



Program of the GPF Symposium 2019
Mapping Cellular Microenvironments:
Proximity Labeling and Complexome Profiling



10:00-10:20 **Introduction – Christof Lenz** (GPF & UMG)

Session 1: Complexome Profiling

- 10:20-11:00 **Uwe Schulte** – Albert-Ludwigs-Universität Freiburg
High-resolution complexome profiling by cryo-slicing blue native gel electrophoresis coupled to LC-MS/MS (csBN-MS)
- 11:00-11:30 **Daniel Kownatzki-Danger** – Universitätsmedizin Göttingen
Analysis of native cardiac protein complexes by Complexome Profiling
- 11:30-12:10 **Isabell Bludau** – ETH Zürich
Complex-centric proteome profiling by SEC-SWATH-MS

Lunch break

Session 2: Advances and Applications of Proximity Labeling

- 13:10-13:40 **Ralph Kehlenbach** – Universitätsmedizin Göttingen
Proteomic mapping of proteins at the inner nuclear membrane
- 13:40-14:20 **Julien Béthune** – Universität Heidelberg
Next-generation BioID assays for the analysis of dynamic protein complexes

Coffee break

Session 3: Quantitative SILAC-BioID in *Saccharomyces cerevisiae*

- 14:50-15:20 **Lena Munzel** – Universitätsmedizin Göttingen
Mapping the interactors of yeast PROPPINs
- 15:20-15:50 **Oliver Valerius** – Georg-August-Universität Göttingen
The RACK1-proxiOME captured with BioID
- 15:50-16:00 **Closing remarks**



Please visit our homepage to view the abstracts of the talks:
<http://www.gpf.gwdg.de/GPF/GPF-events.html>

