



THE HEBREW UNIVERSITY OF JERUSALEM
ISRAEL INSTITUTE FOR ADVANCED STUDIES

WIRELESS RADIATION AND HEALTH

Expert Forum on Environmental Health Research and Policy
Priorities

January 24-26, 2017

All lectures will take place at the Israel Institute for Advanced Studies,
on the Edmond J. Safra, Givat Ram Campus, room 130

Organizers:

Devra Davis (Visiting Professor of Medicine, Hebrew University and President
Environmental Health Trust)

Charles Greenblatt (The Hebrew University of Jerusalem)

Program

Tuesday, 24 January

- 09:00 - 09:30 Self-Introduction (1 minutes each)
- 09:30 - 12:00 *Morning Plenary: Cancer Risk, Basic Science and Medical Applications*

Linda Birnbaum (National Institute of Environmental Health Sciences)
Technical Update on NTP Positive Bioassay of RFR/MW, Plans for Release of Full Report, U.S. and Other National Policy Response

Fiorella Belpoggi (Ramazzini Institute)
Update on the Ramazzini Institute Bioassays Regarding ELF and RFR/MW

Frank Lieberman (University of Pittsburgh)
Tumor Treating Fields: Preclinical Science and Clinical Trials

Devra Davis (Visiting Professor of Medicine, Hebrew University and President Environmental Health Trust)
Experimental Research on Neurological, Developmental and Reproductive Endpoints tied with RF

Discussant: **Ron Melnick** (National Institutes of Health, U.S.A.)

- 12:00 - 12:30 Charge to Workgroups, Richard Laster and Devra Davis

- 12:30 - 14:00 **Lunch**
Working Groups during lunch at the Belgium House

- 14:00 - 15:00 **Working Groups Continues**
at assigned rooms
- 15:00 - 18:20 Afternoon Plenary Session Basic Science
Innovations
Chair: **Benjamin Klein** (The Hebrew University of
Jerusalem),
Dariusz Leszczynski (University of Helsinki)
Esra Neufeld (Swiss National Foundation for
Research on Information Technologies in Society
(IT'IS))
Research Evaluations of Wireless Exposure for the
EU
Yuri Feldman (The Hebrew University of
Jerusalem),
Paul Ben-Ishai (The Hebrew University of
Jerusalem)
Potential Risks to Human Health Originating from
Future Sub-MM Communication Systems
Rony Seger (Weizmann Institute of Science)
MAPK/ERK Activation as a Readout for Cellular
Response to Non-ionizing Radiation
Hagai Levine (Hadassah Medical Center)
Environmental Impact on Semen Quality, What is
the Role of non-ionizing Radiation?
Siegal Saditzky (The Gertner Institute)
Update from the Israeli National Information
Center for Non-Ionizing Radiation Center
Discussants: **Fiorella Belpoggi** (Ramazzini
Institute)
Linda Birnbaum (National Institute of
Environmental Health Sciences)
- 18:20 - 19:00 Working Groups Continue their Deliberations

Wednesday, 25 January

- 09:00 - 10:30 Morning Plenary - Epidemiology and Case Reports
on Cancer and Other Endpoints Since the IARC
Monograph
Chair: **Anthony B Miller** (International Agency for
Research on Cancer),
Hagai Levine (Hadassah Medical Center)
- Anthony B Miller** (International Agency for
Research on Cancer)
Epidemiology of Cell Phones and Other Wireless
Transmitting Devices - An Update
- Elihu Richter**
Methodological challenges of Case Series and
Updates of Occupational Exposures to Wireless
Radiation
- Iris Udasin** (EOHSI Clinical Center, Rutgers)
Making the Leap from a Clinical Case Series to
Evidence-Based Medicine to Reduce Health
Impacts of RF
- Discussants: **Dariusz Leszczynski** (University of
Helsinki)
Lloyd Morgan
- 10:30 - 11:00 Coffee Break
- 11:00 - 12:30 Working Groups (at assigned rooms)
- 12:30 - 14:00 **Lunch**
Working Groups during lunch at the Belgium
House

- 14:00 - 15:30 Afternoon Plenary Evaluating and Modeling Exposures and Impacts of Wireless Radiation on Pediatric Health: average versus peak exposure modeling
 Chair: **Alon Leeor** (RF Test Labs),
Ely Levine (Afeka Academic College of Engineering, Tel Aviv)

Claudio Fernandez (Federal University of Rio Grande Do Sul)
 Simulations of Peak Spatial Exposures to Children and Adults from Multiple Devices
Stella Canna Michaelidou (Child Health Committee of Cyprus)
 Precaution and Prevention: Public Health Tools to Reduce Children's Exposure to Mobile Phone, and Wireless Radiation

 Discussants: **Meg Sears** (Prevent Cancer Now)
Stilian Gelberg (Israel Ministry of Environmental Protection)
Irit Livneh (Ministry of Education)
- 15:30 - 16:00 Coffee Break
- 16:00 - 18:30 **Work Groups meet**

Thursday, 26 January

- 09:00 - 10:30 Morning Plenary Panel: Real World Exposures, Assessment, Impacts and Policy Recommendations
Richard Laster (The Hebrew University of Jerusalem),
Devra Davis (Visiting Professor of Medicine, Hebrew University and President Environmental Health Trust),
Tamar Berman (Israel Ministry of Health)

Reuven Kurman (Haifa Municipality)

“What Can be Done” - Reducing Exposure to
Children in Schools and at City Level

Eitan Kerem (Hadassah Medical Center)

Adverse Effect of Exposure to Media in Children

Yael Stein (The Hebrew University of Jerusalem)

Environmental Indicators and Opportunities for
Evaluating Current Patterns of Use

10:30 - 10:45 Coffee Break

10:45 - 12:30 Morning Plenary Panel - Continuation

Gadi Lissak

Physiological and Psychological Impacts of Digital
Media

Theodora Scarato (Environmental Health Trust)

US and International Policy Developments
/Medical Recommendations on Children

Devra Davis (Visiting Professor of Medicine,
Hebrew University and President Environmental
Health Trust),

Richard Laster (The Hebrew University of
Jerusalem)

What Is to Be Done? Plans for Publication and
Follow-up

12:30 - 14:00 Working Lunch in Working Groups to Finalize
Presentations

14:00 - 17:00 Workgroups Present - 30 Minutes Each
Presentation