University of Zurich[UZH] | ETH zürich

VISION 2020 – A PERSONAL PERSPECTIVE

REGENERATIVE MEDICINE

Thursday, June 05, 2014, 17:00 h
Lecture Hall Y16 G05
University of Zurich, Irchel Campus

Prof. Martin E.Schwab
Brain Research Institute, University of Zurich and Department of Health Science and Technology, ETH Zurich, Switzerland

New ways to rewire the injured CNS

The neuroanatomical basis of the functional recovery seen during rehabilitation of spinal cord injury or stroke patients is poorly understood. In animal models, we could show major changes in CNS wiring resulting from such lesions. Suppression of neurite growth inhibitory factors enhances plastic and regenerative fiber growth. Training can also enhance these hard ware repair processes and is probably required for the stabilization and fine tuning of the new connections and circuits. Brain and spinal cord of higher mammals appear today as much more plastic and adaptive structures than previously assumed.

The presentation is followed by an aperitif and – for a limited number of students – by a dinner with the speaker. For the dinner, contact **jerryhartanto.fuady@uzh.ch** not later than June 3, 2014 by explaining why you would like to meet the speaker.

Organization:
This event series is organized by a committee of PhD students of the PhD Program in Integrative Molecular Medicine (imMed), UZH:
Institute of Physiology: Marta Figueiredo (chair) | Jerry Fuady | Julia Jando | Melroy Miranda

Supported by the SUK Program "Doktoratsprogramme"

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