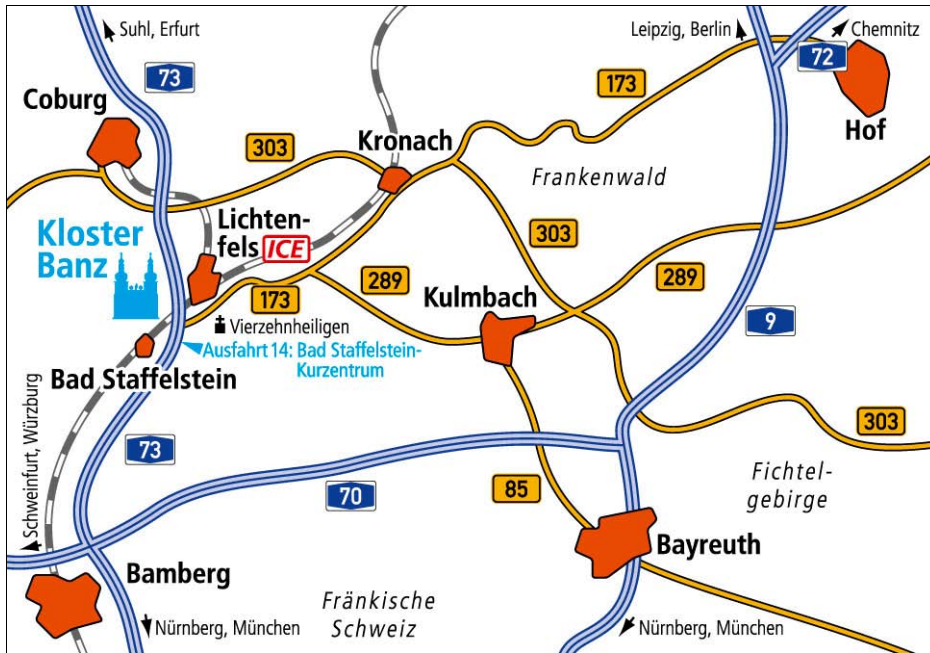


Directions to Kloster Banz



Collaborative Research Center / Transregio 124

Pathogenic fungi and their human host:
Networks of Interaction – FungiNet

Annual Meeting Program

November 11 – 12, 2014

Bildungszentrum Kloster Banz
96231 Bad Staffelstein

Room: Kutschenhalle

Journey by train:

- take the train to Lichtenfels (only by ICE) or Bad Staffelstein.

To get from the trainstation to Kloster Banz, use a taxi:

Taxi service „Dütsch“ in Bad Staffelstein: 09573 – 52 06

Taxi service „Dütsch“ in Lichtenfels: 09571 – 52 06

Journey by car:

- **From Nürnberg:** A3 to Fürth / Erlangen, then A73 to exit 14 Bad Staffelstein-Kurzentrum
- **From Schweinfurt / Würzburg:** A70 to Bamberg, then A73 to exit 14 Bad Staffelstein-Kurzentrum
- **From Erfurt / Suhl:** A73 to exit 12 Lichtenfels Nord
- **From Berlin:** A9 to exit 32 Naila, then B173 to Lichtenfels and A73 to exit 12 Lichtenfels Nord or exit 14 Bad Staffelstein-Kurzentrum

Information for GPS:

- Coordinates: 50°08'02" N / 11°00'02" O
Kloster-Banz-Straße, 96231 Bad Staffelstein

Tuesday, 11th of November 2014

- 12:00 **Project A1** Cross talk of *Aspergillus fumigatus* with neutrophilic granulocytes (Axel Brakhage)
- 12:20 **Project A2** Interaction of *Aspergillus fumigatus* with human natural killer cells, dendritic cells and human alveolar epithelia (Hermann Einsele, Jürgen Löffler)
- 12:40 **Project A3** *In vivo* analysis of temporal and spatial disease progression and immune cell recruitment during invasive *Aspergillus fumigatus* and *Candida albicans* infections (Matthias Brock, Andreas Beilhack, Katrin G. Heinze)
- 13:00 **Lunch Break**
- 14:00 **Project A4** Impact of regulatory T cells on human infections caused by *Aspergillus fumigatus* (Max S. Topp)
- 14:20 **Project A5** Comparative analysis of the Dectin1-mediated immune response in *Candida albicans* and *Aspergillus fumigatus* infections and its regulation by nuclear receptors (Hortense Slevogt)
- 14:40 **Project INF** Integrated database for experimental data – ‘OmniFung’ (Reinhard Guthke)
- 15:00 **Project B1** Modelling interactions between the host and fungal pathogens by combining metabolic pathway analysis and evolutionary game theory (Thomas Dandekar, Stefan Schuster)
- 15:20 **Project B2** Interaction networks of signalling molecules and pathways between the pathogenic fungi *Aspergillus fumigatus* and *Candida albicans* and their human host (Thomas Dandekar, Christoph Kaleta, Marcus Dittrich)
- 15:40 **Project B3** Predictive modelling of host-fungal pathogen interactions by reconstruction of gene regulatory networks (Reinhard Guthke, Ekaterina Shelest, Manja Marz)
- 16:00 **Poster session and Coffee Break**
- 17:30 **Project B4** Image data analysis and agent-based modelling of the spatio-temporal interaction between immune cells and human-pathogenic fungi (Marc Thilo Figge)
- 17:50 **Project Z2** Methods for the analysis of the spatial and temporal dynamic changes of the proteome during host-pathogen interaction (Olaf Kniemeyer)

- 18:10 **Project C1** Molecular characterisation of *Candida albicans* translocation through epithelial tissue (Bernhard Hube)
- 18:30 **Poster session**
- 19:00 **Dinner and Get-together at „Bierzimmer“**
- 20:00 Executive Board Meeting (Axel Brakhage, Hermann Einsele, Joachim Morschhäuser, Bernhard Hube, Thomas Dandekar, Hortense Slevogt)

Wednesday, 12th of November 2014

- 9:00 Plenary Meeting
- 9:20 **Project C2** Regulation of *Candida albicans* virulence traits by protein kinases (Joachim Morschhäuser)
- 9:40 **Project C3** Intrinsic modulation of neutrophil antifungal activity against *Candida albicans* (Oliver Kurzai)
- 10:00 **Coffee Break**
- 10:30 **Project C4** Mechanisms of adhesion and modulation of human immune cells by *Candida albicans* (Christine Skerka, Stefan Lorkowski)
- 10:50 **Project C5** Gastrointestinal colonisation and mechanisms of translocation of *Candida albicans* through gut mucosa (Michael Bauer, Ilse D. Jacobsen)
- 11:10 **Project C6** Role of secreted *Candida albicans* proteins in immune evasion and pathogenicity (Peter F. Zipfel, Thomas Hünig, Nilkas Beyersdorf)
- 11:30 **Poster session**
- 12:30 **Lunch**
- 13:00 **End of Annual Meeting**