



## 第一回 超越バイオメディカルDX研究拠点 エクセレントコアセミナー

日時：令和5年4月21日（金）16:00-17:30

開催場所：JAISTイノベーションプラザ2Fシェアードオー  
プンイノベーションルーム（要予約：定員30名）

### Translation of medical device technologies – what we have learned

講演者：Dr. Helmut Thissen

Director of CSIRO's Biomedical Materials Translational Facility (BMTF)

**講演者略歴**：Helmut Thissen leads a team at the Commonwealth Scientific and Industrial Research Organisation (CSIRO) that is focused on the interdisciplinary topics of biomedical devices and regenerative medicine, and here in particular the effective control of biointerfacial interactions. He joined the premier Australian government research organisation after completing his PhD at RWTH Aachen University in Germany, where he also started to translate biomedical research into the clinic while working at the Interdisciplinary Centre for Clinical Research. While he has published more than 180 peer-reviewed journal publications and book chapters, his strong translational focus is reflected by more than 15 patent families, his role as the Director of CSIRO's Biomedical Materials Translational Facility (BMTF) and the translation of research results into multiple successful biomedical products. Apart from frequently serving as an expert evaluator for national and international institutions ranging from the NHMRC to the European Commission, he is also an Adjunct Professor at Monash University and National Taiwan University. Prestigious awards include the CSIRO Medal for Research Achievement and the Newton Turner Award for Exceptional Senior Scientists. Importantly he has served his scientific community in many different roles, including President of the Australasian Society for Biomaterials and Tissue Engineering (ASBTE), chair of multiple national and international conferences and mentor of many early career researchers.



### Exploring the Molecular Mechanisms of Protein Aggregation Inhibition with Sulfobetaine Polymer Derivatives

講演者：Dr. Robin Rajan

Assistant professor, Japan Advanced Institute of Science and Technology

**講演者略歴**：Robin Rajan received his Ph.D. from JAIST in 2016 in materials science. He also completed his first postdoctoral study at JAIST and then moved to Nanyang Technological University (Singapore) for another postdoctoral tenure. He later returned to JAIST, where he has been working since 2019 as an Assistant Professor. His research interests include polymer chemistry, organic synthesis, and biomaterials, with a focus on the effects that polymers have on cells, proteins, and other biologically relevant molecules.



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