



SysmedIBD Spring School 15 – 17 March 2017, Kiel, Germany

The SysmedIBD Consortium (<http://www.sysmedibd.eu/>) led by Prof. Werner Müller from University of Manchester, UK, is pleased to announce the second Spring School on Systems Medicine, which will take place in Kiel, Germany, on 15-17 March 2017. The SysmedIBD Consortium studies dynamic cell signalling pathways associated with inflammatory bowel disease by applying a systems medicine approach. The SysmedIBD Spring School is aimed towards young researchers (MD or PhD students, young post-docs or medical interns) as well as representatives from industry. The course will cover:

- RNA sequencing: application and data analysis
- Analysis of large data sets: practical examples
- Promoter and network analysis using the geneXplain platform
- Mathematical models of signaling pathways and gene-regulatory networks
- Animal models of inflammatory bowel disease
- Symptoms of Inflammatory Bowel Disease and current treatments
- Support of Patient care with the help of mobile devices
- Systems Medicine, Case studies.

The SysmedIBD Spring School will highlight the most recent developments in each topic, promoting a strong interaction between experienced trainers working in the project and trainees. Expect invited speakers in the area of Systems Medicine outside of the consortium to support the SysmedIBD Spring School. The course will take place on 15-17 March 2017 at the premises of Christian Albrecht University¹ in Kiel.

The number of trainees will be limited to 20. Participation will be free of charge. For the accommodation (3 nights) the organizers will reserve hotel rooms at convenient prices. Participants are expected to cover the costs for accommodation and travel.

The application deadline is **Friday, 20th of January, 2017**. Applications as pdf should be sent via e-mail to info@sysmedibd.eu. The participants will be selected until the end of January and will then be asked to register for the course.

For more detailed information, please contact Prof. Werner Müller, the coordinator of SysmedIBD, at the following e-mail address: werner.muller@manchester.ac.uk.

Applications should include:

1. short Curriculum Vitae in the area
2. Motivation letter for participating in the Spring School, which should indicate the academic/professional status of the applicant and short description of the research focus.

We are looking forward to your applications,

Your SysmedIBD Consortium

¹ <http://www.zmb.uni-kiel.de/index.php?page=index>