

**Submission to The World Health Organization  
Additional Publications Regarding Molds and Mycotoxins  
October 7, 2009**

Dear Mr. Krzyzanowski,

The 2009 WHO "Guidelines for Indoor Air Quality--Dampness and Mould" is an excellent report. The report is making a significant difference in the international understanding of the health effects of moulds and mycotoxins. It is specifically noted that the WHO did an outstanding job of highlighting the immunological effects.

As I mentioned in my previous communication, there are several additional publications that were not included in the literature review for the WHO report. There are also several items that were excluded from the IOM review when they prepared their 2004 report on "Damp Indoor Spaces and Health." I appreciate your invitation to provide a list of additional literature items for your consideration. As you are aware, there are thousands of publications on this topic. The attached lists are not intended to consist of all possible documents, but I hope you find it helpful and hope it leads you to additional sources of information.

I would like to provide a few brief comments:

1. There are two files attached. The first file includes literature items that were published prior to the WHO cutoff date of June 2007 and prior to the IOM cutoff date of 2003. The second file has a few select items that have been published since July 2007. I included only a few of the newer items because I am sure you will do an extensive search when you are ready to update your report.
2. I included the report by Etzel et al titled "Acute Pulmonary Hemorrhage in Infants Associated with Exposure to *Stachybotrys atra* and Other Fungi." On page 81 of the WHO 2009 Guidelines for Indoor Air Quality, it states that this 1998 report by Etzel et al had been retracted. That statement is incorrect. Per Dr. Etzel, this report has not been retracted.
3. There are certain stakeholders who try to confuse this issue by claiming that molds and mycotoxins are only harmful if ingested (not inhaled or touched). This is simply a marketing ploy and is not valid. Molds and mycotoxins are harmful to humans whether exposure is by "ingestion, inhalation, skin and mucosal exposure, or by a combination of two or more of these routes." The following items represent a few examples where this issue is addressed.
  - a. From page 96 of the "U.S. Army Medical Management of Biological Casualties."  
*"Exposure causes skin pain, pruritis, redness, vesiculation, necrosis, and sloughing of the epidermis. Effects on the airway include nose and throat pain, nasal discharge, itching and sneezing, cough, dyspnea, wheezing, chest pain, and hemoptysis. Toxin also produces similar effects after ingestion or eye contact. Severe intoxication results in prostration, weakness, ataxia, collapse, shock, and death."*
  - b. The following quote is from page 284 of the 2006 paper titled, "What the Primary Care Pediatrician Should Know about Syndromes Associated with Exposures to Mycotoxins" (by Etzel RA).

*"Mycotoxins can have protean manifestations; the symptoms depend on the specific toxin or mixture of toxins, the age, sex, and diet of the child, the dose, and whether exposure is by ingestion, inhalation, skin and mucosal exposure, or a combination of two or more of these routes. The most well-characterized presentations among infants and children are summarized in Table 2 under four headings: vomiting illness, bone marrow failure, acute pulmonary hemorrhage, and recurrent episodes of apnea and/or pneumonia."*

c. Another good source is the ACGIH book (published in 1999) titled "Bioaerosols: Assessment and Control." This book has a lot of information about the health effects of mycotoxins including the chart of health effects from "ingestion, dermal, or inhalation exposure" on page 24-3.

d. The following statements are from Dr. Harriet Amman's 2002 report titled "Is Indoor Mold Contamination a Threat to Health?"

*"Because molds grow in moist or wet indoor environments, it is possible for people to become exposed to molds and their products, either by direct contact on surfaces, or through the air, if mold spores, fragments, or mold products are aerosolized."*

*"Health effects from exposures to molds in indoor environments can result from allergy, infection, mucous membrane and sensory irritation and toxicity alone, or in combination."*

e. On page 6 of the 2008 report by the U.S. Government Accountability Office, they state:

*"Mold may affect human health through a number of routes and mechanisms. While inhalation is generally the most common route of exposure for mold in indoor environments, exposure can also occur through ingestion (for example, hand-to-mouth contact) and contact with the skin. The roles of these routes of exposure in causing illness are unclear. Once exposure occurs, health effects may arise through several potential mechanisms, including allergic (or immune-mediated), infectious, and toxic. It is not always possible to determine which of these mechanisms is associated with a specific health outcome."*

Thank you again for your invitation to submit additional literature items. I look forward to hearing from you after you have had an opportunity to review this information.

