

**Seminarübersicht WS 2011/2012
Medizinische Biotechnologie**

Donnerstag, 13.30 - 15.00 Uhr

Hörsaal der Neurologie, Geb. 4132, Gehlsheimer Strasse 20, 18147 Rostock

- 13.10.11 **Basic facts about Stem Cells and Pluripotent Stem Cells**
Dr. Moritz Frech
- 20.10.11 **Induced human pluripotent stem cells: promises and open questions**
Dr. Rayk Hübner - Studenten-Referat I
- 27.10.11 **Differentiation patterns in neural precursor cells:
When, what and where in the brain**
Dr. Jiankai Luo - Studenten-Referat II
- 03.11.11 **Molecular biological techniques in stem cell biology:
when can we use what technology?**
Dr. Jiankai Luo - Studenten-Referat III
- 10.11.11 **Characterisation of neural stem cells. When is a neuron a neuron?**
Dr. Moritz Frech - Studenten-Referat IV
- 17.11.11 **Calcium in neuronal differentiation**
Dr. Moritz Frech - Studenten-Referat V
- 24.11.11 **Wnt signaling in neural progenitor cells**
Dr. Rayk Hübner - Studenten-Referat VI
- 01.12.11 **Wnt signaling - implications in development and disease**
Dr. Rayk Hübner - Studenten-Referat VII
- 08.12.11 **What about signalling in neuronal stem cells?
What can we learn from biology to medicine?**
Dr. Jiankai Luo - Studenten-Referat VIII
- 15.12.11 **ADAMs: coordinators of nervous system development, plasticity and repair**
Dr. Jiankai Luo - Studenten-Referat IX
- 12.01.12 **Clinical applications of stem cells I**
Prof. Arndt Rolfs/ Anne-Katrin Giese - Studenten-Referat X
- 19.01.12 **Clinical applications of stem cells II**
Prof. Arndt Rolfs/ Anne-Katrin Giese - Studenten-Referat XI
- 26.01.12 **Ethics, moral values and law in stem cell research**
Dres. Frech, Hübner, Luo - Studenten-Referat XII