

## **ANNEX 1. ALPHABETICAL LIST OF CONFERENCE SPEAKERS AND MODERATORS**

- Berglund, Marika - Karolinska Institute, Sweden
- Bloemen, Louis, Environmental Health Sciences, Belgium
- Canna-Michaelidou, Stella - State General Laboratory, Ministry of Health, Cyprus
- Castaño, Argelia - CNSA, Institute of Health Carlos III, Spain
- Casteleyn, Ludwne - Center for Human Genetics, University of Leuven, Belgium
- Cerna, Milena - National Institute of Public Health, Czech Republic
- Chevrier, Cécile - Inserm U625, Rennes, France
- Chovanova, Hana - Flemish Agency for Care and Health, Belgium
- Cordier, Sylvaine, Inserm U625, Rennes, France
- Dellarco, Michael National Institute of Child Health and Human Development, USA
- Den Hond, Elly - Flemish Institute for Technological Research (VITO), Belgium
- Dumez, Birgit - Centre for Human Genetics, University of Leuven, Belgium
- E. Knudsen, Lisbeth,- Institute of Public Health, University of Copenhagen, Denmark
- Fréry, Nadine - French Institute for Public Health Surveillance (InVS), France
- Garavan, Carrie - Environmental Protection Agency, Ireland
- Garnier, Robert - Paris Poison Centre, France
- Ghinea, Loredana European Chemical Industry Council (Cefic)
- Gies, Andreas -Federal Environment Agency (UBA), Germany
- Guillou, Claude - Joint Research Centre (European Commission)
- Haines, Douglas - Chemicals Management Directorate, Health Canada, Canada
- Heiss, Christiane - Federal Environment Agency (UBA), Germany
- Heudorf, Ursel Public Health Department of the City of Frankfurt, Germany
- Hornberg, Claudia - School of Public Health, University Bielefeld, Germany
- Horvat, Milena - Institute Jožef Stefan, Slovenia
- Jantunen, Matti - National Public Health Institute (KTL), Department of Environmental Health, Finland
- Joas, Reinhard - BiPRO GmbH, Germany

- Karjalainen, Tuomo - European Commission (DG Research)
- Kass Daniel, New York City Department of Health, USA
- Kiviranta, Hannu -National Public Health Institute (KTL), Department of Environmental Health, Finland
- Kolossa-Gehring, Marike - Federal Environment Agency (UBA), Germany
- Kononenko, Lijana - National Chemicals Bureau, Ministry of Health, Slovenia
- Koschorreck, Jan Federal Environment Agency (UBA), Germany
- L. Needham, Larry - Centres for Disease Control, USA
- M. Koch, Holger - Research Institute of Occupational Medicine (BGFA), Germany
- Montserrat Moliner, Antoni - European Commission (DG Sanco)
- Olea Serrano, Nicolás - Granada University, Spain
- Park, Seongsoo - World Health Organization
- Patton, Sharyle - Commonwealth, USA
- Pillière, Florence - INRS, France
- Piot, Pierre – Federal Public Service Health, Food Chain Safety and Environment, Belgium
- Sepai, Ovnair - Health Protection Agency, United Kingdom
- Smolders, Roel Flemish Institute for Technological Research (VITO), Belgium
- Sram, Radim - Institute of Experimental Medicine, Czech Republic
- Teughels Caroline, Department of Environment, Nature and Energy, Flemish Government, Belgium
- Van Tongelen, Birgit - European Commission (DG Environment)
- van Vliet, Lisette - Health and Environment Alliance (HEAL)
- Vartiainen, Terttu - National Public Health Institute (KTL), Department of Environmental Health, Finland
- Wilhelm Michael - Ruhr-University Bochum, Germany
- Y. Bois, Frédéric - INERIS, France

## **ANNEX 2. ALPHABETICAL LIST OF CONFERENCE COMMITTEE MEMBERS**

- Muriel Andrieu-Semmel, Ministry of Health, Youth, Sport and the Voluntary Sector, France
- Marika Berglund, Karolinska Institute, Sweden
- Yvette Bonvalot, Healthy Environments and Consumer Safety Branch, Health Canada, Canada
- Argelia Castaño, CNSA, Institute of Health Carlos III, Spain
- Ludwine Casteleyn, Center for Human Genetics, University of Leuven, Belgium
- Milena Cerna, National Institute of Public Health, Czech Republic
- Mike Dellarco, National Institute of Child Health and Human Development, USA
- Daniel Eilstein, French Institute for Public Health Surveillance (InVS), France
- Nadine Fréry, French Institute for Public Health Surveillance (InVS), France
- Milena Horvat, Department of Environmental Sciences, Slovenia
- Marike Kolossa-Gehring, Federal Environment Agency, Germany
- Roel Smolders, Flemish Institute for Technological Research, Belgium
- Ovnair Sepai, Health Protection Agency, United Kingdom
- Birgit van Tongelen, DG Environment, European Commission
- Anne-Catherine Viso, French Institute for Public Health Surveillance (InVS), France