Sincerely

Cheryl Wisecup

***This submission is dedicated to the millions of families, teachers, employees, and school children throughout the world who have been harmed by exposure to molds and mycotoxins...and to the countless advocates, doctors, scientists and others who have been working tirelessly for years to bring this very important issue to the forefront.***

# Health Effects of Molds and Mycotoxins

## Additional Publications Submitted to the World Health Organization

*Publications dated June 2007 and Earlier*

Date	Author	Title
2002	Ammann HM	<b>Is Indoor Mold Contamination a Threat to Health?</b> <i>J Environ Health: 64 (2002) 43-44</i>
2003	Ammann HM	<b>Is Indoor Mold Contamination a Threat to Health? Part Two</b> <i>J Environ Health: 66 (2003) 47-49</i>
Apr 1998	Etzel R et al	<b>Toxic Effects of Indoor Molds</b> <i>American Academy of Pediatrics, Committee on Environmental Health, Vol 101, No. 4, April 1998</i>
1999	Flappan SM et al	<b>Infant Pulmonary Hemorrhage in a Suburban Home with Water Damage and Mold (Stachybotrys atra)</b> <i>Environ Health Perspectives, 107 (1999) 927-930</i>
Apr 2004	Anyanwu EC, Ehiri J, Akpan, AI	<b>Application, Effectiveness, and Limitations of the Electrophysiological Diagnosis of Neurotoxic Effects of Chronic Environmental Toxins in Humans</b> <i>Int J Adolesc Med Health, 2004 Apr-Jun; 16(2):107-18</i>
Aug 1998	Etzel R et al	<b>Acute Pulmonary Hemorrhage in Infants Associated with Exposure to Stachybotrys atra and Other Fungi</b> <i>Arch Pediatr Adolesc Med, Vol 152, Aug 1998, 757-762</i>
1993	Smoragiewicz W et al	<b>Trichothecene Mycotoxins in the Dust of Ventilation Systems in Office Buildings</b> <i>Int Arch Occup Environ Health, 65 (1993) 113-117</i>
2001	Engvall K et al	<b>Sick Building Syndrome in Relation to Building Dampness in Multi-Family Residential Buildings in Stockholm</b> <i>Int Arch Occup Environ Health, 74 (2001) 270-278</i>
1992	Harrison J et al	<b>An Investigation of the Relationship Between Microbial and Particulate Indoor Air Pollution and the Sick Building Syndrome</b> <i>Respir Med, 86 (1992) 225-235</i>
2001	Apostolakos MJ et al	<b>Hypersensitivity Pneumonitis from Ordinary Residential Exposures</b> <i>Environ Health Perspectives, 109 (2001) 979-981</i>
2003	Chao HJ et al	<b>The Work Environment and Workers' Health in Four Large Buildings</b> <i>Environ Health Perspectives, 111 (2003) 1242-1248</i>
2001	Trout D et al	<b>Bioaerosol Lung Damage in a Worker with Repeated Exposure to Fungi in a Water-Damaged Building</b> <i>Environ Health Perspectives, 109 (2001) 641-644</i>
1999	Dillon HK et al	<b>Review of Methods Applicable to the Assessment of Mold Exposure to Children</b> <i>Environ Health Perspectives, 107 (1999) 473-480</i>
1992	Brunekreef B	<b>Associations Between Questionnaire Reports of Home Dampness and Childhood Respiratory Symptoms</b> <i>Sci Total Environ, 127 (1992) 79-89</i>
2003	Santilli J et al	<b>Fungal Contamination of Elementary Schools: A New Environmental Hazard</b> <i>Ann Allergy Asthma Immunol, 90 (2002) 203-208</i>
2005	Cox-Ganser JM et al	<b>Respiratory Morbidity in Office Workers in a Water-Damaged Building</b> <i>Environmental Health Perspectives, 2005</i>
Jun 1999	Etzel R et al	<b>Indoor Mold and Children's Health</b> <i>Environmental Health Perspectives, Volume 107, Supplement 3:463, June 1999</i>
1999	Peraica M et al	<b>Toxic Effects of Mycotoxins in Humans</b> <i>Bulletin of the World Health Organization, 1999; 77(9):754-66</i>
Feb 1998	Linz DH, Pinney SM, Keller JD, White M, Buncher CR	<b>Cluster Analysis Applied to Building-Related Illness</b> <i>JOEM, Volume 40, February 1998</i>

