

## IFM Colloquium “Cortical development, evolution and disorders”

Paris, October 1<sup>st</sup> 2010

Auditorium de la Grande Galerie de l'Évolution, Muséum national d'Histoire naturelle,  
Jardin des Plantes - 36, rue Geoffroy Saint Hilaire 75005 Paris

9.00 Welcome address Jean-Antoine Girault, Director IFM

**Development & Evolution** *(Mod: Christine Métin, IFM)*

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9.10 **Morning keynote lecture**  
Arnold Kriegstein, San Francisco  
*The role of the outer subventricular zone in human cortical development*

10.10 Song-Hai Shi, New York  
*Mammalian neocortex development: from neurogenesis to circuit formation*

10.45 Victor Borrell, Alicante  
*Mechanisms of expansion and folding of the mammalian cerebral cortex*  
*Coffee*

**Disorders I** *(Mod: Arnold Kriegstein, UCSF)*

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11.35 Fiona Francis, Paris  
*Microtubules and band heterotopia, from mouse to man*

12.10 Silvia Cappello, Munich  
*A new mouse model of 'double-cortex' - the role of RhoA in cortical development*

12.45 Shinji Hirotsune, Osaka  
*A unique role of motor proteins and their friends in corticogenesis: landscape of cytoplasmic dynein and nud family proteins*

*Discretionary lunch*

**Disorders II** *(Mod: Thomas Bourgeron, Pasteur Institute)*

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14.05 **Afternoon keynote lecture**  
Christopher Walsh, Boston  
*Mechanisms of human cerebral cortical development*

15.05 Matthias Groszer, Paris  
*Monogenetic neurodevelopmental disorders – molecular windows into complex neuropsychiatric syndromes*

*Coffee*

15.55 Ricardo Dolmetsch, San Francisco  
*Using mouse models and iPS cells to study autism*

16.30 Luca Santarelli, Basel  
*TBA*

Concluding remarks Patricia Gaspar, Co-Director IFM

**Reception at the IFM, 8-10 rue des Fossés Saint-Marcel, 5 min walk**

We thank the sponsors of this colloquium for their generous support :



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