

LIST OF PARTICIPANTS

Dr. W. R. Adey	Professor, Anatomy and Physiology, Center for Health Sciences, School of Medicine, University of California, Los Angeles, California 90024, USA.
Dr. B. Appleton	Chief, Ophthalmology Service, Department of the Army, Walter Reed Army Medical Center, Washington, D. C. 20012, USA.
Mr. H. D. Baillie	Lecturer in Surgery, Department of Surgery, The Royal Infirmary, University of Manchester, Manchester M 13 9 WL, UK.
Dr. R. C. Baird	Chief, Electromagnetic Fields and Antennas Section, Electromagnetic Division, National Bureau of Standards, Boulder, Colorado 80302, USA.
Dr. S. Barański	Professor and Director, Military Institute of Aviation Medicine, ul. Krasińskiego 54, 01-755 Warsaw 86, Poland
Dr. D. E. Beischer	Professor and Chief, Biomedical Division, Naval Aerospace Medical Research Laboratory; Pensacola, Florida 32512, USA.
Mr. R. R. Bowman	Scientist, Electromagnetics Division, National Bureau of Standards, Boulder, Colorado 80302, USA.
Dr. P. Czerski	Associate Professor of Histology and Head Department of Genetics National Research Institute of Mother and Child ul. Kasprzaka 17, 01-211 Warsaw, Poland
Dr. B. Dieterich	Director, Division of Environmental Health, World Health Organization Avenue Appia, 1211 Geneva 27, Switzerland
Dr. J. D. Dumanskij	Senior Research Worker, Institute of General and Communal Hygiene, Kirova 7, 252021-Kiev, USSR.

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

- Dr. Z. Edelwejn** Associate Professor of Neurology,
Military Institute of Aviation Medicine,
ul. Krasińskiego 54,
01-755 Warsaw 86, Poland
- Dr. R. L. Elder** Deputy Director,
Bureau of Radiological Health,
Food and Drug Administration
5600 Fishers Lane
Rockville, Maryland 20852, USA.
- Dr. G. I. Evtušenko** Director,
Institute of Industrial Hygiene and Occupational Diseases,
ul. Trinklera 6,
Harkov, USSR.
- Dr. M. Faber** Professor and Director
The Finsen Laboratory,
The Finsen Institute,
Strandboulevarden 49
2100 Copenhagen, Denmark.
- Mr. Z. Frank** Scientist,
Institute of Aviation Medicine,
Kovpakova 1,
16060 Prague 6, Czechoslovakia.
- Dr. J. C. Gallagher** Professor, Bradford University,
Langarth
Woodland Grove, Weybridge Surrey KT 13 9 EQ,
United Kingdom.
- Dr. L. Goldstein** Associate Professor of Psychiatry,
Institute for Mental Health Sciences,
Rutgers Medical School,
P. O. Box 101
Piscataway, New Jersey 08854, USA.
- Dr. Zinaida V. Gordon** Professor and Head, Laboratory of Electromagnetic Fields,
Institute of Industrial Hygiene and Occupational Diseases
of the USSR Academy of Medical Sciences,
Meierovski Proezd 31,
Moscow, USSR.
- Dr. E. H. Grant** Reader in Physics,
Physics Department,
Queen Elizabeth College
University of London
Campden Hill Road,
London W 8 7AH, UK.
- Dr. A. W. Guy** Associate Professor,
Department of Rehabilitation Medicine,
School of Medicine,
University of Washington
Seattle, Washington 98195, USA.

List of participants

- Dr. K. H. Illinger** Associate Professor of Chemistry,
Department of Chemistry,
Tufts University,
Medford, Massachussets 02155, USA.
- Dr. D. R. Justesen** Director, Laboratories of Experimental
Neuropsychology
US Veterans Administration Hospital
4801 Linwood Boulevard
Kansas City, Missouri 64128, USA.
- Dr. Taisia V. Kalada** Head, Laboratory of Physical Agents
Institute of Industrial Hygiene and Occupational Diseases,
2-aja Sovietskaja 4,
Leningrad, USSR.
- Dr. Eliška Klimková-Deutschová** Professor of Neurology,
University Clinic
Beloňradská 130,
12000 Prague 2 Vinohrady, Czechoslovakia
- Dr. F. Kossel** Professor and Director,
Division of Radiation Hygiene,
Ministry of Health,
Ingolstädter Landstrasse 1,
8042 Neuherberg,
Federal Republic of Germany.
- Dr. H. Kucia-Korniewicz** Senior Research Worker,
Central Institute of Labour Protection,
Pl. Konstytucji 2,
00-552 Warsaw, Poland
- Dr. J. Kupfer** Research Worker,
German Central Institute for Occupational
Medicine,
Möldnerstrasse 40-42,
1034 Berlin
German Democratic Republic.
- Dr. Evgenia A. Lobanova** Senior Research Worker,
Institute of Industrial Hygiene and Occupational Diseases
of the USSR Academy of Medical Sciences
Meierovski Proezd 31,
Moscow, USSR
- Dr. S. Martner** Industrial Physician,
Telefonaktiebolaget L. M. Ericsson
Hälso Sjukvården,
43120 Mölndal, Sweden
- Dr. S. M. Michaelson** Professor
Department Radiation Biology and
Biophysics,
School of Medicine and Dentistry,
University of Rochester,
Rochester, New York 14642, USA.

