European Conference on Human Biomonitoring

November 4th - 5th, 2008

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

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, 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

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¹/ Ministry of Health, Youth, Sport and the Voluntary Sector
²/ Ministry of Labour, Labour Relations, the Family and Solidarity
³/ Ministry of Higher Education and Research
⁴/ Ministry of Ecology, Energy, Sustainable Development and Town and Country Planning
Registration

Opening of the conference
Françoise Weber, Executive director, French Institute for Public Health Surveillance (InVS), France

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. Ovnair 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. Ovnair 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
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

Human Biomonitoring in Cyprus: Cotinine in children - the impact of smoking
Dr. Stella Canna-Michaelidou, State General Laboratory, Ministry of Health, Cyprus

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

The Swedish national health related environmental monitoring programme
Dr. Marika Berglund, Karolinska Institute, Sweden

The German Environmental Survey (GerES)
Dr. Marike Kolossa-Gehring, Federal Environment Agency (UBA), Germany

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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)

Use of biomarkers as exposure measures in the National Children’s Study
Dr. Michael Dellarco, National Institute of Child Health and Human Development, USA

Human biomonitoring as a tool to explore exposure pathways
PD Dr. med. Ursel Heudorf, Public Health Department of the City of Frankfurt, Germany

Chances and limitations of integrating data from human and environmental monitoring at national level
Mr. Jan Koschorreck, Federal Environment Agency (UBA), Germany

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
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)
Potential use of human biomonitoring for Reach
Representative, European Chemical Agency (ECHA)

Overview on European specimen banking activities: taking the past into the future
Dr. Andreas Gies, Federal Environment Agency (UBA), Germany

Biomonitoring of environmental chemicals in the Canadian Health Measures Survey
Mr. Douglas Haines, Chemicals Management Directorate, Health Canada, Canada

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Public health impact of biomonitoring studies in the United States
Dr. Dana Barr, Centres for Disease Control, USA

Human biomonitoring in the Slovenian Chemical Act
Dr. Lijana Kononenko, National Chemicals Bureau, Ministry of Health, Slovenia
Dr. Milena Horvat, Institute Jožef Stefan, Slovenia

The 2003 Flemish Parliament Act on preventive health policy
Dr. Hana Chovanova, Flemish Agency for Care and Health, Belgium

POP Convention and WHO Milk Survey
Dr. Seongsoo Park, World Health Organization

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 Environnemental Health, Kuopio, Finland

Question Period

Coffee Break

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

Closing of the conference
Prof. Didier Houssin, Director General for Health, Ministry of Health, Youth, Sport and the Voluntary Sector, France
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Salle Pierre Laroque
Ministry of Health, Youth, Sport and the Voluntary Sector
14, avenue Duquesne - 75007 Paris

Map of the area

Ground transportation
Charles de Gaulle airport to Ecole Militaire: Roissybus (bus), from Charles de Gaulle airport to Opera station (last stop). From 6.00 to 23.00, every 15 to 20 minutes. Fare: 8,90 € one-way. Trip lasts about 45 to 60 minutes. Get off at Opera and take the line 8 direction Balard. Fare: 1,60 €, trip lasts about 10 minutes. Get off at Ecole Militaire. The remainder of the trip from the Ecole Militaire stop to the venue is on foot.

Orly airport to Cambronne station: Orlybus (bus), from Orly to Denfert Rochereau (last station). Fare: 6,30 € one-way. From 6.00 to 23.30, every 15 to 20 minutes. Trip lasts around 30 minutes. Take the line 6 direction Charles de Gaulle Etoile and get off at Cambronne station. Fare: 1,60 €, trip lasts about 12 minutes. The remainder of the trip from Cambronne station to the venue is on foot.

Ecole Militaire to Charles de Gaulle airport: Take the line 8 at Ecole Militaire direction Créteil. Fare: 1,60 €, trip lasts about 10 minutes. Get off at Opera station and take Roissybus, from 5.45 to 23.00, every 15 to 20 minutes. Fare: 8,90 € one-way. Trip lasts around 45 to 60 minutes.

Cambronne to Orly airport: Take line 6 at Cambronne direction Nation, get off at Denfert Rochereau. Fare: 1,60 €, trip lasts about 12 minutes. Take Orlybus, from 5.35 to 23.05, every 15 to 20 minutes. Fare: 6,30 € one-way. Trip lasts around 30 minutes.

Gare de l’Est to Ecole Militaire: Métro (subway) line 4 in the direction of Porte d’Orléans, get off the train at Strasbourg Saint-Denis, and take métro line 8 direction Balard, get off at Ecole Militaire. Fare: 1,60 €. From 5.00 to midnight, every 2 to 5 minutes. Trip lasts around 30 minutes. The remainder of the trip to the venue is on foot.

Gare du Nord to Ecole Militaire: Métro (subway) line 4 in the direction of Porte d’Orléans, get off the train at Strasbourg Saint-Denis, and take métro line 8 direction Balard, get off at Ecole Militaire. Fare: 1,60 €. From 5.00 to midnight, every 2 to 5 minutes. Trip lasts around 30 minutes. The remainder of the trip to the venue is on foot.

Please find a link to a useful site, where you can find information on public transportation in Paris. You can also download maps of the Métro and the RER at http://www.ratp.info/informer/anglais/#

Metro stations:
Saint François-Xavier (line 13)
Ecole militaire (line 8)
Cambronne (line 6)

RER C stations:
Invalides
Alma-Marceau

Bus stations:
Lines 28, 87, 82, 92