

# PROGRAM

## **EPIGENomics and Health Care Policy: Challenges and Opportunities**

**December 1-3, 2014**

**IEO, via Adamello 16, Milan, Italy**

**December 1, 2014**

**13:00-14:00 Registration of participants**

**14:00-14:40 Welcome to IEO and opening remarks**

**Pier Giuseppe Pelicci** (*Scientific Co-Director, European Institute of Oncology, Milan*)

**Giuseppe Testa** (*European Institute of Oncology & European School of Molecular Medicine, Milan, EPIGEN PI*)

### **SESSION I**

**Framing the issues: EPIGEN, the global context of epigenomics and European health care**

**14:40-15:40 Introduction to the EPIGEN, BLUEPRINT, EPIGENESYS and DEEP Consortia**

**Giuseppe Macino** (*Sapienza University of Rome, EPIGEN Coordinator*)

**Henk Stunnenberg** (*University of Nijmegen, BLUEPRINT Coordinator*)

**Genevieve Almouzni** (*Institut Curie, Paris, EPIGENESYS Coordinator*)

**Jörn Walter** (*Saarland University, Saarbrücken, DEEP Coordinator*)

**15:40-16:00 Coffee break**

### **SESSION II**

**High throughput epigenomics: Basic insights and medical applications**

**16:00-16:50 What is epigenomics?**

**Gioacchino Natoli** (*European Institute of Oncology, Milan*)

**Bruno Amati** (*Italian Institute of Technology, Milan*)

**16:50-17:40 The impact of epigenomics on human health**

**Davide Gabellini** (*Dulbecco Telethon Institute c/o San Raffaele Scientific Institute, Milan, EPIGEN PI*)

**Massimiliano Pagani** (*National Institute for Molecular Genetics, Milan, EPIGEN PI*)

**17:40-18:00 Discussion**

December 2, 2014

### **SESSION III**

#### **High throughput epigenomics: Industrial perspectives**

##### **9:00-10:30 Epigenomics, industry and drug development**

**Saverio Minucci** (*European Institute of Oncology, Milan; EPIGEN PI*)

**Udo Oppermann** (*University of Oxford, Oxford*)

**Alex Gutteridge** (*Neusentis, a Pfizer research unit*)

**10:30-11:00 Discussion**

**11:00-11:30 Coffee break**

### **SESSION IV**

#### **Focus groups on disease areas**

##### **11:30-13:00 Participants' focus groups on three disease areas:**

11:30-11:50 Parallel presentations by EPIGEN PIs

11:50-12:30 Group discussions among participants moderated by EPIGEN PIs

12:30-13:00 Planary Session

**Cancer:** **Sergio Nasi** (*presenter*) – **Luca Chiapperino** (*moderator*)

**Neurodegenerative and neuropsychiatric diseases:** **Elena Battaglioli** (*presenter*) – **Giuseppe Testa** (*moderator*)

**Cardiovascular and metabolic diseases:** **Marco Bianchi** (*presenter*) – **Davide Corona** (*moderator*)

**13:00-14:30 Lunch**

### **SESSION V**

#### **Ethical and legal implications of epigenomics in health care delivery**

##### **14:30-15:30 What are the ethical and social implications of epigenomics?**

**Ruth Chadwick** (*Cardiff School of English, Communication and Philosophy, Cardiff*)

**Yann Joly** (*McGill University, Montreal; IHEC Working Group on Ethics*)

**15:30-16:00 Discussion**

**16:00-16:30 Coffee break**

##### **16:30-18:00 Paving the way for epigenomics into healthcare practice: the European regulatory landscape for biotechnologies**

**Nils Hoppe** (*Centre for Ethics and Law in the Life Sciences, Hannover*)

**Barbara Prainsack** (*King's College, London*)

**Maurizio Meloni** (*Princeton and University of Sheffield*)

**18:00-18:30 Discussion**

**Social event**

**December 3, 2014**

**SESSION VI**

**Social epigenetics and epidemiology**

**9:00-10:30 Social epigenetics and epidemiology**

**Hannah Landecker** (*Institute for Society and Genetics, Los Angeles*)

**Karin Michels** (*Harvard School of Public Health, Boston*)

**Silvia Stringhini** (*Lausanne University Hospital, Lausanne*)

**10:30-11:00 Discussion**

**11:00-11:30 Coffee break**

**SESSION VII**

**The EPIGEN contribution**

**11:30-12:00 Introducing the EPIGEN Whitepaper on Epigenomics in Health Care Policy**

**Giuseppe Testa** (*European Institute of Oncology & European School of Molecular Medicine, Milan; EPIGEN PI*)

**12:00-13:00 Round table: Evaluating the EPIGEN Policy Framework**

Round table and panel discussion with selected guests and EPIGEN PIs, chaired by **Luca Chiapperino** and **Maria Damjanovicova** (*European School of Molecular Medicine, Milan*)

**13:00-13:30 Concluding remarks and farewell**