

Aims and Scope

Arctic, antarctic, and alpine environments are characterized by low temperatures and are thus colonized by microorganisms that have evolved a series of adaptations to survive and grow successfully in these cold ecosystems.

It is the objective of this meeting to bring together scientists and professionals to discuss all aspects of psychrophilic and cold-tolerant microorganisms, to address recent developments and exchange ideas and experiences.

Conference Program

The conference topics for oral and poster sessions are

- A Ecology and biodiversity of cold terrestrial and aquatic ecosystems
- B Biogeochemistry and nutrient cycling in cold ecosystems
- C Biotransformation and biodegradation of biopolymers and xenobiotics at low temperature
- D Physiology and metabolism of psychrophiles: Biochemistry, molecular biology, structural biology and stress responses, etc.
- E Genetic approaches: Genomics, proteomics, and metabolomics of growth in the cold
- F Biotechnology: Bioremediation of contaminated cold environments, cold-active enzymes, genetic tools, etc.
- G Astrobiology
- H Methods in alpine and polar biosciences: Sampling, sample storage, isolation and cultivation techniques, etc.

An excursion to a glacier close to Innsbruck will give you an impression of a typical cold alpine environment.

Venue

Innsbruck, the provincial capital of Tyrol (Austria), is situated in the center of the Alps in the heart of Europe (www.innsbruck.info). The conference will be held at the Hilton hotel, which is ideally situated in the center of the town.

Travel

All international trains stop at Innsbruck Hauptbahnhof (www.oebb.at). Scheduled flights well as charter flights from many major European cities fly to Innsbruck Airport. The international airport Munich is an alternative for coming to Tyrol. The best way to get from Munich airport to Innsbruck is to travel (approx. 2 h) with an airport shuttle (www.airport-transfer.com).

Accommodation

A block of rooms will be available at the Hilton hotel (conference venue) and other hotels in Innsbruck at a special rate for conference participants. More information can be found at www.alpine-polar-microbiology2006.at.

Registration

The registration fee includes attendance at all presentations, a copy of the abstract book, all coffee breaks and four lunches including beverages. To register, please download the registration form and payment instructions from our website.

Fee	Early Registration (by Dec 20, 2005)	Late Registration
Participant	280 €	330 €
Student	200 €	250 €

Call for Abstracts

The deadline for abstract submission is **November 1, 2005**. To submit an abstract, please download instructions for the preparation of abstracts from our website and send a MS-Word file as attachment to info@alpine-polar-microbiology2006.at. Please specify whether you wish to give an oral or poster presentation.

Deadlines

Submission of Abstracts: [November 1, 2005](#)
Grant Application: [November 1, 2005](#)
Early Registration: [December 20, 2005](#)

Young Scientists Grants

Young microbiologists and students from developing countries can apply for grants sponsored by the International Union of Microbiological Societies (IUMS). The applicant should be a graduate student in the final year of their PhD study or a young postdoctoral fellow with less than three years post-doctoral training. Applicants are expected to participate in the conference by giving an oral or poster presentation. The deadline for application is **November 1, 2005**. Please submit applications to the local Organizer (see Contact), not to IUMS.



International Scientific Committee and Speakers

Joan Braddock (University of Alaska, USA)
Rick Cavicchioli (University of NSW Sydney, Australia)
Jody Deming (University of Washington, USA)
Julia Foght (University of Alberta, Canada)
Charles Gerday (University of Liège, Belgium)
David Gilichinsky (Academy of Sciences, Russia)
Charles Greer (CNRC Montreal, Canada)
Max Häggblom (Rutgers University, USA; Arctic Microbiology Research Consortium, Finland)
Rosa Margesin (University of Innsbruck, Austria)
Nick Russell (Imperial College London, UK)
Franz Schinner (University of Innsbruck, Austria)
James Tiedje (Michigan State University, USA)
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Contact and Organization

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In cooperation with

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**International
Union of
Microbiological
Societies**



International Conference on Alpine and Polar Microbiology

Innsbruck, Austria, 27-30 March, 2006

Second Announcement