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IBPS INAUGURAL SYMPOSIUM

Program

October, 14-16, 2015

Jussieu Campus
Amphi 25

Functional networks in evolution
and development
Neurons and muscles in pathology
and ageing

14/10/2015

Inaugural session

- | | |
|-------------|--|
| 17:00-17:05 | Michel Labouesse , IBPS Director,
<i>Welcome address</i> |
| 17:05-18:00 | Jean Chambaz , President of UPMC

Catherine Jesus , INSB director, CNRS

Etienne Hirsch , Director of the ITMO
Neuroscience Department, Inserm |
| 18:00-18:50 | Jules Hoffmann , Nobel Prize, IBMC, Strasbourg
(France). <i>Innate Immunity: from flies to humans</i> |
| 18:50-19:40 | Margaret Buckingham , CNRS gold medal Institut
Pasteur, (Paris, France). <i>Skeletal muscle stem cells</i> |
| 19:45 | COCKTAIL |



15/10/2015

Functional networks in evolution and development

Chairman: **Angela Falciatore**, UMR 7238, IBPS.

- 09:00-09:40 **Eytan Domany**, Weizmann Institute (Rehovot, Israel). *Pathway – Based Personalized Analysis of Cancer*
- 09:40-10:05 **Alessandra Carbone**, IBPS. *Coevolution analysis: a high resolution map of protein-protein interactions*
- 10:05-10:45 **Leonid Mirny**, MIT (Cambridge, USA), *Genome in 3D*
- 10:45-11:10 COFFEE BREAK

Chairman: **Stéphane Ronsseray**, UMR 7622, IBPS.

- 11:10-11:50 **Edith Heard**, Institut Curie Paris (Paris, France). *Dynamic X-chromosome structure and function during X-chromosome inactivation*
- 11:50-12:15 **Katja Wassmann**, IBPS. *How oocytes try to get it right: Spindle checkpoint control in meiosis*
- 12:15-13:30 LUNCH (Caves Esclangon)
- 13:30-14:30 Poster session (Caves Esclangon)

Chairman: **Paola Furla**, UMR 7138, IBPS.

- 14:30-15:10 **William Martin**, Institut für Molekulare Evolution (Düsseldorf, Germany). *Hydrothermal vents and the origin of life: A lot is going on*
- 15:10-15:35 **Philippe Lopez**, IBPS. *Using similarity networks in molecular evolution*
- 15:35-16:00 **Delphine Duprez**, IBPS. *Mechanobiology of foetal myogenesis*
- 16:00-16:20 COFFEE BREAK

Chairman: **Onnik Agbulut**, UMR 8256, IBPS.

- 16:20-17:00 **Alfonso Martinez Arias**, Cambridge University (UK). *Genetically supervised self organization in ensembles of mouse ES cells*
- 17:00-17:25 **Michel Labouesse**, IBPS. *Embryonic life under tension*
- 17:25-18:05 **Carmen Sandi**, Brain and Mind Institute, EPFL (Lausanne, Switzerland). *The brain on stress – mechanisms underlying increased risk to develop psychopathologies*

Chairman: **Hervé Chneiweiss**, UMR 8246, IBPS.

- 18:05:18:45 **Jean-Louis Mandel**, IGBMC (Strasbourg, France). *From rare to common diseases: what are the perspectives of genomics for predictive or personalized medicine?*

16/10/2015

Neurons and muscles in pathology and ageing

Chairman: **Sylvie Schneider-Maunoury**, UMR 7622, IBPS.

- 09:00-09:40 **Antoine Triller**, Ecole Normale Supérieure (Paris, France). *Synaptic stability and plasticity: a molecular movie*
- 09:40-10:05 **Alexandre Mourot**, IBPS. *Opto-chemical control of midbrain dopamine neurons*
- 10:05-10:30 COFFEE BREAK

Chairman: **Jamilé Hazan**, UMR 8246, IBPS.

- 10:30-11:10 **Adam Antebi**, MPI Biology of ageing (Köln, Germany). *Regulation of longevity by the reproductive system*
- 11:10-11:35 **Christian Neri**, IBPS. *Molecular dynamics of Huntington's Disease*
- 11:35-12:50 Poster session (Caves Esclangon)
- 12:50-13:50 LUNCH (Caves Esclangon)

Chairman: **Philippe Faure**, 8246, IBPS.

- 14:00-14:40 **Brigitte Kieffer**, Mc Gill University (Montréal, Canada). *Opioid receptors and brain function - mouse genetic approaches*
- 14:40-15:05 **Bruno Giros**, IBPS. *Molecular basis of vulnerability to depression*
- 15:05-15:30 **Laure Rondi-Reig**, IBPS. *Neural representation of space and Cerebellum*
- 15:30-15:50 COFFEE BREAK

Chairman: **Frédérique Peronnet**, UMR 7622, IBPS.

- 15:50-16:30 **Jean-Claude Martinou**, Geneva University (Geneva, Switzerland). *Role of the mitochondrial pyruvate carrier in neuronal function*
- 16:30-16:55 **Etienne Jacotot**, IBPS. *Caspase-2 as a target in acute and chronic neurodegeneration*
- 16:55-17:35 **Hans Clevers**, Hubrecht Institute (Utrecht, The Netherlands). *Lgr5 Stem Cells in self-renewal and cancer*

- 17:35 **Closing remarks**

