

Research Training Group GRK 2039

Agenda 11th Seminar Day in Trifels “Microscopy and Transfection” (8th – 9th Feb, 2018)

| Thursday, Feb 8 th | Topic | Who is speaking |
|-------------------------------|--|--|
| Meeting Point: | Kurhaus Trifels Seminarhotel GmbH Kurhausstraße 25 76855 Annweiler | |
| 13:00 – 13:15 | Arrival and coffee | |
| 13:15 – 13:30 | Welcome | Hans-Achim Wagenknecht |
| 13:30 – 14:45 | Lecture I: Cell Penetrating Peptides <i>Chair: Ilona Wehl</i> | Ines Neundorf (Uni Köln) |
| [75] | <i>Cell-penetrating peptides for nucleic acid delivery</i> | |
| 14:45 – 15:10 [25] | Break | |
| 15:10 – 16:25 | Lecture II: Transfection | Gary Davidson (KIT, ITG) |
| [75] | <i>Design and testing of new gene delivery reagents for eukaryotic cells</i> | |
| 16:25 – 16:45 [20] | Break | |
| 16:45 – 17:35 | Introduction talks newcomers I <i>Chair: Franziska Wolff</i> | |
| 2 x [20 + 5] | <i>Cyclic tetrapeptides and their conjugation to fluorophores</i> | Claudine Herlan (Research group: Bräse) |
| | <i>Metal based nanosystems for tissue targeted drug delivery</i> | Anna Meschkov (Research group: Schepers) |
| 17:35– 18:00 [25] | PhDs only (chair: Franziska Wolff) | |
| 18:00 | Dinner | |

| Friday, Feb 9 th | Topic | Who is speaking |
|-----------------------------|--|---|
| 9:25 – 10:15 | Introduction talks newcomers II <i>Chair: Samantha Wörner</i> | |
| 3 x [20 +5] | <i>Characterization of the far-red fluorescent protein mGarnet2 as a basis for further development</i> | Jens Lackner (Research group: Nienhaus) |
| | <i>Droplet-based micro-bioreactors for encapsulation of single cells</i> | Sahana Sheshachala (Research group: Niemeyer) |
| 10:15 – 10:45 [25] | Break | |
| 10:45 – 12:00 | Lecture III: Microscopy | Cristina Cardoso (TU Darmstadt) |
| [75] | <i>The art of delivery: labeling and manipulation of intracellular targets</i> | |
| 12:15 – 13:15 | Lunch | |
| 13:15 – | Walk to the Trifels Castle | |

Proposed route:







