INTERNATIONAL INAUGURAL SYMPOSIUM

October 13-14, 2008

Developmental Biology and Genetics: Bridges to cancer

Génétique et Biologie du Développement: les fondamentaux du Cancer

Program
Monday, October 13, 2008

09.00 Welcome addresses by Profs Claude Huriet, President of the INSTITUT CURIE, Spyros Artavanis-Tsakonas, Director of the Department of Genetics and Developmental Biology and Daniel Louvard, Director of the Research Center

09.15 Prof. Howard Green, Honorary President of the Scientific Advisory Board of the Institut Curie, Harvard Medical School, Boston (USA)  
“The Birth of Therapy with Cultured Cells”

Prof. Paul Nurse, President of the Scientific Advisory Board of the Institut Curie, President of the Rockefeller University, New York (USA)  
“Cell form in fission yeast”

1st Session: Stem Cells

10.00 Nicole Le Douarin, Collège de France, Paris, Académie des Sciences, Paris  
“Developmental relationships between the neural crest and the brain”

10.35 Elaine Fuchs, Howard Hughes Medical Institute, The Rockefeller University, New York (USA)  
“Skin development and stem cells”

11.10 Coffee Break

11.30 Jean-René Huynh, Institut Curie, Paris  
“The origin of polarity: from germline stem cells to body axis patterning in Drosophila and Zebrafish”

11.55 Allan Spradling, Carnegie Institution of Washington, Baltimore (USA)  
“Regulation of stem cell behavior by tissue Niches”

12.30 Lunch

2nd Session: Gene Regulation and Epigenetics

14.00 David Baltimore, California Institute of Technology, Pasadena (USA)  
“Control of inflammation by NF-kB and MicroRNAs”

14.35 Edith Heard, Institut Curie, Paris  
“Developmental and epigenetic Dynamics of X-Chromosome Inactivation in the Mouse”

15.00 Maria-Elena Torres-Padilla, Institut Curie, Paris  
“Role of chromatin structure and remodeling in the patterning of the early mouse embryo”

15.25 Coffee Break

17.00 Official inauguration of the building
Tuesday, October 14, 2008

3rd Session: Development and Evolution

08.45 Lewis Wolpert, University College London, London (UK)
“Positional Information and Pattern Formation”

09.20 Walter Gehring, University of Bale (Switzerland)
“The Evolution of Eyes and Vision”

09.55 Denis Duboule, University Sciences III, Genève / EPFL Lausanne [Switzerland]
“Large-Scale Gene Regulation During Vertebrate Development and Evolution”

10.30 Coffee Break

4th Session: Morphogenesis and Oncogenesis

10.50 Joan S. Brugge, Harvard Medical School, Boston (USA)
“Modeling Morphogenesis and Oncogenesis in 3 Dimensional Cultures”

11.25 Gerald M. Rubin, Howard Hughes Medical Institute, Virginia (USA)
“Developing Tools for Neuroanatomy and Neurogenetics in Drosophila”

12.00 Yohanns Bellaiche, Institut Curie, Paris
“Coordinating growth, morphogenesis and cellular organization of proliferating epithelial tissue”

12.25 Spyros Artavanis-Tsakonas, Director of the Research Unit “Genetics and Developmental Biology”, Professor at the College de France, Paris, Harvard Medical School, Boston (USA)
“Notch signaling, proliferation and oncogenesis”

13.00 End of the meeting

This mosaic was proposed by Nicole Le Douarin, director of the Nogent sur Marne Embryology Institute (1975-2000) and was donated by the Collège de France. It represents a chicken embryo and was made in 1958 by Nelly Vandel, spouse of Prof. Vandel from the Toulouse Science Faculty, in tribute to Prof. Etienne Wolff (1904-1996), founder of the Embryology Institute.