3/8/2004	Shendell DG, Barnett C, Boese S	<b>Science-Based Recommendations to Prevent or Reduce Potential Exposures to Biological, Chemical, and Physical Agents in Schools</b> Healthy Schools Network, Inc. (HSN), Albany, NY Supported by grants from The Rockefeller Foundation, the National Institutes of Environmental Health Sciences, & the National Clearinghouse for Educational Facilities of the U.S. Dept of Educ
2004	Wilson SC et al	<b>Culturability and Toxicity of Sick Building Syndrome-Related Fungi Over Time</b> <i>J. Occup. Environ. Hyg.</i> 1(8): 500-504, 2004
Jan 1998	Fung F, Clark R, Williams S	<b>Stachybotrys: A Toxin-Producing Fungus of Increasing Toxicological Importance</b> <i>Journal of Toxicology: Clinical Toxicology</i> , Jan-Mar 1998
2004	Marinkovich VA	<b>Fungal Hypersensitivity: Pathophysiology, Diagnosis, Therapy</b> <i>Adv Appl Microbiol</i> , 2004; 55:289-307
2003	Fung F et al	<b>Health Effects of Indoor Fungal Bioaerosols Exposure</b> <i>Applied Occupational and Environmental Hygiene</i> , 2003: 18; 535-544
Apr 2000	Mahmoudi M et al	<b>Sick Building Syndrome III. Stachybotrys chartarum.</b> <i>Journal of Asthma</i> , April, 2000; 37 (2000) 191-208
1972	Forgacs J	<b>Stachybotryotoxicosis</b> Microbial Toxins Vol. III (book), published by Academic Press, Inc., pp. 95-128
2005	Hastings C et al	<b>Comparison of Immunomodulator mRNA Expression and Concentration in Lungs of Stachybotrys Chartarum Spore Exposed Mice</b> <i>J Toxicol Environ Health</i> , A68; 2005:1321-1335
1995	Johanning E et al	<b>Fungi and Bacteria in Indoor Air Environments: Health Effects, Detection and Remediation (book)</b> Eastern New York Occupational and Environmental Health Center, Albany, NY (1995)
6/15/2005	Rand TG et al	<b>Inflammatory and Cytotoxic Responses in Mouse Lungs Exposed to Purified Toxins from Building Isolated Penicillium brevicompactum Dierckx and P. chrysogenum Thom.</b> <i>Toxicological Sciences</i> , 2005; 87:213-222
Sep 1998	Cooley JD, Wong WC, Jumper C, Straus DC	<b>Correlation Between the Prevalance of Certain Fungi and Sick Building Syndrome</b> <i>Occup. Environ. Med.</i> , 1998 Sep; 55(9):579-84
5/20/1998	Rylander R	<b>The Link Between Exposure to Mould and Respiratory Problems is Incontrovertible</b> <i>Lakartidningen</i> . 1998 May 20;95(21):2445-6. Swedish
1974	Newberne PM	<b>Mycotoxins: Toxicity, Carcinogenicity, and the Influence of Various Nutritional Conditions</b> <i>Environmental Health Perspectives</i> , Vol. 9, pp. 1-32, 1974
2007	Buzina W	<b>Health Effects of Indoor Molds</b> <i>Wien Med Wochenschr.</i> 2007;157(19-20):462-5.
7/21/1998	Jarvis BB et al	<b>Study of Toxin Production by Isolates of Stachybotrys Chartarum and Memnoniella Echinata Isolated During a Study of Pulmonary Hemosiderosis in Infants</b> <i>Applied and Environmental Microbiology</i> , Oct. 1998, p. 3620-3625 American Society for Microbiology, Received 26 March 1998; Accepted 21 July 1998
8/12/1998	McGrath JJ, Wong WC, Cooley JD, Straus DC	<b>Continually Measured Fungal Profiles in Sick Building Syndrome</b> <i>Current Microbiology</i> , Received 6 July 1998, Accepted 12 August 1998

