

2018 Seminar Series

Wednesday 28th of November
12-1pm

Bio21 Institute Auditorium
30 Flemington Road, Parkville

Prof Bernd Rehm

*Centre for Cell Factories and Biopolymers (CCFB),
Griffith Institute for Drug Discovery (GRIDD), Griffith
University.*



Design of bacterial cell factories toward assembly of functional materials

Professor Bernd Rehm received his MSc (1991) and PhD (1993) in Microbiology at the Ruhr-University of Bochum (Germany). He was a Postdoctoral Fellow (1994-96) at the University of British Columbia, Canada. He did his Habilitation in Microbiology (1996-2001) and was Research Group Leader (2001-2003) at the University of Münster, Germany. He was appointed as Associate Professor (2004-2005) and Professor/Chair of Microbiology (2005-2017) at Massey University, New Zealand. Since 2017 he is Professor of Biotechnology and Director of the Centre for Cell Factories and Biopolymers at Griffith University. He is author or coauthor of >200 scientific publications (1994 until present) which were cited >10,000 times resulting in an h-index of 56. He has presented various keynote and plenary lectures at International Conferences. He is inventor or co-inventor on 58 patent applications (25 granted patents). Bernd is sole editor of five scientific books, Editorial Board Member and Editor of 12 and 4 international journals, respectively. He cofounded the biotech start-up company PolyBatics Ltd in which he took up the role as Chief Science Officer. Bernd's research focuses on the molecular mechanisms of microbial polymer synthesis and the in vivo/in vitro self-organisation of biological nano-/micro-structures. Bioengineering approaches are implemented to produce advanced materials for medical and industrial applications.

