



PHILOSOPHICAL CHALLENGES OF MODERN BIOLOGY

2nd RUB-Workshop 'History and Philosophy of the Life Sciences'

Monday, 29. Oct. 2012

Forum Nordost (FNO), Floor 01, Room 117 (IGSN)

14:15 - 15:30

Giuseppe Testa,
Head, Laboratory of Stem Cell Epigenetics
Co-founder, PhD Program in Foundations and Ethics of the Life Sciences
European Institute of Oncology, Milan

*Genome vs Epigenome:
Disease Modeling and the Realignment of the Normal
and the Pathological*

15:30 - 16:00 Coffee Break

16:00 - 17.30 **Stephan Kopsieker, Bielefeld University**
The Concept of Modularity as a Tool for Dealing with Biological Complexity

Jan Baedke, Ruhr University Bochum
Waddington's Pictorial and Methodological Legacy in the Life Sciences

17.30 - 18.00 Coffee Break

18:00 - 19:30 **Fabian Lausen, Bielefeld University**
Using Insights from the Philosophy of Biology in the General Reductionism Debate

Dan Brooks, Bielefeld University
Problem Agendas as Units of Integration

20:00 Dinner

Discussants: **Fabrizio Guerrero McManus (National University Mexico City),
Marie Kaiser (University of Geneva), Helmut Pulte (Ruhr University Bochum),
Christina Brandt (Ruhr University Bochum)**

Mercator Research Group 'Spaces of Anthropological Knowledge' & Institute of Philosophy I
Organization: Jan Baedke and Christina Brandt