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**Book: "Molds and Mycotoxins--Papers from an International Symposium"**

2004	Kilburn KH et al	<b>Molds and Mycotoxins--Papers from an International Symposium (book)</b> Published by Heldref Publications Papers originally published in the Journal of Archives of Environ Health, Vol. 58, Nos. 7 and 8
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**Papers included in "Molds and Mycotoxins"**

2004	Kilburn KH	<b>Indoor Mold Exposure Associated with Neurobehavioral and Pulmonary Impairment: A Preliminary Report</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Rea WJ, Didriksen N, Simon TR, Pain Y, Fenyves EJ, Griffiths B, Kilburn KH (ed.)	<b>Effects of Toxic Exposure to Molds and Mycotoxins in Building-Related Illnesses</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications

2004	Simon TR, Rea, WJ	<b>Use of Functional Brain Imaging in the Evaluation of Exposure to Mycotoxins and Toxins Encountered in Desert Storm/Desert Shield</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Gray MR, Thrasher JD, Crago R, Madison RA, Arnold L, Campbell AW, Vojdani A, Kilburn KH (ed.)	<b>Mixed Mold Mycotoxicosis: Immunological Changes in Humans Following Exposure in Water-Damaged Buildings</b> <i>Journal of Archives of Environmental Health</i> , Volume 58(8):464-74 Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Gray MR, Thrasher JD, Crago BR, Madison RA, Arnold L, Campbell AW, Vojdani A, Kilburn KH (ed.)	<b>Psychological, Neuropsychological, and Electrocortical Effects of Mixed Mold Exposure</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Campbell AW, Thrasher JD, Madison RA, Vojdani A, Gray MR, Arnold L, Kilburn KH (ed.)	<b>Neural Autoantibodies and Neurophysiologic Abnormalities in Patients Exposed to Molds in Water-Damaged Buildings</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Vojdani A, Thrasher JD, Madison RA, Gray MR, Hauser G, Campbell AW, Kilburn KH (ed.)	<b>Antibodies to Molds and Satratoxin in Individuals Exposed in Water-Damaged Buildings</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Dennis DP, Kilburn KH (ed.)	<b>Chronic Sinusitis: Defective T-Cells Responding to Superantigens, Treated by Reduction of Fungi in the Nose and Air</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Lee TG, Kilburn KH (ed.)	<b>Health Symptoms Caused by Molds in a Courthouse</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Straus DC, Cooley JD, Wong WC, Jumper CA	<b>Studies on the Role of Fungi in Sick Building Syndrome</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Jarvis BB, Kilburn KH (ed.)	<b>Analysis for Mycotoxins: The Chemist's Perspective</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Abou-Donia MB, Kilburn KH (ed.)	<b>Organophosphorus Ester-Induced Chronic Neurotoxicity</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Shinn EA, Griffin DW, Seba DB, Kilburn KH (ed.)	<b>Atmospheric Transport of Mold Spores in Clouds of Desert Dust</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Hutton GH	<b>The Way We Build Now</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Warsco K, Lindsey PF	<b>Proactive Approaches for Mold-Free Interior Environments</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Small BM	<b>Creating Mold-Free Buildings: A Key to Avoiding Health Effects of Indoor Molds</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Rogers SA, Kilburn KH (ed.)	<b>Lipoic Acid as a Potential First Agent for Protection from Mycotoxins and Treatment of Mycotoxicosis</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications
2004	Kilburn KH	<b>Summary of the 5th International Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health</b> <i>Journal of Archives of Environmental Health</i> , Volume 58, Nos. 7 and 8, for bound publication Book titled "Molds and Mycotoxins" published by Heldref Publications

