



# Imaging Brain Plasticity and Development

Paris, April 1<sup>st</sup> & 2<sup>nd</sup> 2010  
Hôtel de Massa

**Inserm**

Institut national  
de la santé et de la recherche médicale

**KING'S**  
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**DESCARTES**

**AF**  
**PB**

**i<sup>2</sup>BM**

## Thursday 1 April 2010

**08.45 - 09.15** Registration

**09.15** **Opening Welcome - A. Munnich, Paris, FR**

**9.30 - 10.30** **'Plasticity and the normal Brain' - Chair: S. Lawrie, Edimburg, UK**

> **Molecular Determinants of Brain Plasticity**

A. Prochiantz, *Paris College de France, FR*

> **The Musician' Brain as a model for Neuroplasticity**

E. Altenmüller, *Hanover University, DE*

**10.30 - 11.00** Break

**11.00 - 12.30** **Plasticity and the developing brain - Chair: F. Brunelle, Paris, FR**

> **Neuroplasticity with Development and Training**

D. Brandeis, *Zurich University, CH*

> **Twin brains and puberty**

R. Brouwer, *Utrecht University, NL*

> **Early Brain Maturation and Plasticity**

P. Huppi, *Geneva University, CH*

**12.30 - 14.00** Lunch and Posters

**14.00 - 14.45** **Plenary Lecture - Chair: J.-L. Martinot, Paris, FR**

> **Parallel brain circuits and childhood psychopathology**

B. Peterson, *Div of Child & Adolescent Psychiatry Columbia University, New York, USA*

**14.45 - 16.55** **"The Dysplastic Brain" - Chairs: O. Gruber, Göttingen, DE, and M.-L. Paillère, Paris, FR**

> **Developmental plasticity of cognitive and motivation control and effects of gender**

K. Rubia, *Institute of Psychiatry, London, UK*

**15.15 - 15.30** Break

**15.30 - 17.00** **"The Dysplastic Brain" (continued)**

> **Microstructural white matter changes during aging in relation to brain development**

H. Lemaitre, *Inserm Unit 1000, Orsay, FR*

> **Autism spectrum disorder & plasticity**

M. Zilbovicius, *Inserm Unit 1000, Paris, FR*

> **Inferring human brain plasticity with computational neuroimaging**

S. Klaas, *Wellcome Trust Centre for Neuroimaging, London, UK,*  
and *University of Zurich, CH*

**Friday 2 April 2010**

- 09.00 - 09.30** Registration
- 09.30 - 10.30** **Plenary Lecture** - Chair: S. Frangou, *London, UK*
- > **Neuroplasticity and developmental Mental Disorders**  
J. Rapoport, Child Psychiatry Branch National Institute of Health, *Bethesda, USA*
- 10.30 - 11.00** Break
- 11.00 - 13.00** **“Plasticity in Psychosis”** - Chairs: E Meizenzahl, *Munich, DE*, and P. McGuire, *London, UK*
- > **Dopamine & Psychosis: get back**  
L. Farde, Karolinska Institute, *Stockholm, SE*
  - > **Structural brain Dynamics of vulnerability and resilience to psychosis**  
N. Koutsouleris, *Munich University, DE*
  - > **Neurodiagnostic disease prediction prior psychosis**  
E. Meizenzahl, *Munich University, DE*
- 13.00 - 14.00** Lunch and Posters
- 14.00 - 16.00** **“Plasticity and therapeutics”** - Chairs: T. Kircher, *Marburg, DE*, and P. Fossatti, *Paris, FR*
- > **Beyond monoamine hypotheses**  
L. Lanfumey, *Paris 6 University, FR*
  - > **Self control, hypnosis, & brain changes**  
Y. Cojan, *Geneva University, CH*
  - > **Psychotherapy & brain changes**  
C. Konrad, *Marburg University, DE*
  - > **Deep brain stimulation: therapeutic value and limitations; pathophysiology**  
B. Auizerate, *Bordeaux University, FR*
- 16.00** **General discussion & Meeting Close**



## Meeting place

### Hôtel de Massa




38 rue du Faubourg-Saint-Jacques (Paris 14<sup>e</sup>)

Phone: +33 (1) 53 10 12 00

[http://fr.wikipedia.org/wiki/H%C3%B4tel\\_de\\_Massa](http://fr.wikipedia.org/wiki/H%C3%B4tel_de_Massa)

## PUBLIC TRANSPORTATION

Accessible by :

- the **metro station Saint-Jacques** on the line  **6**
- the **RER station Port-Royal**  
  - direct from/to both Roissy airport and railway station Gare du Nord
- the **Orlybus**: connexion in shuttle bus between Orly airport and Denfert Rochereau

## FINDING YOUR WAY

<http://www.ratp.info/orienter/rer.php>

**Please download the Registration Form at:** <http://www.iop.kcl.ac.uk/events/?id=843>

**Contact:** Caroline Zanelli

**Phone:** +44 (0) 207 848 02 99

**Mail:** [Caroline.Zanelli@kcl.ac.uk](mailto:Caroline.Zanelli@kcl.ac.uk)