### **Acknowledgments**

- Jocelyne Boudot, Ministry of Health, Youth, Sport and the Voluntary Sector, France
- Vincent Delporte, Ministry of Ecology, Energy, Sustainable Development and Town and Country Planning, France
- Yvan Denion, Ministry of Labour, Labour Relations, the Family and Solidarity, France
- Patricia Maladry, Ministry of Labour, Labour Relations, the Family and Solidarity, France
- Caroline Paul, Ministry of Health, Youth, Sport and the Voluntary Sector, France
- Catherine Grillot-Courvalin, Ministry of Higher Education and Research, France

## ANNEX 3. CONFERENCE AGENDA

Programme

# European Conference on Human Biomonitoring

November 4<sup>th</sup> - 5<sup>th</sup>, 2008

Salle Pierre Laroque  
Ministry of Health, Youth, Sport and the Voluntary Sector



**8:15** REGISTRATION

**9:00** OPENING OF THE CONFERENCE

**Dr. Françoise Weber, Executive director, French Institute for Public Health Surveillance (InVS), France**

**9:05** WELCOME ADDRESS FROM THE MINISTER OF HEALTH, YOUTH, SPORT AND THE VOLUNTARY SECTOR

**Mrs. Roselyne Bachelot-Narquin**

## SESSION 1 CONCEPTS, HISTORY AND GENERAL USE

(Moderator: Dr. Ovnaïr Sepai, Health Protection Agency, UK)

**9:20** Introduction to human biomonitoring and biomarkers

Dr. Ludwine Casteleyn, Center for Human Genetics, University of Leuven, Belgium

**9:35** Human biomonitoring in the framework of the European Environment and Health Action Plan

Dr. Birgit Van Tongelen, European Commission (DG Environment)

**9:50** Human biomonitoring in occupational health: lessons for environmental health

Dr. Robert Garnier, Paris Poison Centre, France; Dr. Florence Pillière, INRS, France

**10:05** Human biomonitoring and reference values, German HBM Commission: mandate and achievements

Prof. Dr. Michael Wilhelm, Ruhr-University Bochum, Germany

**10:20** QUESTION PERIOD

## SESSION 2 HUMAN BIOMONITORING IN ENVIRONMENTAL HEALTH POLICY

(Moderator: Dr. Marike Kolossa-Gehring, Federal Environment Agency, Germany)

**10:35** Human biomonitoring in Spain

Dr. Argelia Castaño, CNSA, Institute of Health Carlos III, Spain

**10:50** Human Biomonitoring in the United Kingdom

Dr. Ovnaïr Sepai, Health Protection Agency, United Kingdom

**11:05** COFFEE BREAK

**11:20** The French dioxin and incinerators study

Dr. Nadine Fréry, French Institute for Public Health Surveillance (InVS), France

**11:35** Human biomonitoring in the Czech Republic

Dr. Milena Cerna, National Institute of Public Health, Czech Republic

**11:50 A case study of the health impacts in an abandoned lead mining area using children's blood lead levels**

Dr. Carrie Garavan, Environmental Protection Agency, Ireland

**12:05 Human Biomonitoring in Cyprus: Cotinine in children - the impact of smoking**

Dr. Stella Canna-Michaelidou, State General Laboratory, Ministry of Health, Cyprus

**12:20 Biomonitoring in Flanders: assessing exposure in the general population and in hot spot areas**

Dr. Elly Den Hond, Flemish Institute for Technological Research (VITO), Belgium

**12:35 The Swedish national health related environmental monitoring programme**

Dr. Marika Berglund, Karolinska Institute, Sweden

**12:50 The German Environmental Survey (GerES)**

Dr. Marika Kolossa-Gehring, Federal Environment Agency (UBA), Germany

**13:05 LUNCH****14:00 DISCUSSION, QUESTION PERIOD AND HIGHLIGHTS OF MEMBER STATES****SESSION 3 ADDED VALUE OF HUMAN BIOMONITORING  
IN ENVIRONMENTAL HEALTH**(Moderator: Dr. Louis Bloemen, Environmental Health Sciences  
International, Belgium)**14:30 Use of biomarkers as exposure measures in the National Children's Study**Dr. Michael Dellarco, National Institute of Child Health and Human Development,  
USA**14:45 Human biomonitoring as a tool to explore exposure pathways**PD Dr. med. Ursel Heudorf, Public Health Department of the City of Frankfurt,  
Germany**15:00 Chances and limitations of integrating data from human and environmental  
monitoring at national level**

Mr. Jan Koschorreck, Federal Environment Agency (UBA), Germany

**15:15 Chances and limitations of integrating data from human and environmental  
monitoring at EU level**

Dr. Roel Smolders, Flemish Institute for Technological Research (VITO), Belgium

**15:35 From science to policy: translation of human biomonitoring results into policy measures in Flanders**

Dr. Caroline Teughels, Department of Environment, Nature and Energy, Flemish Government, Belgium

**15:50 Human environmental biomonitoring as a policy lever: a case study of mercury and pesticide exposures in New York City**

