and%20arthritis&author=S.%20Onuora&journal=Nat%20Rev%20Rheumatol&volume=12&issue=3&pages=133&publication_year=2016))
166. Zhu Y, Zou L, Liu YC (2016) T follicular helper cells, T follicular regulatory cells and autoimmunity. *Int Immunol* 28(4):173–179  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=26714592) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=26714592](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=26714592))  
[CrossRef](https://doi.org/10.1093/intimm/dxv079) (<https://doi.org/10.1093/intimm/dxv079>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=T%20follicular%20helper%20cells%2C%20T%20follicular%20regulatory%20cells%20and%20autoimmunity&author=Y.%20Zhu&author=L.%20Zou&author=YC.%20Liu&journal=Int%20Immunol&volume=28&issue=4&pages=173-179&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=T%20follicular%20helper%20cells%2C%20T%20follicular%20regulatory%20cells%20and%20autoimmunity&author=Y.%20Zhu&author=L.%20Zou&author=YC.%20Liu&journal=Int%20Immunol&volume=28&issue=4&pages=173-179&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=T%20follicular%20helper%20cells%2C%20T%20follicular%20regulatory%20cells%20and%20autoimmunity&author=Y.%20Zhu&author=L.%20Zou&author=YC.%20Liu&journal=Int%20Immunol&volume=28&issue=4&pages=173-179&publication_year=2016))
167. Audia S, Rossato M, Trad M et al (2017) B cell depleting therapy regulates splenic and circulating T follicular helper cells in immune thrombocytopenia. *J Autoimmun* 77:89–95  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=27863820) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list\\_uids=27863820](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&doct=Abstract&list_uids=27863820))

CrossRef (<https://doi.org/10.1016/j.jaut.2016.11.002>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=B%20cell%20depleting%20therapy%20regulates%20splenic%20and%20circulating%20T%20follicular%20helper%20cells%20in%20immune%20thrombocytopenia&author=S.%20Audia&author=M.%20Rossato&author=M.%20Trad&journal=J%20Autoimmun&volume=77&pages=89-95&publication\\_year=2017](http://scholar.google.com/scholar_lookup?title=B%20cell%20depleting%20therapy%20regulates%20splenic%20and%20circulating%20T%20follicular%20helper%20cells%20in%20immune%20thrombocytopenia&author=S.%20Audia&author=M.%20Rossato&author=M.%20Trad&journal=J%20Autoimmun&volume=77&pages=89-95&publication_year=2017))

168. Doherty DG (2016) Immunity, tolerance and autoimmunity in the liver: a comprehensive review. *J Autoimmun* 66:60–75  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26358406](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26358406))  
CrossRef (<https://doi.org/10.1016/j.jaut.2015.08.020>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Immunity%2C%20tolerance%20and%20autoimmunity%20in%20the%20liver%3A%20a%20comprehensive%20review&author=DG.%20Doherty&journal=J%20Autoimmun&volume=66&pages=60-75&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Immunity%2C%20tolerance%20and%20autoimmunity%20in%20the%20liver%3A%20a%20comprehensive%20review&author=DG.%20Doherty&journal=J%20Autoimmun&volume=66&pages=60-75&publication_year=2016))
169. Yang CA, Chiang BL (2015) Inflammasomes and human autoimmunity: a comprehensive review. *J Autoimmun* 61:1–8  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26005048](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26005048))  
CrossRef (<https://doi.org/10.1016/j.jaut.2015.05.001>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Inflammasomes%20and%20human%20autoimmunity%3A%20a%20comprehensive%20review&author=CA.%20Yang&author=BL.%20Chiang&journal=J%20Autoimmun&volume=61&pages=1-8&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Inflammasomes%20and%20human%20autoimmunity%3A%20a%20comprehensive%20review&author=CA.%20Yang&author=BL.%20Chiang&journal=J%20Autoimmun&volume=61&pages=1-8&publication_year=2015))
170. Franks SE, Getahun A, Hogarth PM, Cambier JC (2016) Targeting B cells in treatment of autoimmunity. *Curr Opin Immunol* 43:39–45  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27718447](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27718447))  
CrossRef (<https://doi.org/10.1016/j.coim.2016.09.003>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=Targeting%20B%20cells%20in%20treatment%20of%20autoimmunity&author=SE.%20Franks&author=A.%20Getahun&author=PM.%20Hogarth&author=JC.%20Cambier&journal=Curr%20Opin%20Immunol&volume=43&pages=39-45&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Targeting%20B%20cells%20in%20treatment%20of%20autoimmunity&author=SE.%20Franks&author=A.%20Getahun&author=PM.%20Hogarth&author=JC.%20Cambier&journal=Curr%20Opin%20Immunol&volume=43&pages=39-45&publication_year=2016))
171. Domeier PP, Chodisetti SB, Soni C et al (2016) IFN-gamma receptor and STAT1 signaling in B cells are central to spontaneous germinal center formation and autoimmunity. *J Exp Med* 213(5):715–732  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27069112](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27069112))  
PubMedCentral (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4854731>)  
CrossRef (<https://doi.org/10.1084/jem.20151722>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?title=IFN-gamma%20receptor%20and%20STAT1%20signaling%20in%20B%20cells%20are%20central%20to%20spontaneous%20germinal%20center%20formation%20and%20autoimmunity&author=PP.%20Domeier&author=SB.%20Chodisetti&author=C.%20Soni&journal=J%20Exp%20Med&volume=213&issue=5&pages=715-732&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=IFN-gamma%20receptor%20and%20STAT1%20signaling%20in%20B%20cells%20are%20central%20to%20spontaneous%20germinal%20center%20formation%20and%20autoimmunity&author=PP.%20Domeier&author=SB.%20Chodisetti&author=C.%20Soni&journal=J%20Exp%20Med&volume=213&issue=5&pages=715-732&publication_year=2016))