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

- Dr. W. A. Mills Director,
 Criteria and Standards Division,
 Office of Radiation Programs,
 Environmental Protection Agency
 5600 Fishers Lane,
 Rockville, Maryland 20852, USA.
- Dr. H. Mikołajczyk Associate Professor of Endocrinology and Head,
 Department of Physical Hazards,
 Institute of Industrial Medicine
 ul. Teresy 8,
 91-348 Łódź, Poland.
- Dr. L. Miro Associate Professor of Biophysics,
 Laboratory of Cellular Biology,
 Faculty of Medicine,
 Avenue Kennedy,
 30 Nimes, France
- Dr. Kamila V. Nikonova Senior Research Worker,
 Institute of Industrial Hygiene and Occupational Diseases
 of the USSR Academy of Medical Sciences.
 Meierovski Proezd 31,
 Moscow, USSR.
- Dr. K. Ostrowski Professor and Director,
 Institute of Biostructure
 Warsaw Medical Academy,
 ul. Chalubińskiego 5,
 02-004 Warsaw, Poland.
- Dr. Jana Pazderova Research Worker,
 Clinic for Occupational Diseases,
 Vysehradska 49,
 Prague 2, Czechoslovakia.
- Dr. M. Piotrowski Senior Research Worker,
 Military Institute of Hygiene and Epidemiology,
 ul. Kozielska 4,
 01-163 Warsaw, Poland
- Dr. C. Romero-Sierra Research Biologist,
 Department of Anatomy,
 Queen's University,
 Kingston, Ontario, Canada.
- Dr. A. V. Rościn Professor and Director
 Institute of Industrial Hygiene and Occupational Diseases
 of the USSR Academy of Medical Sciences,
 Meierovski Proezd 31,
 Moscow, USSR.
- Dr. R. Rugh Research Biologist,
 Bureau of Radiological Health,
 Food and Drug Administration,
 5600 Fishers Lane
 Rockville, Maryland 20852, USA.

- Dr. Maria N. Sadčikova** Senior Research Worker,
Institute of Industrial Hygiene and Occupational Diseases
of the USSR Academy of Medical Sciences,
Meierovski Proezd 31,
Moscow, USSR.
- Dr. H. P. Schwan** Professor and Chairman,
Department of Biomedical Engineering
Moore School of Electrical Engineering,
University of Pennsylvania,
200 South, 33nd Street
Philadelphia, Pennsylvania 19104, USA.
- Dr. B. Servantie** Research Worker,
Section of Cellular Biology,
Naval Centre for Applied Biophysical
Studies and Research,
Sainte-Anne,
83-Toulon-Naval, France
- Dr. E. Shalmon** Scientist,
Radiation Health, Unit World Health Organization
Avenue Appia,
1211 Geneva 27, Switzerland
- Dr. M. L. Shore** Director,
Division of Biological Effects,
Bureau of Radiological Health,
Food and Drug Administration
5600 Fishers Lane
Rockville, Maryland 20852, USA.
- Dr. M. Siekierzyński** Specialist Internal Diseases,
Institute for Postgraduate Study,
Military Medical Academy,
ul. Szaserów 28,
04-306 Warsaw 60, Poland.
- Dr. Charlotte Silverman** Deputy Director,
Division of Biological Effects,
Bureau of Radiological Health,
Food and Drug Administration
5600 Fishers Lane
Rockville, Maryland 20852, USA.
- Dr. D. B. Smith** Professor
Postgraduate School of Studies in Electrical and Electronic
Engineering,
University of Bradford,
Bradford, Yorkshire BD 7 1-DP,
United Kingdom
- Dr. Wanda-Stodolnik-
Barańska** Head, Laboratory of Electron Microscopy,
Institute of Biostructure,
Warsaw Medical Academy,
ul. Chałubińskiego 5,
02-004 Warsaw, Poland.

