

## Details on the Event

### Conference and Exhibition Area Location

Helmholtz-Zentrum München,  
Lecture Hall Building  
Ingolstädter Landstraße 1,  
D-85764 Neuherberg  
Germany

For details and update, please visit the conference website.

### Guided Tours on Helmholtz-Zentrum Campus

- **Thursday, 4 February 2010**  
16:00 – 17:00 Meeting point in front of lecture hall  
Bavarian evening
- **Wednesday, 3 February 2010**  
20:15 Hofbräuhaus München, Grand Hall in  
the Attic

### Registration on Conference website:

[www.alpsbiocluster.eu/events](http://www.alpsbiocluster.eu/events)

Look for "3<sup>rd</sup> Alps Bio Cluster Event Munich". You will receive confirmation of your participation by email at the address given during registration.

**Deadline: 15 January 2010.**

### Conference Fees

The conference participation is free, including conference documentation. Vouchers for meals, social events and guided tours are available at the registration desk.

### Conference Time

- **Wednesday, 3 February 2010**  
12:15 – 18:45 Presentations  
11:00 – 18:45 Exhibition
- **Thursday, 4 February 2010**  
8:30 – 17:00 Presentations  
8:30 – 16:00 Exhibition

### Organization

For the Alps Bio Cluster  
Consortium:  
Prof. Dr. Peter Schröder  
Abteilung Mikrogen-  
Pflanzenwechselwirkung  
Helmholtz-Zentrum München  
Ingolstädter Landstraße 1  
85764 Neuherberg  
[www.helmholtz-muenchen.de](http://www.helmholtz-muenchen.de)

### Support to Organization

GründerRegio M e.V.  
Westendstr. 123 / EG  
D-80339 München  
[www.gr-m.de](http://www.gr-m.de)



HelmholtzZentrum münchen

Deutsches Forschungszentrum für Gesundheit und Umwelt

## Social Programme and Accommodation

### Hotels and Accommodation

On the website of the event you will find a list of recommended hotels in the North of Munich, close to the local transport system as well as to the city centre. Ranges for prices and ratings are indicated. **Please consider early reservation.**

An organized bus transport will pick up and drop participants and speakers at and from these hotels. Keyword for reservations "Alps Bio Cluster Winter Seminar". Details will be communicated in due time on the homepage.

### Public Transport in Munich

For information on timetables, means of transport and how to find your way, please visit [www.mvv-muenchen.de](http://www.mvv-muenchen.de)



Quelle: BBMC Tobias Ranzinger

### Bavarian Buffet and Music

Wednesday, 3 February 2010

20:15 Hofbräuhaus München

### Guided Tour at Helmholtz-Zentrum München

Thursday, 4 February 2010

16:00 – 17:00 Tour will leave from meeting point at lecture hall. The following institutes and laboratories will be visited

- Lysimeter
- Sun simulator and climate chambers
- Biogeochemistry and analytics
- Gene analysis centre

Please register online in advance.

## Alps Bio Cluster Project Partners



### Lead Partner

Adebag, Grenoble, F  
Contact: Valérie Ayache,  
[ayache@adebag.org](mailto:ayache@adebag.org)  
[www.adebag.org](http://www.adebag.org)

### Partners

BioAlps, Geneva, CH  
Contact: Jean-Claude Villetaz,  
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[www.bioalps.org](http://www.bioalps.org)

BioIndustry Park del Canavese,  
Piedmont, I

Contact: Alberto Baldi,  
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[www.bioindustryPark.eu](http://www.bioindustryPark.eu)

Hochschule Weihenstephan Triesdorf  
University of applied sciences, D  
Contact: Prof. Dr. Franz Thurner,  
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[www.hswt.de](http://www.hswt.de)

Helmholtz-Zentrum München  
für Gesundheit und Umwelt,  
München, D

Contact: Prof. Dr. Peter Schröder,  
[peter.schroeder@helmholtz-muenchen.de](mailto:peter.schroeder@helmholtz-muenchen.de)  
[www.helmholtz-muenchen.de](http://www.helmholtz-muenchen.de)

Innovhub – Special Agency for  
innovation of Milan Chamber of  
Commerce, Milan, I  
Contact: Maria Tumati,  
[tumati.mara@mi.camcom.it](mailto:tumati.mara@mi.camcom.it)  
[www.innovhub.it](http://www.innovhub.it)

Lyonbiopôle - World competitive  
cluster and work centre of excellence  
in vaccines and diagnostic, Lyon, F  
Contact: Kevin Romani,  
[kevin.romani@lyonbiopole.com](mailto:kevin.romani@lyonbiopole.com)  
[www.lyonbiopole.com](http://www.lyonbiopole.com)

Tiroler Zukunftsstiftung, Innsbruck, A  
Contact: Philipp Wechner,  
[philipp.wechner@zukunftsstiftung.at](mailto:philipp.wechner@zukunftsstiftung.at)  
[www.zukunftsstiftung.at](http://www.zukunftsstiftung.at)



Alps Bio Cluster  
Biotech and Medtech in Alpine Space

## Access to Conference Sites

### Helmholtz-Zentrum München

Lecture Hall Building  
Ingolstädter Landstraße 1  
D-85764 Neuherberg  
Germany  
[www.helmholtz-muenchen.de](http://www.helmholtz-muenchen.de)

### Access by Car / Taxi

From main station Munich by Taxi or car via Autobahn Deggendorf-München, direction Stuttgart, exit Neuherberg, 30 min to the Helmholtz-Zentrum München (about 50 €).