172. Thompson G, John M, Chopra A (2016) Triple threats: tracking antigen-specific T cells in a case of concurrent autoimmunity, infectious disease and possible malignancy. *Pathology* 48(Suppl 1):S44  
[CrossRef](https://doi.org/10.1016/j.pathol.2015.12.108) (<https://doi.org/10.1016/j.pathol.2015.12.108>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Triple%20threats%3A%20tracking%2oantigen-specific%20T%2ocells%2oin%2oa%2ocase%20of%20concurrent%20autoimmunity%2C%2oinfectious%2odisease%2oand%2opossible%2omalignancy&author=G.%20Thompson&author=M.%20John&author=A.%20Chopra&journal=Pathology&volume=48&issue=Suppl%201&pages=S44&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=Triple%20threats%3A%20tracking%2oantigen-specific%20T%2ocells%2oin%2oa%2ocase%20of%20concurrent%20autoimmunity%2C%2oinfectious%2odisease%2oand%2opossible%2omalignancy&author=G.%20Thompson&author=M.%20John&author=A.%20Chopra&journal=Pathology&volume=48&issue=Suppl%201&pages=S44&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=Triple%20threats%3A%20tracking%2oantigen-specific%20T%2ocells%2oin%2oa%2ocase%20of%20concurrent%20autoimmunity%2C%2oinfectious%2odisease%2oand%2opossible%2omalignancy&author=G.%20Thompson&author=M.%20John&author=A.%20Chopra&journal=Pathology&volume=48&issue=Suppl%201&pages=S44&publication_year=2016))
173. Anderson AC, Sullivan JM, Tan DJ, Lee DH, Kuchroo VK (2015) A T cell extrinsic mechanism by which IL-2 dampens Th17 differentiation. *J Autoimmun* 59:38–42  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25725581) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25725581](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25725581))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4414806) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4414806>)  
[CrossRef](https://doi.org/10.1016/j.jaut.2015.02.001) (<https://doi.org/10.1016/j.jaut.2015.02.001>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=A%20T%2ocell%2oextrinsic%2omechanism%2oby%2owhich%2oIL-2%2odampens%2oTh17%2odifferentiation&author=AC.%20Anderson&author=J.M.%20Sullivan&author=DJ.%20Tan&author=DH.%20Lee&author=VK.%20Kuchroo&journal=J%20Autoimmun&volume=59&pages=38-42&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=A%20T%2ocell%2oextrinsic%2omechanism%2oby%2owhich%2oIL-2%2odampens%2oTh17%2odifferentiation&author=AC.%20Anderson&author=J.M.%20Sullivan&author=DJ.%20Tan&author=DH.%20Lee&author=VK.%20Kuchroo&journal=J%20Autoimmun&volume=59&pages=38-42&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=A%20T%2ocell%2oextrinsic%2omechanism%2oby%2owhich%2oIL-2%2odampens%2oTh17%2odifferentiation&author=AC.%20Anderson&author=J.M.%20Sullivan&author=DJ.%20Tan&author=DH.%20Lee&author=VK.%20Kuchroo&journal=J%20Autoimmun&volume=59&pages=38-42&publication_year=2015))
174. Hou L, Cooley J, Swanson R et al (2015) The protease cathepsin L regulates Th17 cell differentiation. *J Autoimmun* 65:56–63  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26343333) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26343333](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26343333))  
[PubMedCentral](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4679515) (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4679515>)  
[CrossRef](https://doi.org/10.1016/j.jaut.2015.08.006) (<https://doi.org/10.1016/j.jaut.2015.08.006>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%2oprotease%2ocathepsin%2oL%2oregulates%2oTh17%2ocell%2odifferentiation&author=L.%20Hou&author=J.%20Cooley&author=R.%20Swanson&journal=J%20Autoimmun&volume=65&pages=56-63&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=The%2oprotease%2ocathepsin%2oL%2oregulates%2oTh17%2ocell%2odifferentiation&author=L.%20Hou&author=J.%20Cooley&author=R.%20Swanson&journal=J%20Autoimmun&volume=65&pages=56-63&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=The%2oprotease%2ocathepsin%2oL%2oregulates%2oTh17%2ocell%2odifferentiation&author=L.%20Hou&author=J.%20Cooley&author=R.%20Swanson&journal=J%20Autoimmun&volume=65&pages=56-63&publication_year=2015))
175. Hou MS, Huang ST, Tsai MH et al (2015) The interleukin-15 system suppresses T cell-mediated autoimmunity by regulating negative selection and nT (H)17 cell homeostasis in the thymus. *J Autoimmun* 56:118–129  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25500198) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25500198](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25500198))  
[CrossRef](https://doi.org/10.1016/j.jaut.2014.11.003) (<https://doi.org/10.1016/j.jaut.2014.11.003>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=The%2ointerleukin-15%2osystem%2osuppresses%2oT%2ocell-mediated%2oautoimmunity%2oby%2oregulating%2onegative%2oselection%2oand%2onT%20%28H%2917%2ocell%2ohomeostasis%2oin%2othethy whole%20thymus&author=MS.%20Hou&author=ST.%20Huang&author=MH.%20Tsai&journal=J%20Autoimmun&volume=56&pages=118-129&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=The%2ointerleukin-15%2osystem%2osuppresses%2oT%2ocell-mediated%2oautoimmunity%2oby%2oregulating%2onegative%2oselection%2oand%2onT%20%28H%2917%2ocell%2ohomeostasis%2oin%2othethy whole%20thymus&author=MS.%20Hou&author=ST.%20Huang&author=MH.%20Tsai&journal=J%20Autoimmun&volume=56&pages=118-129&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=The%2ointerleukin-15%2osystem%2osuppresses%2oT%2ocell-mediated%2oautoimmunity%2oby%2oregulating%2onegative%2oselection%2oand%2onT%20%28H%2917%2ocell%2ohomeostasis%2oin%2othethy whole%20thymus&author=MS.%20Hou&author=ST.%20Huang&author=MH.%20Tsai&journal=J%20Autoimmun&volume=56&pages=118-129&publication_year=2015))
176. Hua C, Audo R, Yeremenko N et al (2016) A proliferation inducing ligand (APRIL) promotes IL-10 production and regulatory functions of human B cells. *J Autoimmun* 73:64–72

- PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27372914](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27372914))  
CrossRef (<https://doi.org/10.1016/j.jaut.2016.06.002>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=A%20proliferation%20inducing%20ligand%20%28APRIL%29%20promotes%20IL-10%20production%20and%20regulatory%20functions%20of%20human%20B%20cells&author=C.%20Hua&author=R.%20Audo&author=N.%20Yeremenko&journal=J%20Autoimmun&volume=73&pages=64-72&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=A%20proliferation%20inducing%20ligand%20%28APRIL%29%20promotes%20IL-10%20production%20and%20regulatory%20functions%20of%20human%20B%20cells&author=C.%20Hua&author=R.%20Audo&author=N.%20Yeremenko&journal=J%20Autoimmun&volume=73&pages=64-72&publication_year=2016))
177. Isailovic N, Daigo K, Mantovani A, Selmi C (2015) Interleukin-17 and innate immunity in infections and chronic inflammation. *J Autoimmun* 60:1–11  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25998834](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25998834))  
CrossRef (<https://doi.org/10.1016/j.jaut.2015.04.006>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=Interleukin-17%20and%20innate%20immunity%20in%20infections%20and%20chronic%20inflammation&author=N.%20Isailovic&author=K.%20Daigo&author=A.%20Mantovani&author=C.%20Selmi&journal=J%20Autoimmun&volume=60&pages=1-11&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Interleukin-17%20and%20innate%20immunity%20in%20infections%20and%20chronic%20inflammation&author=N.%20Isailovic&author=K.%20Daigo&author=A.%20Mantovani&author=C.%20Selmi&journal=J%20Autoimmun&volume=60&pages=1-11&publication_year=2015))
178. Jones SA, Perera DN, Fan H, Russ BE, Harris J, Morand EF (2015) GILZ regulates Th17 responses and restrains IL-17-mediated skin inflammation. *J Autoimmun* 61:73–80  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26077873](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26077873))  
CrossRef (<https://doi.org/10.1016/j.jaut.2015.05.010>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=GILZ%20regulates%20Th17%20responses%20and%20restrains%20IL-17-mediated%20skin%20inflammation&author=SA.%20Jones&author=DN.%20Perera&author=H.%20Fan&author=BE.%20Russ&author=J.%20Harris&author=EF.%20Morand&journal=J%20Autoimmun&volume=61&pages=73-80&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=GILZ%20regulates%20Th17%20responses%20and%20restrains%20IL-17-mediated%20skin%20inflammation&author=SA.%20Jones&author=DN.%20Perera&author=H.%20Fan&author=BE.%20Russ&author=J.%20Harris&author=EF.%20Morand&journal=J%20Autoimmun&volume=61&pages=73-80&publication_year=2015))
179. Lu X, Tang Q, Lindh M, et al. The host defense peptide LL-37 a possible inducer of the type I interferon system in patients with polymyositis and dermatomyositis. *J Autoimmun.* 2016.  
Google Scholar ([https://scholar.google.com/scholar?  
q=Lu%20X%2C%20Tang%20Q%2C%20Lindh%20M%2C%20et%20al.%20The%20host%20defense%20peptide%20LL-37%20a%20possible%20inducer%20of%20the%20type%20I%20interferon%20system%20in%20patients%20with%20polymyositis%20and%20dermatomyositis.%20J%20Autoimmun.%202016.\)](https://scholar.google.com/scholar?q=Lu%20X%2C%20Tang%20Q%2C%20Lindh%20M%2C%20et%20al.%20The%20host%20defense%20peptide%20LL-37%20a%20possible%20inducer%20of%20the%20type%20I%20interferon%20system%20in%20patients%20with%20polymyositis%20and%20dermatomyositis.%20J%20Autoimmun.%202016.)
180. Barbat C, Alessandri C, Vomero M et al (2015) Autoantibodies specific to D4GDI modulate rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. *J Autoimmun* 58:78–89  
PubMed ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?  
cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=25623267](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=25623267))  
CrossRef (<https://doi.org/10.1016/j.jaut.2015.01.005>)  
Google Scholar ([http://scholar.google.com/scholar\\_lookup?  
title=Autoantibodies%20specific%20to%20D4GDI%20modulate%20rho%20GTP](http://scholar.google.com/scholar_lookup?title=Autoantibodies%20specific%20to%20D4GDI%20modulate%20rho%20GTP))

