

Nieuws van '3R Research Foundation Switzerland', februari 2012



**Stiftung Forschung 3R • Fondation Recherches 3R
3R Research Foundation Switzerland**

<http://www.forschung3r.ch> • E-mail: forschung3r@bluewin.ch

We are pleased to announce, that **3 projects** were successfully **completed in 2011**:
Project 103-06: http://www.forschung3r.ch/en/projects/pr_103_06.html **An in vitro Model of Central Nervous System Infection and Regeneration: Neuronal Stem Cells as Targets of Brain Damage and Regenerative Therapies in Bacterial Meningitis**, Prof. Stephen Leib, Institute for Infectious Diseases, University of Berne, Switzerland (CHF 237,454.00).
Project 111-08: http://www.forschung3r.ch/en/projects/pr_111_08.html **Establishment of an organ ex-vivo tissue slice model for cardiovascular research in particular for therapeutic atherosclerosis targeting**, Prof. Patrick Hunziker, University Hospital, Basle, Switzerland (CHF 150,000.00).
Project 112-08: http://www.forschung3r.ch/en/projects/pr_112_08.html **A novel in vitro model for holistic assessment and optimisation of engineered tissue for functional cartilage repair**, Dr. Zhijie Luo, Leeds Dental Institute, Leeds, UK (CHF 111,284.20).

Further news on our website:

New 3R Method: http://www.forschung3r.ch/en/methods/method_M5.html **Quantitative, non-destructive biofilm analysis on irregular surfaces using microcalorimetry**, Author: Martin Clauss, Kantonsspital Liestal, and Andrej Trampuz, CHUV, infectious disease service, Lausanne, Switzerland.

3R Info-Bulletin 48: <http://www.forschung3r.ch/en/publications/bu48.html> **A novel ex vivo mouse aorta perfusion model** presents a method developed for obtaining aorta tissue of transgenic mice and its subsequent on-line observation under a fluorescence microscope, explored in project 111-08.