



Dr Mark Blaskovich

Senior Research Chemist, Institute for Molecular Bioscience, UQ

Dr Mark Blaskovich is an antibiotic hunter based at the Centre for Superbug Solutions in the Institute for Molecular Bioscience at The University of Queensland, and a Principal Investigator and Program Coordinator for the Community for Open Antimicrobial Drug Discovery. Since starting at UQ in 2010, Mark has been working on developing new antibiotics to treat drug resistant pathogens and the use of modified antibiotics to detect bacterial infections. He has developed a research program focused on a theranostic platform that chemically links existing antibiotics with other antibiotics, antibiotic adjuvants, antibodies, magnetic nanoparticles and imaging moieties, creating hybrid constructs with therapeutic and diagnostic potential. Mark has extensive medicinal chemistry expertise and over 15 years of industrial drug development experience, most recently as Chief Operating Officer of Mimetica where he developed a drug that recently completed Phase 2 human clinical trials for treatment of acne. He has published over sixty research articles, authored 'The Handbook on Syntheses of Amino Acids', and is an inventor on eleven patent families with over 100 granted and pending applications.