- ase%20mediated%20cytoskeleton%20remodeling%20and%20induce%20autophagy%20in%20T%20lymphocytes&author=C.%20Barbati&author=C.%20Alessandrini&author=M.%20Vomero&journal=J%20Autoimmun&volume=58&pages=78-89&publication\_year=2015)
181. Leventhal JS, Ross MJ (2016) LAPping up dead cells to prevent lupus nephritis: a novel role for noncanonical autophagy in autoimmunity. *Kidney Int* 90(2):238–239  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27418084) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=27418084](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=27418084))  
[CrossRef](https://doi.org/10.1016/j.kint.2016.06.001) (<https://doi.org/10.1016/j.kint.2016.06.001>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=LAPping%20up%20dead%20cells%20to%20prevent%20lupus%20nephritis%3A%20a%20novel%20role%20for%20noncanonical%20autophagy%20in%20autoimmunity&author=JS.%20Leventhal&author=MJ.%20Ross&journal=Kidney%20Int&volume=90&issue=2&pages=238-239&publication_year=2016) ([http://scholar.google.com/scholar\\_lookup?title=LAPping%20up%20dead%20cells%20to%20prevent%20lupus%20nephritis%3A%20a%20novel%20role%20for%20noncanonical%20autophagy%20in%20autoimmunity&author=JS.%20Leventhal&author=MJ.%20Ross&journal=Kidney%20Int&volume=90&issue=2&pages=238-239&publication\\_year=2016](http://scholar.google.com/scholar_lookup?title=LAPping%20up%20dead%20cells%20to%20prevent%20lupus%20nephritis%3A%20a%20novel%20role%20for%20noncanonical%20autophagy%20in%20autoimmunity&author=JS.%20Leventhal&author=MJ.%20Ross&journal=Kidney%20Int&volume=90&issue=2&pages=238-239&publication_year=2016))
182. Gray MR, Thrasher JD, Crago R et al (2003) Mixed mold mycotoxicosis: immunological changes in humans following exposure in water-damaged buildings. *Arch Environ Health* 58(7):410–420  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15143854) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=15143854](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=15143854))  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Mixed%20mold%20mycotoxicosis%3A%20immunological%20changes%20in%20humans%20following%20exposure%20in%20water-damaged%20buildings&author=MR.%20Gray&author=JD.%20Thrasher&author=R.%20Crago&journal=Arch%20Environ%20Health&volume=58&issue=7&pages=410-420&publication_year=2003) ([http://scholar.google.com/scholar\\_lookup?title=Mixed%20mold%20mycotoxicosis%3A%20immunological%20changes%20in%20humans%20following%20exposure%20in%20water-damaged%20buildings&author=MR.%20Gray&author=JD.%20Thrasher&author=R.%20Crago&journal=Arch%20Environ%20Health&volume=58&issue=7&pages=410-420&publication\\_year=2003](http://scholar.google.com/scholar_lookup?title=Mixed%20mold%20mycotoxicosis%3A%20immunological%20changes%20in%20humans%20following%20exposure%20in%20water-damaged%20buildings&author=MR.%20Gray&author=JD.%20Thrasher&author=R.%20Crago&journal=Arch%20Environ%20Health&volume=58&issue=7&pages=410-420&publication_year=2003))