### Access by Public Transport

From Franz-Joseph-Strauß Airport Munich with S-Bahn Lines S1 or S8.

- S-Bahn S1 to stop "Feldmoching", with taxi or Metro U2 to station "Am Hart". From there bus 294, direction Garching-Hochbrück, (bus runs every 20 min – but only hourly between 10 a.m. and 3 p.m.) to station "Neuherberg, Forschungszentrum", or
- S-Bahn S8 to central station "Hauptbahnhof", from there U2 to station "Am Hart", then bus 294 like above. Note: Since bus 294 runs only hourly between 10 a.m. and 3 p.m., it might be easier to take a taxi from "Feldmoching" to the Helmholtz-Zentrum München.

### Organized Bus

Wednesday afternoon as well as on Thursday morning and late afternoon, participants will be picked-up and transported by bus to the Seminar or city centre.

### Parking and Access by Car

Cars are to be parked at the parking lot right at the entry gate of the research centre in front of the entrance building. For exhibitors there is a temporary access to the research centre after signing up at the entry gate.

For details, visit the conference website.

### Hofbräuhaus München

Platzl 9, 80331 München  
[www.hofbraeuhaus.de](http://www.hofbraeuhaus.de)

### Access by public transport only

Exit at metro / S-Bahn stop "Marienplatz", from here about 10 min to walk.



Quelle: BBMC Tobias Ranzinger

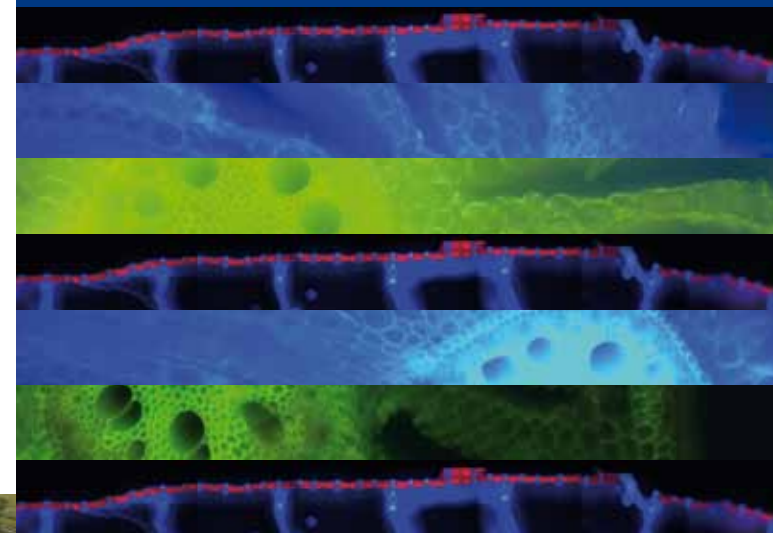


Alps Bio Cluster  
Biotech and Medtech in Alpine Space

3<sup>rd</sup> Alps Bio Cluster Event with Exhibition Area

## Environmental Biotechnologies to Improve Human Health and Quality of Life

Solutions for the Alpine Space



3 – 4 February 2010

Helmholtz-Zentrum München, Neuherberg

HelmholtzZentrum münchen  
Deutsches Forschungszentrum für Gesundheit und Umwelt



THIS PROJECT IS CO-FUNDED BY THE  
EUROPEAN REGIONAL DEVELOPMENT FUND  
Investing in your future

## Welcome to the 3<sup>rd</sup> Alps Bio Cluster Event

Environmental biotechnologies are the most rapidly growing and changing markets in Europe. Be they green, grey, white or red, they are of paramount importance to keep our environment healthy and worth living for future generations. Today it is ever so important to find new options to detect pollutants and threats, to reduce risks, and to develop novel bio-based technologies for safe food, clean water and sustainable energy supply. For the Alpine Space, where environmental issues have been a permanent worry, new methods and ways of cooperation have to be found to match these increasing requirements.

On this background the Alps Bio Cluster focuses on specific problems of the Alpine Space with its main topics "autonomy and healthcare" and "new diagnosis and therapies".

To bring key players, experts and end users together, Alps Bio Cluster organizes a series of events, where new trends and methods in the biotech and medtech sector are presented and discussed. As a third event in the series, we invited from the Alpine Region, but also from abroad to present the latest expertise on beyond solving environmental and health-related problems in the Alps.

