



INTERNATIONAL SCIENCE REVIEWER



LEFT TO RIGHT: ASSOCIATE PROFESSOR SIMON SWIFT, PROFESSOR PAUL WILLIAMS AND PROFESSOR PAUL KILMARTIN

Professor Paul Williams of the University of Nottingham, United Kingdom, recently visited the BTB to perform a 3-day science review at the mid-point of the MBIE contract. As Professor of Molecular Microbiology and a Wellcome Trust Senior Investigator in the School of Life Sciences, Paul has an international reputa-

tion in 1) regulation of gene expression in bacteria through cell-to-cell communication (quorum sensing) and 2) the discovery and development of novel antibacterial agents and bacterial biofilm resistant polymers. His work has resulted in over 320 publications, 10 patents and has attracted £26.5M of research investment over the last 10 years.

Paul's days with the Biocide Toolbox were packed end-to-end with presentations on research progress and discussions with individual BTB staff and PhD students. His report noted that good progress had been made in establishing multi-centre BTB collaborations, progressing the discovery and development of multiple novel biocides and equipping a new generation of scientists with relevant interdisciplinary skills. He also shared some useful ideas on new lines of research and how to standardize and accelerate our microbial assays to attract further industry collaboration. While in Auckland, Paul also gave invited talks on his work at the 2-day 2017 PERC-BTB Symposium and the 2017 Annual Meeting of the New Zealand Microbiological Society.

CONGRATULATIONS



PROFESSOR JADRANKA TRAVAS-SEJDIC, FELLOW OF THE ROYAL SOCIETY TE APĀRANGI

Jadranka has made significant contributions to the research fields of polymeric electronic materials for biosensors and bioelectronics. Her research into biosensing has focused on the development of hand-held, in-field detection systems for fast, label-free, direct electrical sensing of biological molecules and small molecular targets of biological interest.

PHD STUDENT CHLOE CHO GETS MANUSCRIPT PUBLISHED

Chloe, supported by BTB team members Janesha Perera, Prof Ralph Cooney, A/Prof Duncan McGillivray, D/Prof Margaret Brimble, A/Prof Simon Swift and Dr Jianyong Jin, has just published a manuscript in the leading peer-reviewed *Biomacromolecules* journal: "Molecular Weight and Charge Density Effects of Guanidinylated Biodegradable Polycarbonates on Antimicrobial Activity and Selectivity" (<http://pubs.acs.org/doi/pdf/10.1021/acs.biomac.7b01245>)