183. Borchers AT, Gershwin ME (Oct 2015) Fibromyalgia: a critical and comprehensive review. *Clin Rev Allergy Immunol.* 49(2):100–151  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26445775) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=26445775](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=26445775))  
[CrossRef](https://doi.org/10.1007/s12016-015-8509-4) (<https://doi.org/10.1007/s12016-015-8509-4>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Fibromyalgia%3A%20a%20critical%20and%20comprehensive%20review&author=AT.%20Borchers&author=ME.%20Gershwin&journal=Clin%20Rev%20Allergy%20Immunol.&volume=49&issue=2&pages=100-151&publication_year=2015) ([http://scholar.google.com/scholar\\_lookup?title=Fibromyalgia%3A%20a%20critical%20and%20comprehensive%20review&author=AT.%20Borchers&author=ME.%20Gershwin&journal=Clin%20Rev%20Allergy%20Immunol.&volume=49&issue=2&pages=100-151&publication\\_year=2015](http://scholar.google.com/scholar_lookup?title=Fibromyalgia%3A%20a%20critical%20and%20comprehensive%20review&author=AT.%20Borchers&author=ME.%20Gershwin&journal=Clin%20Rev%20Allergy%20Immunol.&volume=49&issue=2&pages=100-151&publication_year=2015))
184. Rinaldi M, Perricone R, Blank M, Perricone C, Shoenfeld Y (2013) Anti-Saccharomyces cerevisiae autoantibodies in autoimmune diseases: from bread baking to autoimmunity. *Clin Rev Allergy Immunol.* 45(2):152–161  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23292495) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=23292495](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=23292495))  
[CrossRef](https://doi.org/10.1007/s12016-012-8344-9) (<https://doi.org/10.1007/s12016-012-8344-9>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Anti-Saccharomyces%20cerevisiae%20autoantibodies%20in%20autoimmune%20diseases%3A%20from%20bread%20baking%20to%20autoimmunity&author=M.%20Rinaldi&author=R.%20Perricone&author=M.%20Blank&author=C.%20Perricone&author=Y.%20Shoenfeld&journal=Clin%20Rev%20Allergy%20Immunol.&volume=45&issue=2&pages=152-161&publication_year=2013) ([http://scholar.google.com/scholar\\_lookup?title=Anti-Saccharomyces%20cerevisiae%20autoantibodies%20in%20autoimmune%20diseases%3A%20from%20bread%20baking%20to%20autoimmunity&author=M.%20Rinaldi&author=R.%20Perricone&author=M.%20Blank&author=C.%20Perricone&author=Y.%20Shoenfeld&journal=Clin%20Rev%20Allergy%20Immunol.&volume=45&issue=2&pages=152-161&publication\\_year=2013](http://scholar.google.com/scholar_lookup?title=Anti-Saccharomyces%20cerevisiae%20autoantibodies%20in%20autoimmune%20diseases%3A%20from%20bread%20baking%20to%20autoimmunity&author=M.%20Rinaldi&author=R.%20Perricone&author=M.%20Blank&author=C.%20Perricone&author=Y.%20Shoenfeld&journal=Clin%20Rev%20Allergy%20Immunol.&volume=45&issue=2&pages=152-161&publication_year=2013))