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

- Dr. J. Štverák** Research Worker,
Institute of Aviation Medicine,
Kovpakova 1,
16060 Prague 6, Czechoslovakia.
- Dr. M. J. Suess** Regional Officer for Environmental Health,
World Health Organization
Regional Office for Europe
8, Scherfigsvej,
2100 Copenhagen, Denmark.
- Dr. C. Susskind** Professor, Department of Electrical Engineering
University of California
Berkeley, California 94720, USA.
- Dr. B. M. Tengroth** Professor and Head,
Department of Ophthalmology,
University of Göteborg
Sahlgrenska sjukhuset
41345 Göteborg, Sweden.
- Mr. J. C. Villforth** Director,
Bureau of Radiological Health,
Food and Drug Administration
5600 Fishers Lane
Rockville, Maryland 20852, USA.
- Dr. W. A. G. Voss** Professor, Department of Electrical Engineering
The University of Alberta
Edmonton, Alberta, Canada.
- Dr. B. Waldeskog** Medical Physicist,
Radiation Health Unit, World Health Organization
Avenue Appia,
1211 Geneva 27, Switzerland.
- Dr. K. Yagi** Research Worker,
Tokyo Medical College Hospital
6—7 — I Nishishinjuku
Shinjuku — ku, Japan.
- Dr. M. M. Zaret** Director of Research,
The Zaret Foundation Inc.
1230 Post Road
Scarsdale, New York, 10583, USA.
- Dr. S. Żydecki** Ophthalmologist
Institute for Postgraduate Study,
Military Medical Academy,
ul. Szaserów 28,
04-306 Warsaw 60, Poland.

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

REPRESENTATIVES OF INTERNATIONAL ORGANIZATIONS

Commission of the European Communities
Mr. *A. Jolivet*
International Association of Radiation Protection Associations
Dr. *M. Faber*
International Commission on Radiological Protection
Dr. *M. Faber*
International Commission on Radiation Units and Measurements
Dr. *A. Fränz*
International Society of Radiology
Dr. *M. Siekierzyński*

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

INDEX OF NAMES

- Aaron 315
Abbott 201
Abe 171
Ablett 315
Acevedo 14
Ackerman 177
Adcy 98, 321, 322, 336
Alberts 177
Aldrich 14, 185
Aleksandrovskaja 149
Alekseev 51
Almasszy 312, 315
Ananov 118
Anderson 51
Anochin 117, 118, 126
Anufieva 151
Appleton 186, 330, 336
Arutunov 118
Asabacy 25
Asanova 56
Aslan 184, 224, 235
Aslane 226
Ashleman 216
Ashwood-Smith 201
Astaldi 195
Aurell 302, 305

Bacon 12
Bach 288
Badian 251
Baillie 15, 21, 184, 317, 336
Baird 203, 228, 236, 327, 336
Barański 44, 45, 46, 51, 67,
 73, 74, 88, 119, 126, 127,
 173, 177, 195, 321, 336
Barnothy 150
Barofsky 139
Bate 150
Baus 14
Bawin 322
Beckman 173
Bcering 51
Beischer 254, 336
Bekling 98
Belding 107
Belova 34, 184, 267
Belsher 220, 226

Benzinger 13
Bercel 127
Berezinskaja 51, 57
Berlureau 322
Bernal 51
Berteaud 322
Bertharion 36, 45
Bessel 245
Biddle 13, 21, 184
Bigu del Blanco 145, 150, 151
Biraben 322
Bird 171
Birenbaum 10, 13, 171, 184
Block 171
Bligh 13
Blood VII, XI
Bloor 21
Bradley 127, 150
Bræmall 236
Brandt 253
Braun 236
Bremer 118
Briese 139
Brobeck 14
Bronstein 66
Bruland 127
Brownell 288
Bryndová 281, 288
Bochenek 253
Bodian 253
Boettcher 159
Bogač 34
Boiteau 66
Booth 172
Bonvallet 127
Bottreau 322
Bourne 51
Bovet 127
Bowman 217, 220, 226, 227,
 235, 259, 271, 236
Buchanan 177, 312, 314, 315
Burke 171
Burton 21
Byčkov 22, 25, 34, 57
Cameron 150
Canvin 150

