First European Cancer and Environment Research Institute Workshop

ENVIRONMENTAL CARCINOGENESIS : A FOCUS ON EPIGENETICS

October the 26th 2012,
Académie Royale de Médecine de Belgique,
Belgium Royal Academy of Medicine,
Salle Albert I,
Brussels, Belgium

Under the patronage of Michael Skinner (US) and Luc Montagnier (Nobel Prize, France)

PRELIMINARY PROGRAM

8h30 Welcome

9h00-9h30 : Opening address, Janos Frühling, Royal Belgium Academy of Medicine,
What is ECERI, Dominique Belpomme, Paris University, ECERI President.

EPIGENETICS : FROM FUNDAMENTAL RESEARCH TO CARCINOGENESIS

Moderators : Zdenko Herceg, IARC, Lyon (France), Vincent Castronovo, Liège University (Belgium)

9h30-10h00 : Zdenko Herceg Epigenetic mechanisms and evaluation of carcinogens

10h00-10h30 : Dominique Belpomme What is environmental carcinogenesis

10h30- 11h : Lucia Migliore, Pisa University (Italy) Methylation analysis of colorectal cancer genes

11h-11h15 : Break
11h15-11h45 : Vincent Castronovo, GIGA-CANCER(CRCE), University of Liege (Belgium) Epigenetic Regulation as the molecular link between gut microflora and colon cancer

11h45-12h15 : Ernesto Burgio, ECERI, ISDE (Italy) Fetal programming: the epigenetic origin of cancer

12h15-13h : General discussion

13h-14h : Lunch break

EPIGENETICS : FROM CANCER TO OTHER COMPLEX DISEASES

Moderators : François Fuks, Erasme University, Brussels (Belgium), Andrew Pospisilik, Max Planck Institute, Freiburg (Germany)

14h00-14h30 : François Fuks  Epigenetics and Epigenomics in Health and Diseases

14h30-15h : Nick Osborne, University of Exeter Medical School (UK) Low level metal chronic environment exposures and cancer: role of epigenetics

15h00-15h30 : Philippe Irigaray, ECERI Obesity, diabetes and cancer

15h30-16h : Andrew Pospisilik From complex disease genetics to complex disease epigenetics

16h-16h30 : Isabelle Mansuy, Zurich University (Switzerland) Epigenetics and the impact of early traumatic stress on behavior across generations.

16h30-17h15 : General discussion, summary and conclusion

17h15 : Cocktail
INVITED SPEAKERS

**Dominique Belpomme**, Medical Oncologist, Paris University, ECERI President (France), contact.belpomme@gmail.com

**Ernesto Burgio**, International Society of Doctors for the Environment, ECERI (Italy), erburg@libero.it

**Vincent Castronovo**, Laboratoire de Recherche sur le métastases, Université de Liège (Belgium), vcastronovo@ulg.ac.be

**Janos Frühling**, Royal Belgium Academy of Medecine (Belgium), jacques.tamboise@armb.be

**François Fuks**, Laboratory of Cancer Epigenetics, Erasme University, Brussels (Belgium), ffuks@ulb.ac.be

**Zdenko Herceg**, Epigenetic Group, IARC, Lyon (France), herceg@iarc.fr

**Philippe Irigaray**, ECERI, Association pour la Recherche Thérapeutique Anti-Cancéreuse (France), philippei.artac@gmail.com

**Isabelle Mansuy**, Brain Research Institute, University of Zurich (Zwitzerland), mansuy@hifo.uzh.ch

**Luc Montagnier**, Fondation Mondiale Recherche et Prévention Sida, UNESCO (France),

**Lucia Migliore**, Department of Human and Environmental Sciences, Medical Genetics Lab, University of Pisa (Italy), l.migliore@geog.unipi.it

**Nick Osborne**, European Centre for Environment and Human Health, University of Exeter Medical School (UK), nicholas.osborne@pcmd.ac.uk

**Andrew Pospisilik**, Epigenetic control of complex disease Laboratory, Max Planck Institute of Immunobiology and Epigenetics, Freiburg (Germany), pospisilik@immunbio.mpg.de

**Michael Skinner**, Center for Reproductive Biology, School of Biological Sciences, Washington State University (US), skinner@wsu.edu