



ESAO

Winter School 2006

26.-28.01.2006

An Activity of the ESAO Working Group of Education
in Artificial Organs and Regenerative Medicine

Members: Dieter Falkenhagen (Chairman), Klaus Affeld, Juan F. del Canizo, Udo Losert, Khosrow Mottaghy, Momir Polenakovic, Gerhard Rakhorst, Rui Reis, Igor Sauer, Heinrich Schima, Bernd Stegmayr, Raymond Vanholder, Jörg Vienken

Hochkitzbühel
Am Hahnenkamm
A-6370 Kitzbühel



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ORGAN REPLACEMENT: LEARNING INNOVATIVE TECHNOLOGIES

26.01.2005

16.30-17.30: **Chairman: G. Rakhorst**

Keynote Lecture:

F. Emmrich: Cell Therapy for Organ Recovery

27.01.2005

8:30-12:00 **Chairmen: D. Falkenhagen, U. Losert**

Tissue Engineering

The Cell in natural and artificial environment

8.30- 9.00 A. Bader: Cell Biology: An Update

9.00- 9.30 A. Guse: Signal Transduction

9.30-10.00 R. Eils: Systems Biology

Coffee Break 10.00-10.30

Tissue engineering

10.30-11.00 R. Reis: Materials for Tissue Engineering

11.00-11.30 C. J. Kirkpatrick: Basics of the Cell Material Interaction

11.30-12.00 P. Lelkes: Tissue Engineering for Organ Repair

End of the Session 12.00

16.30-17.30 **Chairman: B. Walpoth**

Keynote Lecture:

S. Minger: Stem Cells and Organogenesis

28.01.2005

8:30-12:00 **Chairmen: H. Schima, R. Mottaghy**

Nanotechnology

Introduction in Nanotechnology

8.30- 9.00	G. Springholz: Basics of Nanotechnology:
9.00- 9.30	H. Kurz: Fabrication of Micro- and Nanostructures
9.30-10.00	F. Prinz: Characterization and Imaging of Nanostructures

Coffee Break 10.00-10.30

Nanotechnology in Medicine

10.30-11.00	O. Hayden: Nanomedicine – New Possibilities for Diagnostics and Therapy
11.00-11.30	U. Sleytr: Nanobiotechnology - An Interdisciplinary Challenge
11.30-12.00	H. Mertsching: Nanoparticle Systems - Special Indications in Medicine

End of the Session 12.00

16:30-17:30 **Chairman: R. Reis**

Keynote Lecture:
J. Ryan: Nanosensors

Hotels pre-reservations between 26.-29.01.2006



Gasthof Eggerwirt KG
Gänsebachgasse 12
6370 Kitzbühel

€67,--/night & breakfast



Hotel Kitzhof
Schwarzseestr. 8-10
6370 Kitzbühel

€ 99,--/night & breakfast



Sporthotel Mayr-Reisch
Franz Reisch Strasse 3
6370 Kitzbühel

€99,--/night & breakfast



Active Sunny Hotel Sonne
Seestraße 15
6365 Kirchberg bei Kitzbühel

€105,50/night & breakfast



Hotel Seebichl
Seebichlweg 37
6370 Kitzbühel

€ 73,--/night & breakfast



Hotel Tiefenbrunner
Vorderstadt 3
6370 Kitzbühel

€ 120,--/night & breakfast

booked up

E S A O - Winter School 2006

26.-28.01.2006

Hochkitzbüchel, Am Hahnenkamm, A-6370 Kitzbüchel

Registration form

Family Name, Title:

First Name:

Institute:

Address:

Postale Code: City: State: Country:

Tel./Fax:

E-mail:

Registration fee

Member of ESAO, ESEM, ESOT, TERMIS or ASAIO:	€200,--
Non-Member:	€250,--
Students:	€100,--
Participants from non-EC East European Countries:	€100,--

Accommodation

Price including breakfast

Gasthof Eggerwirt €67,--	Hotel Kitzhof €99,--
Sporthotel Mayr-Reisch €99,--	Hotel Seebichl €73,--
Active Sunny Hotel Sonne €105,50	Hotel Tiefenbrunner €120,--

Check in date, ceck out date:

Your preferred hotel:

Pelase fill in the form and reply to :

ESAO office (office times 8 a.m.-11a.m.):

Anita Aichinger, Dr. Karl Dorrek Str. 30, 3500 Krems, Austria

Tel.: ++43-(0)2732/893-2633 Fax: ++43-(0)2732/893-4600

E-mail: anita.aichinger@donau-uni.ac.at homepage: www.esao.org

Payment procedure

1. Bank Transfer

account name: ESAO

address: Donau Univ. Krems
Dr. Karl Dorrek Str. 30
A-3500 Krems

Account number: 0397-32615/00

Bankcode: 12000

Name of the bank: Creditanstalt Krems
Dinstlstrasse 3

A-3500 Krems, Austria

IBAN: AT30 1100 0039 7326 1500

BIC: BKAUATWW

**Please do not forget the comment:
Winterschool-ESAO and your name**

2. Credit Card

Cardholder name:.....Expiry date:.....