Carpenter 10, 13, 21, 178, 184,
 185, 305, 325
Casimir 253
Causey 150
Cavaliere 314, 315
Christiansen 49, 51
Christman 98, 107
Chu 236
Cieciura 51
Ciocatto 315
Clark 185
Clarke 140
Cleary 21, 216, 267
Clementi 171
Cline 177
Cogan 181, 185
Cole 159, 171
Constable 150
Cook 177, 253, 312, 314, 315
Copernicus 12
Coriell 201
Coriol 127
Crawford 236
Crockett 322
Currier 13
Curtiss 171
Cutts 177
Cvetkova 118
Čiženkova 118
Čuhlovin 242
Čulina 57, 267
Čupurov 274, 278
Czerski V, XI, 67, 73, 74, 177,
 195, 203, 305, 327, 336

Daily 178, 184
Dallochio 322
Davies 151, 159, 171
Day 171
Dąbrowski 251
Deichmann 51, 66, 98, 107,
 150
Delgado 13
Delina-Stula 139
Dell 127
Delmon 322
De Minko 66

- Demokidova 57
 Denisiewicz 51
 De Quijada 139
 Descortes 12
 Diačesko 51
 Dieterich XI, XII, 336
 Dikmak 185
 Dinns 107
 Diublina 66
 Djordjevic 13
 Dolgi 34
 Dossctor 196
 Drabkin 242
 Dreyfus 36
 Drogičina 267, 288
 Dronov 25
 Drost-Hansen 315
 Duane 185, 305
 Dubois 13
 Dumanskij 289, 336
 Durneva 267
 Dvižkov 288
 Dziuk 51
 Ecker 150
 Edelwejn 44, 45, 119, 126, 127,
 261, 321, 330, 337
 Efremova 118
 Einaugler 185
 Einstein 12
 Elder 178, 261, 330, 333, 337
 Emery 185, 216
 Engen 236
 Eppinger 88
 Escoubet 36
 Etienne 36
 Evans 51
 Evtušenko 337
 Faber 337, 343
 Fairbank 171
 Fanconi 171
 Fenn 150
 Ferri 178
 Fischer 13, 274, 288
 Fleming 14
 Fletcher 218, 227, 238, 239
 Fofanov 267
 Foltz 13
 Formánek 288
 Fournier 322
 Frank 240, 315, 337
 Fränz 343
 Fraunfelder 184, 185
 Freeman 171
 Frey 150, 205, 216, 328
 Freyman 74
 Friedman 127
 Fujino 74, 75
 Fukalova 52, 56, 57
 Galanin 66
 Galerkin 244, 250
 Gallagher 309, 332, 337
 Gastaut 127
 Geeraets 13
 Geflon 27, 34, 267
 Gellin 51
 Gembicki 267
 Gilstrap 13
 Gins 98
 Ginzburg 267
 Ginzton 253
 Giovanella 315
 Glaser 51, 242
 Glotova 57, 267
 Golay 218, 227
 Goldstein 128, 133, 321, 337
 Gončarova 52, 56, 57
 Goodwin 127
 Gordon XI, 1, 2, 6, 9, 13, 14,
 22, 26, 34, 35, 51, 57, 118,
 151, 184, 195, 240, 248, 267,
 317, 318, 319, 325, 337
 Gorjačeva 118
 Gould 51
 Graedon 133
 Grant 152, 253, 309, 312, 315,
 324, 332, 337
 Green 201
 Greenberg 13
 Greenspan 49, 51
 Gregson 171
 Grifone 253
 Grosor 13
 Grozdikova 118
 Guérin 322
 Gunn 48, 51
 Guskova 288
 Guy 8, 13, 185, 203, 205, 216,
 322, 327, 328, 337
 Hagan 178
 Haggis 177
 Haines 98, 107
 Hall 127
 Halter 151
 Hamiltonian 164
 Hammca 171
 Hanai 13
 Hanna 184, 185
 Hansen 314
 Harris 172
 Harrison 14
 Harvey 253
 Hasted 177
 Hatch 98, 107
 Haussholder 253
 Havlova 288
 Haycs 171
 Healer 267
 Hedenius 150
 Heidelberge 315
 Heimer 242
 Heller 195
 Herrick 184
 Hersey 150
 Hiebel 127
 Hill 159, 171
 Hines 185, 305
 Hiramine 75
 Hirsch 185
 Hirschfelder 171
 Ho 98, 107
 Holland 74
 Holdov 118, 149
 Horvath 13
 Hořejší 288
 Howland 14, 51, 66, 74, 88
 Houk 13
 Hramova 66
 Hudson 236
 Husband 151
 Hunt 14, 216
 Ichinura 315
 Illinger 2, 152, 160, 171, 172,
 324, 338
 Inoue 75, 88
 Ito 75
 Itoh 171
 Jakes 236
 Jakovleva 118
 Jandle 88
 Janicka 73
 Jasper 118
 Jašina 56
 Jensen 51
 Jiles 191, 195
 Jirsch 201
 John 288
 Johnson 13, 216, 315
 Jolivet 343
 Jolly 36, 45
 Jones 171
 Jordan 312, 315
 Ju 51
 Jull 236
 Justesen 134, 139, 140, 216,
 338

