

AGENDA

3rd Phd Scientific Workshop



Phd
PI3K biology
in health & disease

Berlin 12th April 2018



SCIENTIFIC WORKSHOP: Monitoring and manipulating phospholipids functions and signalling

Venue: FMP; Marthe-Vogt-Haus (MVH, C81); Large Seminar Room B 1.16

PROGRAMME

- 09:25-09:30 **WELCOME: Volker Haucke** (FMP, Berlin, Germany)
- 09:30-10:15 **Control of endosome dynamics and cell signalling by class III PI3K. Harald Alfred Stenmark** (UIO Institute of Clinical Medicine, Oslo, Norway)
- 10:15-11:00 **Optogenetic control of phosphoinositides. Dr. Olof Idevall-Hagren** (Uppsala University, Uppsala, Sweden)
- 11:00-11:30 **COFFEE BREAK**
- 11:30-11:50 **Phosphoinositide-Protein Interactions through Cell Cycle. Mevlut Citir** (EMBL, Heidelberg, Germany).
- 11:50-12:10 **Advanced Multicolor Superresolution Imaging of Membrane Remodelling via BAR proteins. Martin Lehmann** (FMP, Berlin, Germany)
- 12:10-12:30 **Spatial control of PI3K signaling in neurons. Britta Eickholt** (Charité, Berlin, Germany)
- 12:30-13:15 **Development of non-specific BRET-based biosensor to monitor plasma membrane inositol lipids in living cells. Péter Várnai** (Semmelweis University, Budapest, Hungary)
- 13:15-14:15 **LUNCH**
- 14:15-15:15 **Poster Session**
- 15:15-16:00 **Myotubularin Phosphoinositides Phosphatases Implication and Targeting in Neuromuscular Diseases. Jocelyn Laporte** (IGBMC, Illkirch, France)
- 16:00-16:45 **PI3K signalling during vessel growth: the importance of keeping PIP3 levels in shape. Mariona Graupera** (IDIBELL, Barcelona, Spain)
- 16:45-17:25 **ESRs' selected short talks:**
Role of phospholipids and regulating enzymes in skeletal muscles under physiological and pathological conditions. Vasugi Nattarayan (IGBMC, Illkirch, France);
Removal of recycling cargo from endosomes requires PI3KC2a mediated Rab11 activation on PtdIns(3)P positive membranes. Abhishek Derle (UNITO, Torino, Italy)
- 17:25-17:30 **FINAL REMARKS: Mariona Graupera** (IDIBELL, Barcelona, Spain)

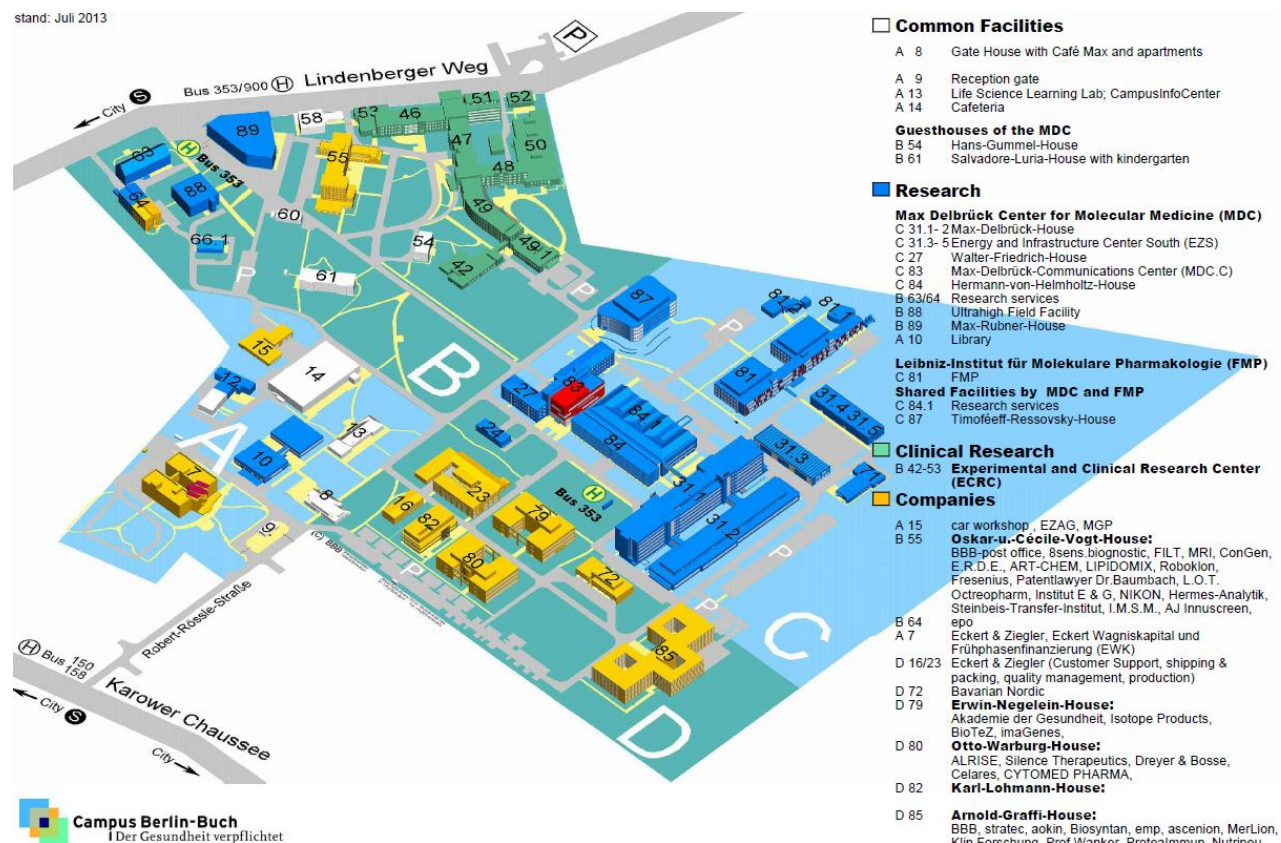
Leibniz-Forschungsinstitut für Molekulare Pharmakologie im Forschungsverbund Berlin e.V. (FMP)

Location: Campus Berlin-Buch, Robert-Roessle-Str. 10, 13125 Berlin, Germany

Workshop Venue: Large Seminar Room B 1.16. Marthe-Vogt-Haus (MVH, C81). FMP



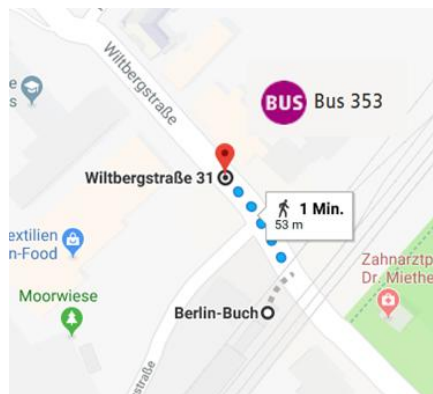
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From the City center/Hotel to FMP: you need an **AB zone ticket** (not short trip)
(<http://www.bvg.de/en/>)

Take the S-Bahn train "**S2**" with destination "Buch" or "Bernau". Get off at station *Buch*.

Take **bus 353** up to the final station *Campus Buch*. From here, you can walk to the institute.



ORGANISERS

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