185. Bloom E, Bal K, Nyman E, Larsson L (2007) Optimizing a GC-MS method for screening of Stachybotrys mycotoxins in indoor environments. *J Environ Monit* 9(2):151–156  
[PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17285157) ([http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17285157](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17285157))  
[CrossRef](https://doi.org/10.1039/B613853E) (<https://doi.org/10.1039/B613853E>)  
[Google Scholar](http://scholar.google.com/scholar_lookup?title=Optimizing%20a%20GC-MS%20method%20for%20screening%20of%20Stachybotrys%20mycotoxins%20in%20indoor%20environments&author=E.%20Bloom&author=K.%20Bal&author=E.%20Nyman&author=L.%20Larsson&journal=J%20Environ%20Monit&volume=9&issue=2&pages=151-156&publication_year=2007) ([http://scholar.google.com/scholar\\_lookup?title=Optimizing%20a%20GC-MS%20method%20for%20screening%20of%20Stachybotrys%20mycotoxins%20in%20indoor%20environments&author=E.%20Bloom&author=K.%20Bal&author=E.%20Nyman&author=L.%20Larsson&journal=J%20Environ%20Monit&volume=9&issue=2&pages=151-156&publication\\_year=2007](http://scholar.google.com/scholar_lookup?title=Optimizing%20a%20GC-MS%20method%20for%20screening%20of%20Stachybotrys%20mycotoxins%20in%20indoor%20environments&author=E.%20Bloom&author=K.%20Bal&author=E.%20Nyman&author=L.%20Larsson&journal=J%20Environ%20Monit&volume=9&issue=2&pages=151-156&publication_year=2007))

## Copyright information

© Springer Science+Business Media New York 2017

## About this article

Cite this article as:

Borchers, A.T., Chang, C. & Eric Gershwin, M. *Clinic Rev Allerg Immunol* (2017) 52: 305.  
<https://doi.org/10.1007/s12016-017-8601-z>

- DOI (Digital Object Identifier) <https://doi.org/10.1007/s12016-017-8601-z>
- Publisher Name Springer US
- Print ISSN 1080-0549
- Online ISSN 1559-0267
- [About this journal](#)
- [Reprints and Permissions](#)

## Personalised recommendations

SPRINGER NATURE

© 2017 Springer International Publishing AG. Part of [Springer Nature](#).

Not logged in Not affiliated 70.191.28.223