



ONE-DAY SYMPOSIUM

FROM GENES TO DEVELOPMENT
40 YEARS OF WONDER & EXCITEMENT

A TRIBUTE TO **PATRICK CHARNAY'S** CAREER

May 27th, 2019

Salle Dussane | 45, rue d'Ulm 75005 Paris

P R O G R A M M E

09:00 - 09:05

WELCOME • MARC MÉZARD (*ENS, Paris, France*)

09:05 - 09:15

INTRODUCTION • PIERRE PAOLETTI (*IBENS, Paris, France*)

09:15 - 10:45

SESSION 1 • CHAIR: ANNE DEJEAN (*Institut Pasteur, Paris, France*)

09:15 - 09:45

> **MRNA-PROTEIN COMPLEX ASSEMBLY AND TRANSPORT OF IN A LARGE POLARISED CELL**
ANNE EPHRUSSI (*EMBL, Heidelberg, Germany*)

09:45 - 10:15

> **THE GENERATION OF NEURAL DIVERSITY**
CLAUDE DESPLAN (*NYU, New York, USA*)

10:15 - 10:45

> **FROM CLONING GENES TO MEASURING CELLS**
PATRICK LEMAIRE (*CRBM, Montpellier, France*)

10:45 - 11:15

COFFEE BREAK

11:15 - 12:45

SESSION 2 • CHAIR: PHILIPPE ASCHER (*Univ. Paris Diderot, Paris, France*)

11:15 - 11:45

> **THE MOLECULAR AND CELLULAR LOGIC OF SPINAL CORD DEVELOPMENT**
JAMES BRISCOE (*Francis Crick Institute, London, UK*)

11:45 - 12:15

> **BRAIN STEM CELLS AND AGEING**
FRANÇOIS GUILLEMOT (*Francis Crick Institute, London, UK*)

12:15 - 12:45

> **FROM BRAIN PATTERNING TO SPINE MORPHOGENESIS: CILIA IN NEURAL DEVELOPMENT**
SYLVIE SCHNEIDER-MAUNOURY (*IBPS, Paris, France*)

12:45 - 14:00

LUNCH BUFFET

14:00 - 15:30

SESSION 3 • CHAIR: MOSHE YANIV (*Institut Pasteur, Paris, France*)

14:00 - 14:30

> **A NOVEL MECHANISM OF STOCHASTIC PROMOTER ACTIVATION REQUIRES ANTISENSE RNA TRANSCRIPTION, DNA DEMETHYLATION AND CHROMATIN EXTRUSION**
TOM MANIATIS (*Columbia University, New York, USA*)

14:30 - 15:00

> **ROLE OF STROMAL HETEROGENEITY IN BREAST CANCER PATHOGENESIS**
FATIMA MECHTA-GRIGORIOU (*Institut Curie, Paris, France*)

15:00 - 15:30

> **BOUNDARY CAP CELLS: FROM BENCH TO BEDSIDE STORY**
PIOTR TOPILKO (*IMRB, Créteil, France*)

15:30 - 16:00

COFFEE BREAK

16:00 - 17:30

SESSION 4 • CHAIR: CRISTINA PUJADES (*Univ. Pompeu Fabra, Barcelona, Spain*)

16:00 - 16:30

> **BORDERS AND COMMUNITIES IN THE DEVELOPING HINDBRAIN**
DAVID WILKINSON (*Francis Crick Institute, London, UK*)

16:30 - 17:00

> **MECHANISMS DRIVING THE CONSTRUCTION AND MAINTENANCE OF ADULT NEURAL STEM CELL ENSEMBLES**
LAURE BALLY-CUIF (*Institut Pasteur, Paris, France*)

17:00 - 17:30

> **LONG RANGE REGULATION AT HOX LOCI**
DENIS DUBOULE (*Univ. de Genève, Suisse | Collège de France, Paris, France*)

17:30 - 17:50

CONCLUSION • SONIA GAREL (*IBENS, Paris, France*)

