



# International Research Program Disease Biology and Molecular Medicine

## SYMPOSIUM

**29 November 2017, 11 am - 4 pm**

Universitätsklinikum Halle, Ernst-Grube-Strasse 40, FG 6, HS 4

**Michael Böttcher**, Max-Planck-Institut für Molekulare Genetik, Berlin

*Dissecting cancer signaling pathways using CRISPR gene perturbation approaches*

**Pavithra Chavali**, MRC Laboratory of Molecular Biology, Cambridge University, UK

*Hijacking physiological pathways for pathological outcomes*

**Maria Fedorova**, Zentrum für Biotechnologie und Biomedizin, Universität Leipzig

*Redox signaling via protein and lipid modifications - implication in CVD and metabolic disease*

**Julian König**, Institut für Molekulare Biologie, Mainz

*Genomic Views of mRNP Complex Assembly in Splicing Regulation*

**Markus Kretz**, Biochemie, Universität Regensburg

*Long non-coding RNAs regulate human epidermal homeostasis*

**Bastian Linder**, EMBL, Heidelberg

*How RNA modifications shape the transcriptome*

**Heidi Olzscha**, Department of Oncology, Oxford University, UK

*Impact of posttranslational modifications on protein quality control mechanisms in cellular signalling*

**Anja Schwenzer**, Kennedy Institute of Rheumatology, Oxford, UK

*Remodelling of the extracellular matrix during health, ageing and disease*



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