

Curriculum Molecular Cardiology Class (Semester 1) – MCC 1

Mandatory for any MWK “Perspektivförldungs-” Scholar and **FREE** for anyone interested

Lectures will take place tuesday mornings (8-10am) in seminar room 02.332, 2. Floor, INF 669. For further details please contact the coordinator D. Hassel, david.hassel@med.uni-heidelberg.de

1. Cardiac Development (14. October 2014)

Lecturer: D. Hassel, david.hassel@med.uni-heidelberg.de

2. Basic mechanisms of cellular excitability and muscle contractility (21. October 2014)

Lecturer: J. Backs, johannes.backs@med.uni-heidelberg.de
O. Drews, drews@physiologie.uni-heidelberg.de

3. Electrical activity of the heart (28. October 2014)

Lecturer: E. Zitron, edgar.zitron@med.uni-heidelberg.de

4. Cardiac mechanics (04. November 2014)

Lecturer: M. Hecker, hecker@physiologie.uni-heidelberg.de

5. Pathophysiology of heart failure development and systemic responses (11. November 2014)

Lecturer: P. Most, patrick.most@med.uni-heidelberg.de

6. Cellular Responses and Major Signaling Pathways in Heart Failure (18. November 2014)

Lecturer: J. Backs, johannes.backs@med.uni-heidelberg.de
O. Drews, drews@physiologie.uni-heidelberg.de

7. Pharmacological modulation of cardiac function and failure (25. November 2014)

Lecturer: M. Freichel, marc.freichel@pharma.uni-heidelberg.de

8. Nucleic acid based therapies for Heart Failure (02. December 2014)

Lecturer: O. Müller, oliver.mueller@med.uni-heidelberg.de
D. Grimm, dirk.grimm@bioquant.uni-heidelberg.de
M. Schmidt, manfred.schmidt@nct-heidelberg.de

9. Reprogramming and Regeneration (09. December 2014)

Lecturer: F. Leuschner, florian.leuschner@med.uni-heidelberg.de
D. Hassel, david.hassel@med.uni-heidelberg.de

10. Clinical Presentation of Heart Failure incl. Catheter lab/acute heart failure unit visit (16. December 2014)

Lecturer: P. Raake, philip.raake@med.uni-heidelberg.de