- Kagan 66
 Kalada 1, 52, 57, 127, 317, 338
 Kalašnikova 118
 Kaplan 184
 Kaprio XII
 Karamyšev 56, 57
 Kartašov 66
 Kazbekov 118
 Keeffe 312, 315
 Kendall 280
 Keplinger 150
 Key 127
 Kicovskaja 25, 57, 88, 118, 144
 Kielich 171, 172
 Kihara 172
 Kinber 236
 King 14, 140, 216, 254, 257, 258, 259
 Kinoshita 181, 185
 Klimková-Deutschová 261, 267, 268, 330, 338
 Kljačina 66
 Kolak 13
 Kolesnik 267
 Kolin 171
 Kolmogorov 114
 Konikova 56
 Kossel 338
 Kotliarevskij 111, 118
 Kramar 185
 Kramer 216
 Krasnoselski 253
 Krašinskij 113, 118
 Krimm 171
 Kritikos 13
 Kruglikov 118
 Kruminskij 144
 Krupkowski 171
 Kucia-Korniewicz 338
 Kupfer 338
 Kurohane 75
 Kurz 185
 Lakuanova 118
 Landeen 51
 Larsen 14, 220, 226
 Lawrence 271
 Leach 98
 Legare 171
 Lehmann 216
 Lehr 201
 Leibo 196
 Levinson 134, 140
 Levitina 66
 Lewis 171
 Leubereau 171
 Leydig 48
 Li 51
 Liberman 66
 Liebow 201
 Lin 185, 216
 Lisiewicz 195
 Litwack 174
 Litwin 195
 Livšić 140
 Lloyd 127
 Lobanova 25, 34, 109, 118, 321, 338
 Longacre 13
 Longo 127
 Lošak 66
 Loubiere 51, 89
 Lödwin 171
 Lukáš 288
 Lumry 171
 Lutomirski 14
 Luyet 201
 Luzzio 288
 Lysina 267
 Mackiewicz 74
 Magoun 14
 Mahler XII
 Maksimienko 56
 Malinovskij 109, 118
 Małecki 181
 Marchial 171
 Margenau 171
 Margottini 315
 Marha 141, 144, 150, 227, 240, 242, 322
 Martner 338
 Masszi 312, 315
 Maurel 171
 Maxwell 244
 Mayer 322
 Mazur 196, 201
 McAfee 11, 14
 McClean 172
 McCoy 199
 McNeill 13
 Medici 322
 Medvedev 267
 Mehl 171
 Mercier 127
 Merda 181, 185
 Meryman 201
 Metley 184
 Michaelson 1, 13, 14, 46, 51, 66, 67, 74, 88, 160, 171, 185, 267, 305, 317, 319, 338
 Michlin 253
 Mikołajczyk 46, 51, 317, 339
 Miller 171
 Mills 315, 339
 Milroy 46, 51, 185
 Minecki 14, 51
 Miro 51, 67, 89, 339
 Mirutenko 34
 Misik 315
 Miščenko 57
 Molyšev 267
 Monaenkova 267
 Monahan 14, 185
 Moneta 173
 Mondovi 315
 Moniava 118
 Moore 14
 Moricca 315
 Mostova 66
 Mumford 66, 98, 107, 242
 Murray 150
 Musil 150, 227, 242
 Nadasdi 150
 Nagayama 171
 Narayanamurti 171
 Narikašili 118
 Nathaniel 150
 Nicholson 185
 Nelson 13
 Némcova 288
 Newell 236
 Nicholson 14
 Nikitina 57
 Nikogosjan 26, 27, 34, 118
 Nikolsky 253
 Nikonova 22, 34, 58, 66, 309, 318, 330, 339
 O'Connor 201
 Odeldad 150
 Oderblad 332
 O'Konski 171
 Olejniczakowski IX
 Olubek 14
 Opitz 150
 Orlova 267
 Orobčí 66
 Orttung 171
 Osipov 57, 267
 Ostrovskaja 56, 57
 Ostrowski V, XI, 51, 339
 Overgaard J. 314, 315
 Overgaard K. 314, 315
 Pafkova 141, 144
 Paprocka-Slonka 67, 74
 Parkhill 184
 Parker 185

- Pauli 165
 Pautrizel 322
 Pavkova 322
 Pavlov 117
 Pavlova 267
 Pazderová 281, 288, 339
 Pease 150
 Pechar 288
 Pennock 312, 315
 Petricolas 171, 172
 Petrov 34, 66, 74, 150, 195
 Peyton 150
 Pfister 51, 89
 Phillips 9, 14, 205, 216
 Picková 281
 Piekara 171, 172
 Piersol 14
 Pimantel 172
 Pincussen 173, 177
 Pinneo 10, 14
 Piontovskij 118
 Piotrowski 203, 243, 327, 339
 Plohinskij 118
 Pochmon 288
 Pohl 159
 Polis 133
 Popovic 150
 Poňkin 57
 Powell 51
 Powers 172
 Presman 8, 14, 34, 66, 227
 Pressman 145, 150, 177
 Price 159, 171
 Prince 14
 Priore 322, 323
 Pullman 171
 Quanbury 150
 Quickenden 315
 Rajotte 196, 201
 Ramzen 34
 Ranson 14
 Rapatz 201
 Rcchenmiller 14
 Rein 172
 Reno 254
 Richardson 178, 185, 305
 Riviere 322
 Roberts 314, 315
 Romaniuk 14
 Romero-Sierra 145, 150, 151,
 322, 339
 Rose 51
 Rosenthal 13, 51, 184
 Rossi-Fanelli 315
 Roščin 22, 109, 321, 333, 339
 Roth 267
 Rothstein 177
 Rössle 88
 Rugh 13, 98, 107, 318, 325,
 339
 Ryzhov 151
 Sacchitelli F. 288
 Sacchitelli G. 288
 Sadčíkova 23, 57, 261, 267,
 330, 340
 Salisbury 185
 Samson 322
 Sanocki 66
 Sasada 88
 Saulsberg 236
 Savin 242
 Sandala 289
 Scapicchio 150
 Ščeglova 56
 Schawlow 172
 Scheikunoff 236
 Schoffeniels 177
 Schönander 120
 Schmidt 184, 322
 Schrödinger 165
 Schwan XI, 1, 2, 8, 13, 14,
 151, 152, 158, 159, 160, 172,
 177, 205, 212, 216, 218, 227,
 312, 315, 317, 318, 324, 340
 Schwarz 172
 Seelig 172
 Semenovskaja 56
 Semulak 236
 Servantie 36, 45, 152, 317,
 324, 340
 Seth 74, 185
 Shack 312, 315
 Shalmon 309, 332, 340
 Shapiro 14
 Shephard 315
 Sheppard 312, 315
 Sher 159
 Shilyacv 185
 Shimkovich 185
 Shove V, XI, 1, 317, 325, 340
 Siekierzyński 51, 67, 74, 195,
 273, 340, 343
 Signatullna 288
 Silver 201
 Silverman V, XI, 340
 Simanouchi 171
 Simpson 51
 Sisko 128, 321
 Skaggs 236
 Skou 177
 Slack 315
 Slayton 236
 Slepčka 288
 Slivová 288
 Šljafer 118
 Smirnov 114
 Smirnova 267
 Smith 172, 201, 237, 340
 Soejima 236
 Sokolov 267
 Sokolova 58
 Sokovskaja
 Solomon 13
 Sorokin 34
 South 315
 Spalding 74
 Spodak 13
 Stephens 51, 150
 Stodolník-Barańska 51, 73,
 177, 189, 195, 325, 340
 Stolarska 67, 74
 Stolubin 66
 Stonebridge 216
 Stout 150
 Strom 14
 Stýblova 288
 Štemler 35
 Štverák 141, 322, 341,
 Subbota 7, 14, 34, 118, 242
 Sudakov 34, 118
 Suess V, XI, 341
 Suggett 315
 Summers 201
 Susskind 309, 332, 341
 Sverdlina 57
 Svetlova 242
 Sviderskaja 66
 Syngaevskaja 35, 118, 242
 Szmagielski 73, 152, 173, 195,
 251, 344
 Tanner 145, 150, 151
 Tahaka 172
 Tait 315
 Takashima 158, 315
 Taylor 216
 Tengroth 261, 302, 305, 330,
 341
 Thauer 3, 14
 Thomson 14, 66, 74, 88
 Tiukov 66
 Tjagin 7, 14, 35, 267
 Tolgskaja 14, 25, 35, 51, 57,
 118, 151
 Tomami 74
 Toman 127
 Townes 172
 Trindle 171, 172

