



# BIOCIDE TOOLBOX

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## SUCCESSFUL INTERNATIONAL PARTNERSHIP



DISTINGUISHED PROFESSOR  
MARGARET BRIMBLE



DR PATRICK CAHILL



ASSOCIATE PROFESSOR JO-  
HAN SVENSON



**B**iocide ToolBox researchers Distinguished Professor Margaret Brimble (School of Chemical Sciences) and Dr Patrick Cahill (Cawthron Institute) were recently successful in procuring \$78K from the Royal Society of New Zealand's Catalyst fund, for a project entitled "Short Peptides as Marine Anti-Fouling Agents".



This grant will be used to establish stronger collaborative links between BTB and Associate Professor Johan Svenson of RISE, Sweden, a globally acclaimed institute specializing in the development of new antifouling solutions. It will directly facilitate an international exchange where A/Prof Svenson, a leader in marine chemistry, who will visit New Zealand in 2018. RISE will host Distinguished Professor Brimble in Sweden in 2019.

A/Prof Johan Svenson has a Ph.D. in organic chemistry from the University of Kalmar (Sweden) focused on tailor made synthetic enzymes and antibodies. Johan's main research areas of interest are Medicinal chemistry, Marine natural products, Marine biotechnology, Antifouling and Peptide chemistry.



### RISE – The Swedish Research Institute

The RISE institutes Innventia, SP Technical Research Institute of Sweden, and Swedish ICT have merged in order to become a stronger research and innovation partner. Through their international collaboration programmes with academia, industry, and the public sector, they ensure the competitiveness of the Swedish business community on an international level and contribute to a sustainable society.

We would also like to take the opportunity to welcome Thomas Grant to the Biocide ToolBox. Thomas will be starting his PhD under the supervision of D/Prof Brimble (along with co-supervisors A/Prof Svenson, Dr Cahill and Dr David Rennington), working in the area of marine antifouling. The RSNZ Catalyst fund will also enable Thomas to visit RISE during his PhD.



PHD STUDENT THOMAS GRANT

BTB supported by MBIE



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