

HELENA Lecture Series

September 27, 2018

1:00 - 5:00 pm

Auditorium, Building 23, Campus Neuherberg

Systems Biology, Imaging and Structural Biology

Coordinator: Prof. Dr. Michael Sattler, Moderator: Valerio Lupperger, ICB

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| 1:00 - 1:05 | Welcome |
| 1:05 - 1:30 | “Structural Biology at HMGU - an overview”
Prof. Dr. Dierk Niessing, STB |
| 1:30 - 1:55 | “Medicinal Chemistry in Academia”
Prof. Dr. Oliver Plettenburg, IMC |
| 1:55 - 2:20 | “From deep proteome profiling to novel functional DNA-protein interactomes
- a portfolio of proteomics”
Dr. Juliane Merl-Pham, PROT |
| 2:20 - 2:45 | “Computational models for stem cell decision-making”
Dr. Carsten Marr, ICB |

2:45 - 3:15 **Coffee Break/Networking**

Radiation Research

Coordinator: Prof. Dr. Michael Atkinson, Moderator: Lisa Kreutzer, ZYTO

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| 3:15 - 3:20 | Welcome |
| 3:20 - 3:45 | “Cell communication in radiation response”
PD Dr. Simone Moertl, ISB |
| 3:45 - 4:10 | “Radionuclide transport in snow”
Dr. Kerstin Hürkamp, ISS |
| 4:10 - 4:35 | “Microbeam radiation therapy”
Dr. Stefan Bartzsch, IRT |
| 4:35 - 5:00 | “Computational radiation biology for the prediction of radiotherapy response”
Dr. Kristian Unger, ZYTO |