- Troshin 177
Tseytin 236
Tuha 150, 227, 242

Ueyama 75, 86, 88
Umehara 75, 87, 88
Uspenskaja 207

Van Ummersen 13, 21, 181,
 184, 185, 305
Vaughan 159, 171
Villa 150, 151
Villforth XI, XIII, 341
Volfovskaja 56
Volkova 56, 57
Von Berger 127
Von der Linde 171
Von Euler 8, 14
Von Niessen 171
Voroncov 57
- Voss 109, 196, 201, 321, 325,
 341
Wacker 226, 227, 236, 259
Wada 171, 172
Wahlstrom 150
Wakim 184
Waldeckog V, XI, 341
Warby 201
Watson 172
Webb 172
Wetzler 271
Whittaker 177
Whittingham 196, 201
Williams 10, 14, 185, 227,
 239, 247
Wolstenholme 201
Woods 218, 227, 231, 236,
 238, 239
Wu 254, 257, 258, 259
Weyth 133
- Yagi 67, 75, 88, 318, 341
Yao 191, 195
Yoshioka 171
Yule 280
Yura 14

Zak 118
Zaret 13, 184, 185, 294, 305,
 330, 341
Zapletalova 288
Zenina 25, 118
Zimmer 150
Ziskind 127
Zubkova-Mihailova 34, 51
Zubrik 288
Zuzenko 242
Žuravlev 66, 242
Žysno 14
Žydecki 274, 280, 306, 330,
 342

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

SUBJECT INDEX

- Absorberd, energy 137, 311
— power 204, 205, 210, 211,
327
— patterns 209
Acetylcholine 27, 46, 49, 55
Acid phosphatase 176, 177
Adaptation 9, 10, 65
Adrenaline 46, 49
Adrenals 292
Alkaline phosphatase 85, 176,
177
Arousal 131, 132, 321
Ascorbic acid 181, 292
Asthenia 52
Asthenic symptoms 264
Audiogenic epilepsy 141, 143
Autonomic nervous system 11,
269
Average dose 99
- Behavior 109, 129, 323
Behavioral changes 115
— effects 132, 321
— reactions 25
Biological membranes 156
Blood proteins 284
Bone marrow 71, 79, 83, 85,
87
Bound water 310, 314, 332
Calibrating field 230
Calibration methods 228
Cardiovascular system 3, 8,
26, 262, 263, 265
Catalase 27, 29
Cataractogenesis 10, 211, 297, 325
Cell membrane 29, 32, 174,
176, 313
Central nervous system 3, 52,
55, 61, 109, 205, 215, 290,
321, 323
Chlorpromazine 120, 126
Cholesterol 52, 265, 270, 331
Cholinesterase 26, 29, 64, 117,
281, 291, 292
Chromosomes 190, 326
- Chromosome aberrations 195,
264
Circadian rhythm 71, 73, 139,
273
Colonic temperature 2, 4, 8,
134, 135, 322
Combined action 58, 66
Compensation 9
Complex dielectric constant
243
Conditioned reflex 110, 112,
114, 117, 290, 323
Conductivity 149, 154
Core temperature 2
Corticosterone 47
Cortisone 75, 86
Counter — ion relaxation 153
Cumulative effect 10, 320,
325, 334
- Decamethonium 40, 42, 43
Delayed effects 320, 334
Dielectric, behavior 152
— constant 154, 156, 248, 311,
313
— parameters 247
— saturation 155, 163, 164
Dipole moment 160, 162
 α -dispersion 153, 156
 β -dispersion 152, 153, 310
 γ -dispersion 152, 153, 310
 δ -dispersion 154, 310
Distributed dose rate 99
- EEG, and EMG patterns in
domestic fowl 145
— pattern 120, 126, 129, 270,
274
- Effects on plants 145
Electric, field strength 217
— properties of biologic sys-
tems 158
- relaxation mechanism 153
Electrical properties of tissues
152
- Electrophoretic relaxation 153
- Endocrine system 293
Epinephrine 265
Escape, behavior 145
— reactions 145
Evoked, colonic temperature
322
— potentials 119
— thermocolonic response
134
Exposure rate 99
- Fetal anomalies 101, 106
Force effects 205
Free-space standard field 228
Functional disorders 54, 278
- Gallamine 41
Glucocorticoid metabolism
265
Gonadotropins 49, 50
Growth hormone 49
Guided wave methods 232
- Hallucinogenic drugs 131
Heat receptors 3
Heating, 2, 5
— effect 147, 271
Hematopoietic system 67
Hot spots 213
Hydrocortisone 75, 86
Hyperbetaipoproteinemia 311
Hyperthermia 6
Hypophysis 48
Hypothalamus 2, 3, 8, 26, 33,
51, 266, 321
Hypothermia 15
- Immunobiological functions
64
- Immunocompetent cells 72
Incident, field patterns 257
— power 205
Industrial environment 54
Integral, dose, 99
— — rate 99
— thermal effect 24
Intermittent exposure 23

