

**RESEARCH VISIT TO THE UNIVERSITY OF DUNDEE, DIVISION OF
ENVIRONMENTAL AND APPLIED BIOLOGY, SCHOOL OF LIFE
SCIENCES, SCOTLAND, UK**

7-31.1.2007



<http://www.dundee.ac.uk/>

The research visit to the University of Dundee to Professor Geoffrey A. Codd's laboratory was carried out 7-31.1.2007. Prof. Codd's laboratory has been working with the development of cyanotoxin detection and analytical methods as well as the role of these toxins in poisonings of animals, birds and fish. Furthermore the adverse human and animal health outcomes of exposure to cyanotoxins, their occurrence in water resources at concentrations above health guideline values, and toxicity assessments are of importance.



My main research interest is to study the ability of food grade probiotic bacteria to remove cyanotoxins from aqueous solutions. The aim of the research visit was to be able to localize microcystins in lactic acid bacterial cells by immunogold labelling of toxins and visualization by transmission electron microscopy. In addition, the toxins were analyzed by ELISA using microcystin-LR antibodies. The research visit was very useful and interesting and the results obtained are valuable for the progress of my research work. The co-operation with the University of Dundee will continue this spring.

The research visit was made possible by financial support from Finland's Adelsförbund rf, National Graduate School in Informational and Structural Biology and Biocity Systems Biology Research Program.

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