Program
### Sunday, April 17, 2016

<table>
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<tr>
<th>5:00 pm – 7:00 pm</th>
<th>Registration</th>
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<tr>
<td>6:00 pm – 9:00 pm</td>
<td>Welcome reception with scientific presentation</td>
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|                   | Alexander Nies  
Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany  
Welcome address |
|                   | Per Magnus  
Norwegian Institute of Public Health  
The impact of the environment on health |

### Monday, April 18, 2016

<table>
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<tr>
<th>8:30 am</th>
<th>Registration</th>
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<tr>
<td>9:30 am – 10:10 am</td>
<td>Opening session</td>
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|                   | Barbara Hendricks  
Minister for the Environment, Nature Conservation, Building and Nuclear Safety, Germany  
Human Biomonitoring – Why do we care? |
|                   | Maria Krautzberger  
President of the German Environment Agency  
Human Biomonitoring across Europe – The way forward |
| 10:10 am – 10:40 am | Coffee break and poster viewing |
| 10:40 am – 11:40 am | Panel discussion 1  
Human Biomonitoring – a cornerstone of good political decisions |
|                   | Moderator:  
Andreas Gies, German Environment Agency/UBA |
|                   | Hermann Fromme, German Human Biomonitoring Commission and Bavarian State Office for Health and Food Safety |
|                   | Arnd Hoewerle, European Commission, DG Research & Innovation |
|                   | Sascha Gabizon, Women in Europe for a Common Future/WECF |
|                   | Elizabet Paunovic, WHO European Centre for Environment and Health |
|                   | Edgar Leibold, BASF, Germany |
|                   | Karl-Heinz Jöckel, Institute of Medical Informatics, Biometry and Epidemiology, Essen University Hospital, Germany |

German/English interpretation
Monday, April 18, 2016

11:40 am – 1:00 pm Lunch and poster viewing

1:00 pm – 3:30 pm

Session 1
HBM programs – new developments

Chairs:
Robert Barouki, Inserm-University Paris Descartes, France
Ovnair Sepai, Public Health England, United Kingdom
Antonia Calafat
US Centers for Disease Control and Prevention, United States
Biomonitoring in NHANES – recent advances and future directions

Douglas Haines
Health Canada
Health Canada’s human biomonitoring initiatives – progress and uses

Clémence Fillol
French Institute for Public Health Surveillance, Environmental Health Department
Prioritization of the biomarkers to be analyzed in the French biomonitoring program

Break and discussion: 15 minutes

Marike Kolossa-Gehring
German Environment Agency/UBA
The German Environmental Survey and the Environmental Specimen Bank – HBM for policy decisions

Tamar Berman
Public Health Services, Ministry of Health, Israel
Human biomonitoring in Israel – recent results and developments

Suejin Kim
National Institute of Environmental Research, Korea
Introduction of Korean National Environmental Health Survey (KoNEHS)

3:30 pm – 4:00 pm Coffee break and poster viewing

4:00 pm – 5:50 pm

Session 2
HBM in large scale birth cohorts

Chairs:
Birgit Wolz, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany
Michael Wilhelm, Ruhr University Bochum, Germany
Ruth Etzel
Environmental Protection Agency, United States
Pediatric environmental health – the role of biomonitoring in birth cohorts
1:00 pm – 3:30 pm

Shoji F. Nakayama
National Institute for Environmental Studies, Japan
Japan’s Environment and Children Study – lessons learned from incorporating HBM in a large-scale birth cohort study

William D. Fraser
University of Sherbrooke, Research Center of Sherbrooke
University Hospital/CHUS, Canada
Maternal-Infant Research on Environmental Chemicals (MIREC) – a Canadian biomonitoring birth cohort research platform

Jun Jim Zhang
Shanghai jiao Tong University, China
The Shanghai Birth Cohort – current status and results

Sébastien Denys
The National Public Health Agency/ANSP, France
HBM in the ELFE birth cohort – results to date

Tuesday, April 19, 2016

9:00 am – 10:30 am

Session 3
Broadening the HBM toolbox

Chairs:
Michael Bader, BASF, Germany
Jana Klánová, Masaryk University, Czech Republic
Gabriele Leng
Currenta GmbH, Germany
New specific and sensitive biomonitoring methods for chemicals of emerging health relevance

Holger Koch
Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Institute of the Ruhr-University Bochum/IPA
The quest for biomarkers of exposure to non-persistent chemicals

Andy Nong
Health Canada
Pharmacokinetic modeling of health and exposure measures to support health risk interpretations

Paolo Vineis
Faculty of Medicine, School of Public Health, Imperial College London, United Kingdom
The role of the “omics-techniques” in HBM, current and future applications

10:30 am – 11:00 am
Coffee break and poster viewing
Tuesday, April 19, 2016

11:00 am – 12:15 am  Session 4
HBM in health risk assessment

Chairs:
Lisbeth E. Knudsen, University of Copenhagen, Denmark
Douglas Haines, Health Canada

Martin Kraft
HBM values derived by the German HBM Commission and their practical use

Kembra Howdeshell
National Institute of Environmental Health Sciences/NIEHS, United States
Mixed exposure evaluation of pesticides and toxic substances, cumulative risk assessment

Angelika Zidek
Health Canada
HBM data used in regulatory risk assessment under Canada’s chemicals management program

12:15 am – 1:30 pm  Lunch and poster viewing

1:30 pm – 3:30 pm  Session 5
Harmonizing HBM approaches and data – progress in the international and European landscape

Chairs:
Argelia Castaño, National Center for Environmental Health, Institute of Health Carlos III, Spain
Marika Berglund, Karolinska Institutet, Institute of Environmental Medicine, Sweden

Greet Schoeters
Flemish Institute for Technological Research/VITO, Belgium
Results of the first Europe-wide HBM study

Anke Joas
Consultancy for integrated solutions/BiPRO, Germany
Lessons learned from the COPHES/DEMOCOPHES process

Leonardo Trasande
NYU School of Medicine, United States
Harmonizing approaches to burden of disease estimation due to environmental chemicals: endocrine disruptors as a case study
Megan Latshaw  
Association of Public Health Laboratories/APHL, United States  
Harmonizing HBM approaches across the United States

Sofie Nørager  
European Commission, DG Research & Innovation  
The European Commission’s view on the EHBMI

3:30 pm – 4:15 pm  
Coffee break and poster viewing

4:15 pm – 5:30 pm  
Panel discussion 2  
Human Biomonitoring – the tasks ahead

Moderator:  
Lilian Busse, German Environment Agency/UBA

Peter van den Hazel, Public Health Services Gelderland-Midden, Netherlands

Gerd Romanowski, German Chemical Industry Association/VCI

Gertrud Sahler, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany

Catherine Ganzleben, European Environment Agency/EEA

Carolyn Vickers, World Health Organization/WHO

5:30 pm  
Summary and conclusion of the conference

Jochen Flasbarth, State Secretary, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety, Germany

German/English interpretation