- American Express
- Visa Card
- Euro/Mastercard
- Diners

Please find enclosed the following amount:

Registration: €.....

Hotel: €.....

Total: €.....

Date:

Signature:

List of Speakers:

Prof. A. Bader, Head of the Center of Celltechnology and Steam Cell Biology, University of Leipzig BBZ, Leipzig, Germany

Prof. Dr. R. Eils, Head of the Division of Theoretical Bioinformatics, German Cancer Research Center, Heidelberg, Germany

Prof. Dr. F. Emmrich, Director of the Institute of Clinical Immunology and Transfusion, University of Leipzig, Germany

Prof. Dr. A. Guse, Deputy Director Head Calcium Signalling Group, Inst. of Biochemistry and Molecular Biology I: Cellular Signal Transduction, Center of Experimental Medicine, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

Dr. O. Hayden, Research Area for Nanoscale Science and Devices, Zurich Research Laboratory, IBM Research GmbH, Rüschlikon, Schweiz

Prof. Dr. J.C. Kirkpatrick, Director of the Institute of Pathology, Johannes Gutenberg University, Mainz, Germany

Prof. H. Kurz, Head of the Institute of Semiconductors, RWTH Aachen, Germany

Dr. P. Lelkes, Calhoun Prof. of Cell. Tissue Engineering, School of Biomedical Engineering, Drexel University, Philadelphia, USA

Prof. Dr. H. Mertsching, Head of the Center of Cell Systems, Fraunhofer-IGB, Stuttgart, Germany

Dr. S. Minger, Steam Cell Laboratory, Wolfson Centre for Age Related Diseases, King's College London, U.K.

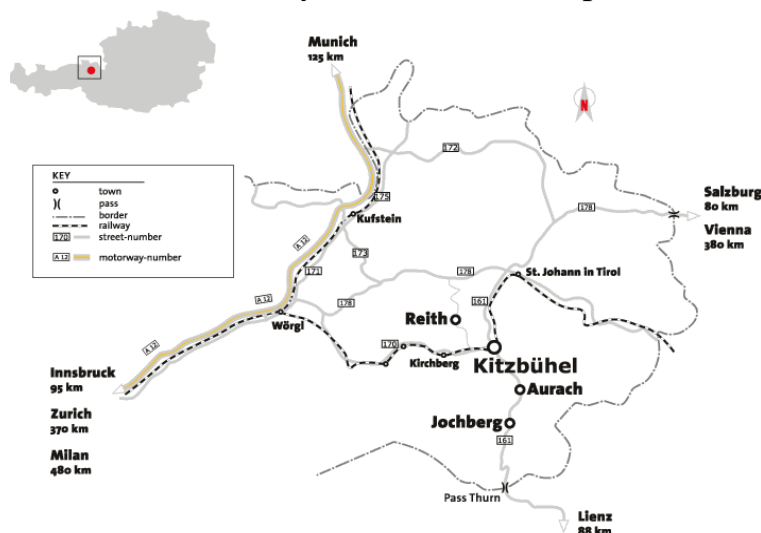
Prof. F.B. Prinz, Dean of the Department of Mechanical Engineering, Stanford University, USA

Prof. R.L. Reis, Head of European Competence Center of Regenerative Medicine, Univ. of Minho, Portugal

Prof. J. Ryan, Director of the Bionanotechnology Interdisciplinary Research Center, Clarendon Laboratory, University of Oxford, U.K.

Prof. Dr. U. Sleytr, Head of the the Center of Nanotechnology, University of Natural Resources and Applied Life Sciences, Vienna, Austria

Dr. G. Springholz, Institute for Semiconductor and Solid State Physics - Semiconductor Physics, Johannes Kepler University Linz, Austria



Information: Kitzbühel's two highest conference rooms can be found on the peak of the Hahnenkamm mountain, 1.670 metres above sea level in the midst of a unique panorama. The Hochkitzbühel Restaurant with its gondola room, and, of course, a fascinating view from the large sun terrace as a special highlight during any breaks.

Travel information:

<http://www.kitzbuehel.com>