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1997	Zajtchuck Brig Gen Russ (ed.) Wannemacher RW	<b>Textbook of Military Medicine: Medical Aspects of Chemical and Biological Warfare</b> Chapter 4: Trichothecene Mycotoxins Published by the Office of the Surgeon General, Department of the Army, U.S.
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3/26/2002	Croft WA, Jastromski BM, Peters HA	<b>Clinical Confirmation of Trichothecene Mycotoxicosis in Patient Urine</b> <i>Journal of Environmental Biology</i> , 23(3), 301-320 (2002) Received 19 April 2001; Accepted 26 March 2002
11/7/1986	Creasia, DA, Nealley ML, Jones LJ, York CG, Wannemacher RW, Bunner DL	<b>Acute Inhalation Toxicity of a Saline Suspension of T-2 Mycotoxin and Mice</b> Army Medical Research Inst of Infectious Diseases Toxicol. Appl. Pharmacol., Report Date 07 Nov 1986 Accession Number : ADA190156
1999	Macher J, Ammann HA, Burge HA, Milton DK, Morey PR (editors)	<b>Bioaerosols: Assessment and Control (book)</b> Published by ACGIH (American Conference of Governmental Industrial Hygienists)
2002	Andersen B et al	<b>Characterization of Stachybotrys from Water-Damaged Buildings Based on Morphology, Growth, and Metabolite Production</b> <i>Mycologia</i> , 94; 2002: 392-403
2002	Ebbehoj NE et al	<b>Building-Related Symptoms and Molds: A Two-Step Intervention Study</b> <i>Indoor Air</i> 12 (2002) 273-277
2003	Miller JD et al	<b>Stachybotrys chartarum: Cause of Human Disease or Media Darling?</b> <i>Medical Mycology</i> , 2003; 41:271-291
9/24/2004	Straus DC (editor)	<b>Sick Building Syndrome (book)</b> <i>Advances in Applied Microbiology</i> , Volume 55
Sept 2006	Marinkovich VA	<b>Position Paper on Molds is Seriously Flawed</b> <i>J Allergy Clin Immunol</i> , 2006 Sept; 118(3):761-2
1999	Sumarah MW et al	<b>Effects of Stachybotrys chartarum Spores and Toxin on Mouse Lung Surfactant Phospholipid Composition</b> Book: <i>Bioaerosols, Fungi and Mycotoxins, Health Effects, Assessment, Prevention and Control</i> , Eastern N.Y. Occupational and Environmental Health Center, Albany, NY, 1999, pp. 444-452
Apr 2005	Shoemaker R C	<b>Mold Warriors: Fighting America's Hidden Health Threat (book)</b> Published by Gateway Press, April 2005
2005	Ponikau JU	<b>The Role of Ubiquitous Airborne Fungi in Chronic Rhinosinusitis</b> <i>Current Allergy and Asthma Reports</i> . 2005; 5:472-476
May 1997	Mule' G, Logriecov A, Stea G, Bottalico A	<b>Clustering of Trichothecene-Producing Fusarium Strains Determined from 28S Ribosomal DNA Sequences</b> <i>Applied and Environmental Microbiology</i> , May 1997, p. 1843-1846
1998	Hintikka E, Nikulin M	<b>Airborne Mycotoxins in Agricultural and Indoor Environments</b> CIB Centro Inter-Bibliotecario, Università di Bologna, Catalogo delle riviste ed altri periodici Documento generato il 24/09/09 alle ore 02:57:50, pages 66-70
2004	Curtis L et al	<b>Adverse Health Effects of Indoor Moulds</b> <i>Journal of Nutr Environ Med</i> , 2004, 14(3): 261-274
1986	Croft WA et al	<b>Airborne Outbreak of Trichothecene Toxicosis</b> <i>Atmos Environ</i> . 1986; 20: 49-552
7/1/2005	Sanchez-Ramos J	<b>Brain's DNA Repair Response to Neurotoxicants</b> U.S. Army Medical Research and Materiels Command Grant Number DAMD17-03-1-0501
2004	Gordon WA, Cantor JB	<b>The Diagnosis of Cognitive Impairment Associated with Exposure to Mold</b> <i>Adv Appl Microbiol</i> 55:361-374, 2004
2004	Gordon WA, Cantor JB, Johanning E, Charatz HJ, Ashman TA, Breeze JL, Haddad L, Abramowitz S	<b>Cognitive Impairment Associated with Toxigenic Fungal Exposure: A Replication and Extension of Previous Findings</b> <i>Appl Neuropsychol</i> 11:65-74, 2004
7/12/2005	Sava V, Reunova O, Velasquez A, Harbison R, Sanchez-Ramos J	<b>Acute Neurotoxic Effects of the Fungal Metabolite Ochratoxin-A</b> <i>NeuroToxicology</i> , 27:82-92, 2006 Received 31 January 2005; accepted 12 July 2005
3/10/2006	Schaller J, Rosen G	<b>When Traditional Medicine Fails--Your Guide to Mold Toxins</b> Published by Hope Academic Press, March 10, 2006