Mr. Daniel Kass, New York City Department of Health, USA

**16:05 COFFEE BREAK**

**16:20 The added value of HBM for human health protection: from science to industry action**

Ms. Loredana Ghinea, European Chemical Industry Council (Cefic)

**16:35 Using biomonitoring to raise awareness for policy change – public interest campaigns**

Dr. Lisette van Vliet, Health and Environment Alliance (HEAL)

**16:50 Communication and Ethics in human biomonitoring**

Dr. Birgit Dumez, Centre for Human Genetics, University of Leuven, Belgium

**17:05 Environmental justice and interpretation of human biomonitoring results**

Prof. Dr. Claudia Hornberg, School of Public Health, University Bielefeld, Germany

**17:20 DISCUSSION AND QUESTION PERIOD**



# NOVEMBER 5<sup>TH</sup>, 2008

## SESSION 4 CONTRIBUTION OF RESEARCH TO HUMAN BIOMONITORING

(Moderator: Dr. Sylvaine Cordier, Inserm U625, Rennes, France)

### 8:30 REGISTRATION

### 9:00 Overview of EU research projects related to human biomonitoring

Dr. Tuomo Karjalainen, European Commission (DG Research)

### 9:15 Pesticide exposure of pregnant women in Brittany: the Pelagie cohort study

Dr. Cécile Chevrier, Inserm U625, Rennes, France

### 9:30 European mother child cohort studies

Prof. Lisbeth E. Knudsen, PhD, Institute of Public Health, University of Copenhagen, Denmark

### 9:45 Impact of air pollution on biomarkers of genetic damage

Dr. Radim Sram, Institute of Experimental Medicine, Czech Republic

### 10:00 Analytical validation of biomarkers: laboratory issues

Dr. Holger M. Koch, Research Institute of Occupational Medicine (BGFA), Germany

### 10:15 Biomarkers of estrogenic/androgenic activity in connection to breast cancer: an experience from Andalucía

Dr. Nicolás Olea Serrano, Granada University, Spain

### 10:30 Use of biomonitoring data to improve advanced risk assessment models

Dr. Frédéric Y. Bois, INERIS, France

### 10:45 COFFEE BREAK

### 11:00 DISCUSSION AND QUESTION PERIOD

## SESSION 5 SUSTAINABLE ORGANISATION OF HUMAN BIOMONITORING

(Moderator: Ir. Pierre Biot, Federal Public Service Health, Food Chain Safety and Environment, Belgium)

### 11:30 Framework for a European Pilot Study

Dr. Reinhard Joas, BiPRO GmbH, Germany

### 11:45 The current activities of JRC in human biomonitoring

Dr. Claude Guillou, Joint Research Centre (European Commission)

### 12:00 The European Health Examination Survey and Human Biomonitoring

Dr. Antoni Montserrat Moliner, European Commission (DG Sanco)

EUROPEAN CONFERENCE ON HUMAN BIOMONITORING



## 12:15 Potential use of biomonitoring for REACH

Ms. Christiane Heiss, Federal Environment Agency (UBA), Germany

## 12:30 Overview on European specimen banking activities: taking the past into the future

Dr. Andreas Gies, Federal Environment Agency (UBA), Germany

## 12:45 Biomonitoring of environmental chemicals in the Canadian Health Measures Survey

Mr. Douglas Haines, Chemicals Management Directorate, Health Canada, Canada

## 13:00 LUNCH

## 14:00 Public health impact of biomonitoring studies in the United States

Dr. Larry L. Needham, Centres for Disease Control, USA

## 14:15 Human biomonitoring in the Slovenian Chemical Act

Dr. Lijana Kononenko, National Chemicals Bureau, Ministry of Health, Slovenia  
Dr. Milena Horvat, Institute Jožef Stefan, Slovenia

## 14:35 The 2003 Flemish Parliament Act on preventive health policy

Dr. Hana Chovanova, Flemish Agency for Care and Health, Belgium

## 14:50 POP Convention and WHO Milk Survey

Dr. Seongsoo Park, World Health Organization

## 15:05 Requirements for a European Human Biomonitoring programme for priority assessment of environmental chemicals

Prof. Matti Jantunen, Prof. Terttu Vartiainen, Dr. Hannu Kiviranta, National Public Health Institute (KTL), Department of Environmental Health, Kuopio, Finland

## 15:20 QUESTION PERIOD

## 15:50 COFFEE BREAK

## 16:05 DEBATE THE USE AND ADDED VALUE OF HUMAN BIOMONITORING IN ENVIRONMENTAL HEALTH POLICY. HOW TO CREATE A PERFORMANT SYSTEM AT EUROPEAN AND NATIONAL LEVEL THAT PRODUCES (COMPARABLE) DATA THAT IS RELEVANT FOR POLICYMAKERS

## 17:30 CLOSING OF THE CONFERENCE

Prof. Didier Houssin, Director General for Health, Ministry of Health, Youth, Sport and the Voluntary Sector, France