WHO - BIOLOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974

- 17-Ketosteroids 291, 292, 331 Norepinephrine 265
 Internal reflections 209
 Isotropic field sensor 218, 220, Optical chronaxy 53
 224
- Lens, changes 307
 — opacities 11, 180, 181, 302, Pearl chain formation 156,
 303, 304, 307 158, 205, 324
 — translucency 274, 279, 306, Pentetrazole 37, 44, 119, 120,
 330 126
- Lethal, doses 24
 — power level 188
 Liver 91, 94, 97, 293
 Lymphoblastoid transformation 73, 195
 Lymphopoiesis 67
 Lysozyme 174, 176, 177
- Magnetic field strength 217
 Microthermal effects 319
 Microwave, absorption 161,
 162, 170
 — cataract 184, 294, 295, 330
 — heating 197
 — intensities 318
 — intensity ranges 334
 — sickness 264, 266
 — tolerance 9
- Microwaves and heat 63
 Migratory birds 149
 Mitotic abnormalities 189
 Molecular mechanisms 160
 Mortality 37, 40
 Motor — food reflexes 111
 Mutagenic effects 195
- Natural background 167
 Nervous system 25, 56, 109,
 262, 263, 268, 271, 317,
 321, 331
- Neurasthenic syndrome 272
 Neurologic, examination 274
 — findings 268
- Neurosecretion 33
 Nonthermal effects 11, 15, 23,
 32, 157, 149, 152, 205, 271,
 272, 319
- Rancuronium 40, 41
 Peripheral temperature 2
 Permanent dipole rotation 153
 Permittivity 310
 Phantom model 212, 213
 Phenacetin 321
 Phenobarbitone 119, 120, 126
 Pituitary, adrenocortical axis
 48
 — gonadal axis 48
 — thyroid axis 46
 Power absorption 209
 Public hygiene 289
- Quasilattice vibration 161, 162
 Rectal temperature 2, 5, 8, 9
 Region of, nonthermal effects
 318
 — subtle effects or intermediate region 318
 — thermal effects 318
 Relaxation, mechanism 154
 — regions 152
 — time 161, 163
 Repeated exposures 1
 Reproductive function 28
 Resonance, 156
 — absorption 310, 314
 — methods 312
 Retinal lesions 302, 303, 305,
 331
- Salivary — nutritive reflexes 116
 Selective heating 2
 Sodium pentobarbital 138
- Specific thermal effects 11
 Spherical model 206
 Spleen 91, 93, 97, 293
 Standard, gain horns 229
 — probe method 235
 Standing wave methods 312
 Survival time 7
 Suxamethonium 40, 42
- Temperature, analyser 54
 — gradient 2
 — regulation 2, 4
 TEM transmission cell 232,
 233
- Teratogenesis 106
 Testes 59, 293
 Thalamus 215
 Thermal, considerations 203
 — effect 2, 6, 9, 23, 204, 205,
 272, 319, 331
 — gradients 2, 3, 8
 — microeffects 23
 — non-heating effects 147
 Thermograph technique 212
 Thermoregulation 2, 3, 8, 10
 Thermoregulatory system 54
 Threshold, 6, 106, 184, 188,
 317, 321, 324
 — field strength 158
 Thymus 92, 95, 97
 Thyroid, 263, 293, 299
 — stimulating hormone 46
 Toxiferin 44
 Transfer standard 235
 Transplantation 199
 Traveling wave methods 312
 Tubocurarine 43
- Wound healing 145
- Vegetative dysfunction 52
- X-rays 58, 63, 238, 318, 330

*biologic effects and health hazards
of microwave radiation*

**WN
610
BIO**

WHO - BILOGIC EFFECTS & HEALTH HAZARDS OF MICROWAVE RADIATION
1974