Besides reporting on the latest challenges, methods and solutions for the future, this winter seminar will provide regional companies an unique opportunity to present their profiles and discuss with research experts, competitors, and partners.

The seminar is organized at the Helmholtz-Zentrum München – the German Research Centre for Environmental Health, where participants will also have the opportunity to visit selected institutes, discuss with international experts, get first hand information about patents and licensing, as well as about upcoming opportunities for EU-funding.

**Come and join us for this two-day event – we are looking forward to welcome you in Munich.**

*Ayache* *Peter Schröder*



Valérie Ayache,  
Coordinator,  
ADEBAG

Peter Schröder,  
Local organizer,  
Helmholtz-Zentrum  
München



## Environmental Biotechnologies to Improve Human Health and Quality of Life Solutions for the Alpine Space

Wednesday, 3<sup>rd</sup> February 2010

- 11.00 Registration & Snacks  
12.15 Welcome – Scope and topics of the seminar  
Valérie Ayache, Adebag / Grenoble and Prof. Dr. Peter Schröder, Helmholtz-Zentrum München

### Pollutants in the Alpine Space

- 12.30 – 14.30 Impact of pollutants in the Alpine Space – a case study on PAH  
Dr. Claudio Belis  
Impact of wood combustion on the concentrations and composition of ambient particulate matter  
Dr. Jürgen Schnelle-Kreis  
Monitoring persistent organic pollutants in Switzerland  
Dr. Rolf Herzig  
Plant community changes and pollution regimes in alpine regions  
Prof. Alexander Lux

Coffee Break & Poster Viewing

### Novel Diagnostic Tools

- 15.00 – 17.30 Detection of heavy metals in biological matrices using PIXE  
Dr. Paula Pongrac  
Use of isotopes for pollution detection  
Dr. Heinrich Eisenmann  
Antibodies for the detection of environmental threats  
Dr. Petra Krämer  
Novel analytical techniques for complex matrices and multiple pollution  
Prof. Touradj Solouki  
17.45 Plenary lecture: Functional components in hops  
Dr. Martin Biendl  
18.30 Happy hour in the poster exhibition  
19.00 Transfer to the hotel / Social event



Thursday, 4<sup>th</sup> February 2010

### Solutions for Pollution Problems

- 8.30 – 10.30 Constructed wetlands for small communities  
Dr. Günter Langergraber  
Breeding plants for biotechnological applications  
Dr. Andre Gerth  
Heavy metal contamination and options for food & feed fortification  
Prof. Elena Maestri  
Design of bioreactors for bacterial and cell culture fermentation  
Prof. Franz Thurner

Coffee Break & Poster Viewing

### Utilizing Novel Green Biotechnologies

- 11.00 – 13.00 Climate change: establishing environmental stress resistance in trees  
Prof. Avi Golan  
Plants as tools for pollution detection and phytoremediation  
Dr. Muriel Raveton  
From green to clean – options for phytoremediation and phytoextraction  
Dr. Jean-Paul Schwitzgubel  
Bioenergy options: diesel, ethanol or chips?  
Prof. Pat Harvey  
13.00 – 13.15 Final discussion  
Lunch  
14.15 – 15.45 Poster session, Face-to-face meetings  
Coffee To Go  
16.15 – 17.15 Visit of institutes at the HMGU

- 16.15 – 17.15 Guided tour to institutes at Helmholtz-Zentrum München
- Lysimeter
  - Sun simulator and climate chambers
  - Biogeochemistry and analytics
  - Gene analysis centre
- 17.30 Official end of winterseminar

Friday, 5<sup>th</sup> February 2010

- 8.30 Internal Alps Bio Cluster consortium meeting



## Exhibition Area

### Exhibition Area

An exhibition area for companies will be provided in front of the lecture hall on both days of the winter seminar. This is a quick and easy chance to present your company, discuss latest developments in the biotech sector, find new partnerships and cooperations and establish new methods and trends in your business. Small and medium-sized enterprises and research / education institutions will present their profiles, services and products on environmental monitoring, biotechnologies and concepts to improve human health and quality of life.

### Meet experts face-to-face

For face-to-face meetings, contacts to research and the Alps Bio Cluster partner regions, companies are highly welcome to join in. The coffee and lunch time breaks offer time for exchange with the research community.

### Poster Wall

Exhibitors from companies will receive a poster wall suitable for hanging an A0-sized poster, a bistro table and a chair. There are no fees charged.

**Please register your poster on [www.alpsbiocluster.eu/events](http://www.alpsbiocluster.eu/events).**

The following institutions and initiatives confirmed their attendance:

- Ascenion
- Alps Bio Cluster Network
- Alpine Space Programme Office
- Bayern Innovativ
- Biotechnologie Cluster Bayern
- GründerRegio M
- Hochschule Weihenstephan Triesdorf