2006	Chew GL et al	<b>Mold and Endotoxin Levels in the Aftermath of Hurricane Katrina: A Pilot Project of Homes in New Orleans Undergoing Renovation</b> <i>Environmental Health Perspectives</i> : 114(12):1883-9, 2006
2002	Nieminen SM	<b>Isolation and Identification of <i>Aspergillus Fumigatus</i> Mycotoxins on Growth Medium and Some Building Materials</b> <i>Applied Environ Microbiol</i> , 68 (2002) 4871-4875
2006	Sava V, Reunova O, Velasquez A, Sanchez-Ramos J	<b>Can Low Level, Non-lethal Exposure to Ochratoxin-A Cause Parkinsonism?</b> <i>J. Neurosci</i> (2006)
5/9/2006	Pestka J, Zhou HR	<b>Toll-Like Receptor Priming Sensitizes Macrophages to Proinflammatory Cytokine Gene Induction by Deoxynivalenol and Other Toxicants</b> <i>Toxicol Sci</i> . 2006 Aug;92(2):445- 55. Epub 2006 May 9
7/11/2005	Islam Z, Pestka JJ	<b>LPS Priming Potentiates and Prolongs Proinflammatory Cytokine Response to the Trichothecene Deoxynivalenol in the Mouse</b> <i>Toxicol Appl Pharmacol</i> . 2006 Feb 15;211(1):53- 63. Epub 2005 Jul 11.
11/15/2006	Pekkanen J, Hyvärinen A, Haverinen-Shaughnessy U, Korppi M, Putus T, Nevalainen A	<b>Moisture Damage and Childhood Asthma: A Population-Based Incident Case-Control Study</b> <i>Eur Respir J</i> 2007; 29:509-515, Published online November 15, 2006
2005	Rementeria A, Lopez-Molina N, Ludwig A, Vivanco AB, Bikandi J, Ponton J, Garaizar J, Iberoam R	<b>Genes and molecules involved in <i>Aspergillus fumigatus</i> virulence</b> <i>Micol</i> 2005; 22: 1-23©2005 Revista Iberoamericana de Micología Apdo. 699, E-48080 Bilbao (Spain)1130-1406/01/10.00 €
12/20/2004	Panaccione DG, Coyle CM	<b>Abundant Respirable Ergot Alkaloids from the Common Airborne Fungus <i>Aspergillus fumigatus</i></b> <i>Applied and Environmental Microbiology</i> , June 2005, p. 3106–3111 Vol. 71, No. 6 Received 17 September 2004/Accepted 20 December 2004 0099-2240/05/\$08.00_0 doi:10.1128/AEM.71.6.3106–3111.2005, American Society for Microbiology.
12/20/2004	Coyle CM, Panaccione DG	<b>An Ergot Alkaloid Biosynthesis Gene and Clustered Hypothetical Genes from <i>Aspergillus Fumigatus</i></b> <i>Applied and Environmental Microbiology</i> , June 2005, p. 3112–3118 Vol. 71, No. 6 Received 27 November 2004/Accepted 20 December 2004 0099-2240/05/\$08.00_0 doi:10.1128/AEM.71.6.3112–3118.2005 American Society for Microbiology
6/1/2004	Brasel TL, Campbell AW, Demers RE, Ferguson BS, Fink J, Vojdani J, Wilson SC, Straus DC	<b>Detection of Trichothecene Mycotoxins in Sera from Individuals Exposed to <i>Stachybotrys Chartarum</i> in Indoor Environments</b> <i>Archives of Environmental Health</i> , June 2004 Volt 59 (No 6), 317-323
1998	Shah DT, Jackman S, Engle J, Larsen B	<b>Effect of Gliotoxin on Human Polymorphonuclear Neutrophils</b> <i>Infectious Diseases in Obstetrics and Gynecology</i> 6:168-175 (1998)
4/1/2005	CDC, NIOSH, Univ of Connecticut	<b>Respiratory Morbidity in Office Workers in a Water-Damaged Building</b> Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Morgantown, West Virginia, USA; University of Connecticut Health Center, Farmington, Connecticut, USA <i>Environmental Health Perspectives</i> VOLUME 113   NUMBER 4   April 2005
2004	Goldman L, Falk H, Landrigan PJ, Balk SJ, Reigart JR, Etzel RA	<b>Environmental Pediatrics and Its Impact on Government Health Policy</b> DOI: 10.1542/peds.113.4.S1.1146 <i>Pediatrics</i> 2004;113;1146-1157
01/2003	Kuhn DM, Ghannoum MA	<b>Indoor Mold, Toxigenic Fungi, and <i>Stachybotrys chartarum</i>: Infectious Disease Perspective</b> <i>Clinical Microbiology Reviews</i> , Jan. 2003, p. 144–172 Vol. 16, No. 1
May 2005	Shoemaker RC et al	<b>Sick Building Syndrome in Water Damaged Buildings: Generalization of the Chronic Biotoxin-Associated Illness Paradigm to Indoor Toxigenic Fungi</b> Book: Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health: Pathophysiology, Clinical Effects, Exposure Assessment, Prevention and Control (May 2005)
2003	Johanning E et al	<b>Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health (book)</b> Fungal Research Foundation, The Proceedings of the 5th International Bioaerosol Conference, Saratoga Springs, NY, September 9-12, 2003
2001	Johanning E et al	<b>Bioaerosols, Fungi and Mycotoxins, Health Effects, Assessment, Prevention and Control (book)</b> Fungal Research Foundation, Proceedings of the Third International Bioaerosol Conference, Saratoga Springs, NY, 2001

