

# Seminar

## **Dr Mike Packer**

Cawthron Institute  
Nelson

### **Algal hydrogenase: Biological Platinum**

-12.15pm-

-Thursday 2<sup>nd</sup> March 2006-

- Cotton 304, Victoria University of Wellington-

-Video Conference Room, C-Block, IRL, Gracefield Site, Lower Hutt-

-Level-3 lecture theatre (A309), ELEC Dept Building, Canterbury University-

-Turitea R1.07, Massey University-

-Conference Room 2, Otago University-

In this presentation, I will give a brief overview of the fields of science I have been involved with as a biochemist and cell biologist. I will then describe two projects I am involved with which might interest the diverse members of the Institute.

In particular, I will focus on describing work I am just beginning involving algal hydrogenase and my plans to incorporate it in electrochemical devices. I will also briefly discuss some work I am doing where I'm looking at enzymes from marine micro-organisms that are able to generate oligomers of seaweed polysaccharides for the functionalisation of glycodendrimer nanoparticles with potential biomedical uses.



**The MacDiarmid Institute**

*for Advanced Materials and Nanotechnology*