

Institute for Regenerative Medicine (IREM) in collaboration with
Wyss Translational Center Zurich (Wyss Zurich), Regenerative
Medicine Technologies Platform

Interdisciplinary Colloquium Regenerative Medicine I

**Tuesday, 28nd March 2017 at 12:30 – 1:30 pm,
Kleiner Hörsaal OST,
University Hospital Zurich**

Prof. Armin Curt

**Spinal Cord Injury Center, UZH and University Hospital Balgrist,
Zurich**

Stem cell research in SCI: hype or feasible approach

Translational research is inherently challenged to bridge the gap between preclinical research discoveries and how to embed such new knowledge into meaningful treatment concepts and eventually apply this in patients. The same is unquestionably true in spinal cord injury where specific challenges in the translation from bench to bed need to be considered. Translational research in human SCI considering the application of stem cells is not only challenged by principal ethical and epistemological considerations about the transplantation of “allogenic prospering cells” but also how to bridge the gap between preclinical models and traumatic human SCI. The lecture alludes to some considerations regarding stem cells as have been applied in the Hu-CNS CS trials in sub-acute thoracic and cervical human SCI as well as compared to similar clinical trials in the field.

Organiser: Prof. Dr. Dr. Simon P. Hoerstrup

Execution/Chair: Dr. Steffen M. Zeisberger

IREM & Wyss Zurich, Univ. of Zurich and ETH Zurich