2004	Campbell A, Thrasher JD, Gray M, Vojdani A, Straus DC (ed.)	<b>Mold and Mycotoxins: Effects on The Neurological and Immune Systems in Humans</b> <i>Advances In Applied Microbiology</i> 2004 0065-2164/04, Volume 55
06/1999	Sorenson WG	<b>Fungal Spores: Hazardous to Health?</b> Division of Respiratory Disease Studies, National Institute for Occupational Safety and Health, Morgantown, West Virginia USA <i>Environmental Health Perspectives</i> , Vol 107, Supplement 3 * June 1999
09/2006	Etzel R	<b>What The Primary Care Pediatrician Should Know about Syndromes Associated with Exposures to Mycotoxins</b> <i>Curr Probl Pediatr Health Care</i> , September 2006
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Submitted to WHO on October 7, 2009  
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# Health Effects of Molds and Mycotoxins

## Additional Publications Submitted to the World Health Organization

*Publications dated July 2007 and Later*

Date	Author	Title
2008	Cole EC, Craner J	<b>Health Effects of Indoor Exposure to Mold in Water/Moisture-Impacted Buildings</b> Standard and Reference Guide for Professional Mold Remediation, S520-2008 ANSI/IICRC (American National Standards Institute/Institute for Inspection, Cleaning, and Restoration Certification)
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