

Student Minisymposium on  
**DISCOVERIES IN MICROBIAL ECOLOGY**

A one-day Symposium offered by the Students of the 8<sup>th</sup> International Course on the  
“Ecology and Diversity of marine Microorganisms (ECODIM)”

Friday, January 24, 2014

PIMEX Lecture Room, Dichato

Guests are welcome

**Symposium Program - Paper Presentations**  
(The posters are available in the shared course folder in OLAT)

09.25 Introduction

Kurt Hanselmann  
ETH Zürich

**Session 1:**

**Conveners:** **Francisco Diaz**, Department of Ecology, Pontifical Catholic University of Chile, Santiago, Chile.  
**Juan Pablo Espinoza**, Microbial Oceanography Laboratory, Universidad de Concepción, Chile

09.30 **TITLE: Viruses regulate microbial Communities in the Surface Ocean in the Upwelling System off Central Chile.**

Presented by

**Derly Andrade Molina**, Microbial Ecology. Pontificia Universidad Católica de Chile, Santiago, Chile

**Angel Rain Franco**, Graduate Program in Oceanography, Department of Oceanography, University of Concepción, Chile

**Jorge-Roberto Palacios**, Department of Microbiology and Virology. Faculty of Biology. University of Havana, Cuba

**Session 2:**

**Conveners:** **Raquel Rodríguez Martínez**, Instituto de Ciencias del Mar (CSIC). Barcelona. España and **Natascha Menezes Bergo**, Microbial Ecology, University of São Paulo, Brazil

**10.45 TITLE: PIC MA' VIRUS: Exploring Picoeukaryotic Viruses in Marine Upwelling Systems**

Presented by

**Sabina Mesa-Campbell Eysymontt**, Algae laboratory, Department of Ecology, Pontificia Universidad Católica de Chile, Santiago,

**Angelina Estrada**, Universidad Arturo Prat, Iquique, Chile

**Nadia Regina Galindo Cabello**, Microbial Ecology Laboratory, Universidad Nacional de San Marcos, Lima, Perú

**María Consuelo Gazitúa**, Center for Genomics and Bioinformatics, Universidad Mayor, Santiago, Chile

12.30 Lunch break

**Session 3:**

**Conveners:** **Derly Andrade Molina**, Microbial Ecology. Pontificia Universidad Católica de Chile, Santiago, Chile  
**Angel Rain Franco**, Graduate Program in Oceanography, Department of Oceanography, University of Concepción, Chile

**13.00 TITLE: Are Nitrate and Phosphate limiting Growth of Pico-Phytoeukaryote Assemblages in the seasonal coastal Upwelling Zone off Central Chile?**

Presented by

**Francisco Diaz**, Department of Ecology, Pontifical Catholic University of Chile, Santiago, Chile.

**Juan Pablo Espinoza**, Microbial Oceanography Laboratory, Universidad de Concepción, Chile

**Francisco Galvis**, Marine Science Department. The Oceanographic Institute of Ecuador Navy (INOCAR), Guayaquil, Ecuador

**Session 4:**

**Conveners:** **Nadia Regina Galindo Cabello**, Microbial Ecology Laboratory, Universidad Nacional de San Marcos, Lima, Perú  
**María Consuelo Gazitúa**, Center for Genomics and Bioinformatics, Universidad Mayor, Santiago, Chile

**14.15 TITLE: Response of the microbial Community of the Oxygen Minimum Zone (OMZ) in the SE Pacific, Chile, to upwelling Conditions: empirical and molecular Approaches**

Presented by

**Valeria Ana Guinder**, Plankton Ecology Area, Instituto Argentino de Oceanografía (IADO-CONICET), Argentina

**Maria Josefa Verdugo**, Graduate Program in Oceanography, Department of Oceanography, University of Concepción, Chile  
**Raquel Rodríguez Martínez**, Instituto de Ciencias del Mar (CSIC). Barcelona. España  
**Natascha Menezes Bergo**, Microbial Ecology, University of São Paulo, Brazil

15.30 **General discussion and evaluation of the presentations**

**Conveners:**

**Jorge-Roberto Palacios**, Department of Microbiology and Virology. Faculty of Biology. University of Havana, Cuba  
**Francisco Galvis**, Marine Science Department. The Oceanographic Institute of Ecuador Navy (INOCAR), Guayaquil, Ecuador

15.45 **Summary and Outlook:**

**How can we make use of the research results?**

**Nicole Trefault**

Centro de Genómica y Bioinformática, Facultad de Ciencias, Universidad Mayor, Santiago, Chile and

**Rodrigo De la Iglesia,**

Laboratorio de Microbiología Marina, Pontificia Universidad Católica de Chile, Santiago, Chile

16.00 **End of Symposium**



FACULTAD DE CIENCIAS



Eighth Latin American Microbiology Postgraduate Course on "Ecology and Diversity of marine Microorganisms", (ECODIM-VIII), offered by the Austral Summer Institute, University of Concepción & the Pontificia Universidad Católica de Chile, January 6 - 26, 2014 at Dichato, Chile