

Current Aspects of Environmental Microbiology

A one-day symposium for the International Course on the
Ecology and Diversity of Marine Microorganisms
organized by the Departments of Microbiology and Oceanography at the University of
Concepción, Chile

Friday, December 12, 2003

Auditorio Alejandro Lipschütz (morning) and Auditorio Sergio Mancinelli (afternoon)
Facultad de Ciencias Biológicas, Universidad de Concepción

Symposium Organizers:

Bernardo González (Pontificia Universidad Católica de Chile)

Carlos Smith & Osvaldo Ulloa (Universidad de Concepción)

Mini – Symposium Program

- 10:00 - 10:10 **Welcome** (B. González, C. Smith, O. Ulloa)
- 10:10 - 11:00 **Gerardo González** (Universidad de Concepción) - "Antibiotic resistance and integrons among aquatic Gram-negative bacteria"
- 11:00 - 11:30 **Coffe Break**
- 11:30 - 12:20 **Margarita Carú** (Universidad de Chile) - "Genetic structure in populations of *Frankia* in the actinorhizal symbioses"
- 12:20 - 13:10 **Bernardo González** (P. Universidad Católica de Chile) - "Effect of atrazine and 2,4-D derivatives in the soil microbial community"
- 13:10 - 15:00 **Lunch**
- 15:00 - 15:50 **Homero Urrutia** (Universidad de Concepción) - "Structure and function of anaerobic biofilms"
- 15:50 - 16:40 **Mónica Vásquez** (Universidad de Chile) - "Production of paralytic shellfish toxins by marine bacteria and freshwater cyanobacteria"
- 16:40 - 17.10 **Coffe Break**
- 17:10 - 18:00 **Kurt Hanselmann** (University of Zuerich) - "Evolution of microbial ecosystems"

The symposium is sponsored by: The Center for Advanced Studies in Ecology and Biodiversity (CASEB) and the Center for Oceanographic Research in the Eastern South Pacific (COPAS)