

TUM-IAS & University of Birmingham-IAS Workshop

Inorganic Chemistry meets Medicine

The Interdisciplinary Science of Using and Modulating Metals
for Imaging and Therapy



October 25–26, 2017 | TUM Institute for Advanced Study | Lichtenbergstr. 2a, 85748 Garching

At the frontiers of Bioinorganic Chemistry, the workshop will highlight recent advances and emerging directions in the development of metal-containing agents to detect and treat cancer, infectious disease, and other medical disorders. The scientific program covers a range of topics within medicinal chemistry, from the causal role metals can play in diseases, their utilization as diagnostic agents, early target validation, synthesis of inorganic medicinal agents and materials, chemical biology and analytical chemistry approaches to understanding mechanism(s) of action and off-target effects. Furthermore, translational implementation of inorganic supramolecular entities and nanomaterials for biomedical applications will be discussed. Keynote speakers will also cover complementary research domains from biophysics, pharmacology and advanced computational methods.

Organizing Committee

Angela Casini Cardiff University, UK
& TUM-IAS Hans Fischer Senior Fellow

Michael J. Hannon IAS, University of Birmingham, UK

Fritz E. Kühn Molecular Catalysis, TUM

International Keynote Speakers

Walter Berger Medical University of Vienna, Austria

Anne Duhme-Klair University of York, UK

Information and Registration

www.ias.tum.de/biomedchemistry2017