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The 33rd Annual Herbert Olivecrona Symposium

Man and Machine
New Developments in Functional Neurosurgery

Herbert Olivecrona Lecturer and Medallist
Andres M Lozano, MD, PhD
University of Toronto, Canada

Friday 7 December 2012
The Leksell Auditorium, Eugeniahemmet (building T3) Karolinska University Hospital Solna Stockholm, Sweden

Organising committee
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Herbert Olivecrona
1891 - 1980
8.00 – 8.30 Registration, Poster exhibit, Coffee & sandwiches

8.30 – 8.40 Welcome and Introduction
Prof. Mikael Svensson

8.40 – 9.00 Spinal Cord Stimulation for IBS and Heart Failure
Assistant Prof. Göran Lind
Karolinska Institutet, Stockholm, Sweden

9.00 – 9.20 Vagal Nerve Stimulation as a Treatment for Arthritis and IBD
Prof. Ulf Andersson
Karolinska Institutet, Stockholm, Sweden

9.20 – 9.40 Experimental Deep Brain Stimulation in the Göttingen Minipig
Prof. Jens Christian Hedemann Sørensen
Aarhus University, Denmark

9.40 – 10.00 Encapsulated Cell Biodelivery – A Technology Platform for Restorative Neurosurgery
Dr. Lars Wahlberg
NsGene Inc., Providence, Rhode Island, USA

10.00 – 10.30 Coffee

10.30 – 10.50 TRANSEURO – Innovative Approach for the Treatment of Parkinson’s Disease
Dr. Hjalmar Bjartmarz
Skåne University Hospital, Lund, Sweden

10.50 – 11.10 Alleviation of Tremor by Deep Brain Stimulation in the Zone Incerta
Prof. Patric Blomstedt
University of Umeå, Sweden

11.10 – 11.30 Deep Brain Stimulation in Gilles de la Tourette’s Syndrome
Prof. Veerle Visser-Vandewalle
University of Cologne, Germany

11.30 – 11.50 Law and Ethics of Deep Brain Stimulation
Assistant Prof. Bjoern Schmitz-Luhn
University of Cologne, Germany

12.00 – 13.00 Lunch

13.00 – 13.20 Stereotactic Neurosurgery for Movement Disorders In a World Perspective: Myths and Reality
Assistant Prof. Gastón Schechtmann
Karolinska Institutet, Stockholm, Sweden

13.20 – 13.50 Ultra-High Magnetic Field MRI for Clinical Surgical Targeting
Associate Prof. Aviva Abosch
University of Minnesota, Minneapolis, USA

13.50 – 14.10 MRI-guided STN Deep Brain Stimulation under General Anaesthesia
Prof. Marwan Hariz
Queen Square Hospital, UCL, London, UK

14.10 – 14.30 DBS of the Anterior Nucleus of the Thalamus for Refractory Epilepsy
Prof. Kai Lehtimäki
Tampere University Hospital, Tampere, Finland

14.30 – 15.00 Coffee

15.00 - 16.00 The Herbert Olivecrona Lecture
Neurosurgery: from Movement to Mood and Mentation
Professor Andres M Lozano, MD, PhD
University of Toronto
Toronto, Canada

16.00 Adjourn

19.00 Gala Dinner (dark suit), Restaurant Operaterrassen, The Royal Opera, Stockholm