THE 31st HERBERT OLIVECRONA SYMPOSIUM 2010

December 3, 2010

Functional Mapping and brain plasticity: Application to neurosurgery

Eugeniahemmet, Building T3, Karolinska University Hospital Solna

Olivecrona Lecturer and Medallist:
Professor Hugues Duffau, MD PhD
Institute of Neurosciences of Montpellier, France

Organizing committee:
Mikael Svensson, Per Almqvist, Tiit Mathiesen,
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For registration, please visit:
www.olivecrona.eu
# THE 31st HERBERT OLIVECRONA SYMPOSIUM 2010

**Functional mapping and brain plasticity:**  
**Application to neurosurgery**

## Program

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<td>9.00 - 10.00</td>
<td>Registration, Coffee, Posters, Sponsors’ exhibitions</td>
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| 10.00 - 10.15 | **Welcome and introduction**  
Professor Mikael Svensson, Chairman                                                                 |                                                                                           |                                                                                                |
| 10.15 - 10.45 | **Stem cells and neurogenesis in the adult CNS**  
Professor Jonas Frisén  
Karolinska Institutet                                           |                                                                                           |                                                                                                |
| 10.45 - 11.15 | **Resting state fMRI and intrinsic functional brain connectivity**  
Professor Peter Fransson  
Karolinska Institutet                                           |                                                                                           |                                                                                                |
| 11.15 - 12.00 | **The brain and reality - from placebo to psychosis**  
Associate Professor Predrag Petrovic  
Karolinska Institutet                                           |                                                                                           |                                                                                                |
| 12.00 - 13.00 | Lunch  
Eugeniahemmet, Building T3, Karolinska  
University Hospital Solna                                             |                                                                                           |                                                                                                |
| 13.00 - 13.40 | **Developmental Neuroplasticity and Epilepsy Surgery**  
Professor Martin Staudt  
Clinic for Neuropediatrics and Neurorehabilitation,  
Epilepsy Center for Children and Adolescents  
Vogtareuth, Germany                                              |                                                                                           |                                                                                                |
| 13.40 - 14.10 | **Proteome profiling of interstitial fluid in patients with malignant glioma: molecular basis for tumour invasiveness and stealth properties**  
Professor Walter Fischer  
Department of Neurosurgery  
Copenhagen University Hospital, Denmark                           |                                                                                           |                                                                                                |
| 14.10 - 14.30 | **Treatment of malignant glioma – What does the patient expect?**  
Professor Tommy Bergenheim  
Department of Neurosurgery  
University Hospital of Umeå, Sweden                               |                                                                                           |                                                                                                |
| 14.30 - 14.50 | Coffee, Posters, Sponsors’ exhibitions                                                      |                                                                                           |                                                                                                |
| 15.00 - 16.00 | **The Herbert Olivecrona Lecture**  
**Brain hodotopy and plasticity: new concepts in glioma surgery**  
Professor Hugues Duffau, MD PhD  
Institute of Neurosciences of Montpellier, France                  |                                                                                           |                                                                                                |
| 16.00 | Adjourn                                                                                   |                                                                                           |                                                                                                |
| 19.00 | Gala dinner (dark suit)  
The Atrium Restaurant  
The National Museum, Stockholm                                      |                                                                                           |                                                                                                |