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In the summer school "Forging Trails from Cells to Hospitals - Linking Systems Biology and Precision Medicine in the Black Forest (ForCeHLSByMed)", junior researchers from the field of medical sciences and systems biology will have the opportunity to present their work and to interact with nine invited experts whose research area is at the intersection of systems biology, precision medicine and medical statistics. The focus will be on developing the participants' research agenda in systems medicine, thus strengthening the links between medical research and systems biology. This will pave the way for the knowledge gained at the cellular level to be more widely used in applications in the medical sciences. The nine invited experts from different areas of systems medicine will present current and interdisciplinary approaches in their lectures. The summer school will take place from 14th to 17th of May 2019 in the quiet and charming Black Forest near Freiburg in south-western Germany. Up to 20 junior researchers from the field of medicine, systems biology and medical data science can participate. Course participation and accommodation for the participants will be free.

## **Speakers**

Tim Beißbarth (Department of Medical Statistics, Göttingen)
Harald Binder (Institute of Medical Biometry and Statistics, Freiburg)
Martin Boeker (Institute of Medical Informatics, Freiburg)
Melanie Börries (Institute of Molecular Medicine and Cell Research, Freiburg)
Lars Kaderali (Institute for Bioinformatics, Greifswald)
Anna Köttgen (Institute of Genetic Epidemiology, Freiburg)
Oliver Schilling (Institute of Surgical Pathology, Freiburg)
Jens Timmer (Institute of Physics, Freiburg)
Olaf Wolkenhauer (Department of Systems Biology and Bioinformatics, Rostock)

## Apply by January 31, 2019

Send a CV and an abstract about your scientific project to <a href="mailto:sec@imbi.uni-freiburg.de">sec@imbi.uni-freiburg.de</a>