



International Workshop: „Omics for Assessing Unclear Risks“

**Berlin '08
26 – 28 May**

About the Workshop Objectives and Scope:

The aim of the workshop is to explore the potential of omics and cytogenetic technologies for cancer risk assessment, especially with respect to radio-frequency electromagnetic fields (RF-EMF) exposure. The risk of exposure to RF-EMF is unclear because reproducible hazards are not known. It will be discussed how insufficient knowledge of possible hazards can be used in risk assessment, a pressing question in modern societies.

This workshop brings together international experts with different scientific backgrounds from omics and genotoxicity research, as well as from the field of RF EMF animal and epidemiological research. We expect that this will stimulate an open discussion about the pros and cons of omics for assessing unclear risks. The workshop is open to all interested parties and stakeholders and we do hope that you will attend.

The Organizing Committee

Gerd Friedrich – Forschungsgemeinschaft Funk e.V.

Peter Nürnberg – Cologne Center for Genomics

Günter Obe, Teltow

Peter Wiedemann - Jülich Research Centre

Key Topics:

1. Setting the scenery: Assessing unclear risks
 - Models of cancer development
 - RF EMF cancer risk assessment: What do we know, what do we need to know?
 - The framework for assessing RF EMF cancer risks
2. From present to the future: The contribution of genotoxic research to risk assessment
 - Validity and reliability of genotoxic studies for cancer risk assessment
 - Chromosomal aberration analysis
 - Risk assessment based on genetic data
3. Visions of toxicity testing and risk assessment in the 21st century
 - Current and future prospects of omics for cancer risk assessment
 - Validity and reliability of current omics studies for cancer risk assessment
 - Future developments in omics technologies for cancer risk assessment
4. Omics contributions to critical issues in cancer risk assessment
 - For hazard screening, extrapolation and susceptibility
5. Omics for dealing with unclear risks
 - The RF-EMF case
 - Implications for Policy Making – Omics and the precautionary principle

Speakers

Günter Obe, Teltow; Germany
Peter Nürnberg, Cologne Center for Genomics;
Germany
Vijayalaxmi, University of Texas, San Antonio,
USA
Emilie van Deventer, World Health Organization;
Switzerland
Gabriele Berg-Beckhoff, University Bielefeld;
Germany
Jochen Buschmann, Fraunhofer Institute for
Toxicology and Experimental Medicine,
Hannover, Germany
David Lloyd, Health Protection Agency, Chilton,
UK
Marco Durante, GSI, Darmstadt, Germany
Jürgen Kiefer, Gießen; Germany
Ludger Klein-Hitpass, University Duisburg-
Essen, Germany
Ulrich Wacker, Consulting & Project
Management for Protein Analysis & Proteomics;
Berlin, Germany
Chris Portier, National Institute of Environmental
Health Sciences (NIEHS), USA
William Morgan, University of Maryland, USA
Dariusz Leszczynski, STUK, Helsinki, Finland
Helmut Franke, University Münster, Germany
Gary Marchant, University of Arizona; USA

Workshop Organizing Office

Forschungsgemeinschaft Funk e.V.
(The Research Association for Radio
Applications)
Rathausgasse 11a
D-53111 Bonn
www.fgf.de

Lutz Haberland
phone 0049-30-422-9268
fax 0049-228-726 22 11
email haberland@fgf.de

Deadline for Registration

For Registration: Monday, April 21st, 2008
For Hotel Reservation: Monday, April 7th, 2008

Registration Fee and Payment

250 €; for students (attestation required) 100 €
The payment of the registration fee should be
made via bank transfer to the organizers bank
account, indicating your name and the code
word "Omics-Workshop":

Deutsche Bank Bonn
Bank Code: 380 700 59
Account Number: 317777100
BIC: DEUT DE DK380
IBAN: DE98 380700590317777100

Workshop Venue

dbb Forum
Friedrichstraße 169/170
Atrium IV & V
D-10117 Berlin, Germany

Accommodation

The organizers have reserved a sufficient
number of hotel rooms in two hotels located
near the workshop venue from May 25-28.
Please indicate in your registration **until April**
7th whether you want to use this offer. Room
rates per night are 117 €, and 105 €,
respectively. Please be aware that there are
some trade fares in Berlin in this period of time.

Workshop Website

Further and updated information will be
available on the Internet at [www.imba-
research.eu/imba-workshop](http://www.imba-research.eu/imba-workshop).

Information about hotel reservation, public
transportation and sightseeing in Berlin are
available online at <http://www.berlin.de/english/>.

Hosted by

- The IMBA project-team www.imba-research.eu

FZJ: INB-MUT
MDC: Bioethics and Science Communication
- The Research Association for Radio
Applications