

Workshop ITREN-IBEC-UPC

Tuesday, 20th July 2010

Tower I – floor 11, Baldori Reixac 4-6, Barcelona

Programme

Morning session

10:00 – 10:30 Opening Ceremony

10:00 – 10:15 **Welcome**
Prof. Josep A. Planell (IBEC)
Prof. Maria Pau Ginebra (UPC)

10:15 – 10:30 **ITREN Presentation**
Prof. Hae Won Kim (ITREN)

10:30 – 13:30 Seminars session I

10:30 – 11:00 **Jung Keun Hyun**
Clinical and experimental advances in treatment of spinal cord injury

11:00 – 11:30 *Coffee break*

11:30 – 12:00 **Montserrat Español**
The macro- and micro-characterization of Calcium Phosphate Cements (CPC).

12:00 – 12:30 **Aeri Ji**
Effect of hiPSC-induced neuron on axonal regeneration in the brain-spinal cord co-culture system

12:30 – 13:00 **Óscar Castaño**
Fibronectin adsorption on atomic modified (110) rutile surfaces

13:00 – 13:30 **Won-Cheoul Jang**
Application of carbon nanotubes for EGFR Mutation Detection

Afternoon session

14:30 – 15:00 Laboratory Tour

15:00 – 16:30 Seminars session II

15:00 – 15:30 **Óscar Seira**
Regeneration of cortical connections by GSK3 β inhibition independently of NOGO receptor 1

16:00 – 16:30 **Young-Joo Jang**
Stemness of hDPCs and Screening of hDPCs Surface Markers

16:30 – 17:00 **Christian Sporer**
Detection of pathogenic bacteria by electrochemical impedance spectroscopy sensors