

>>Important Dates & Deadlines

December 10th, 2004

Deadline for online registration and abstract submission via www.FEBSSysbio.net

January 30th, 2005

Letters of acceptance and detailed course information will be e-mailed to all participants.

February 21th, 2005

Deadline for any **last minute changes** and **last cancellation date** to obtain a refund.

>>Accommodation

The venue is the „**Sport-&-Erlebnis-Hotel**** Gosau**“ in Gosau. There are indoor leisure facilities such as tennis, fitness room, sauna and swimming pool. Nearby downhill as well as cross-country skiing slopes strongly encourage informal scientific discussions in fresh air. Rental gear is available in Gosau at reasonable prices. **Students** and **post-doctoral fellows** will stay in 2x2-bedroom apartments with a shared bathroom. All other regular participants will be accommodated in double rooms.

>>Language

The official course language shall be English.

>>Travel to Gosau

Gosau is located south of Salzburg, about 1 hour driving distance by car. There are flights from every major international airport to Salzburg. We offer roundtrip shuttle transportation service from Salzburg airport and main train station to the venue.

>>Social Programme

An attractive social programme is available. We shall visit Salzburg and the ancient town of Hallstatt, both places of „world cultural heritage“. Alternatively, one may enjoy winter in Austria or explore and shop in the nearby cities of Bad Ischl and Gmunden.

>>Application Procedure

The number of participants is strictly limited to ensure an efficient interaction between students and lecturers. We will accept a maximum of **120 students or post-docs** and **30 principal investigators**. Participants will be primarily selected on the basis of submitted abstracts. A **maximum of two students** per research group or laboratory may be instated.

A total of **30 FEBS Youth Travel Fellowships** are available. Student applications for YTF grants must include a **one page CV** and **two letters of recommendation**. All applications for YTF grants must be made to the Organizers (Course Secretary) by **November 30, 2004** (www.febssysbio.net/)

The **registration fees** are **660,- Euro** for students and postdocs, and **850,- Euro** for all other participants. The registration fees include **roundtrip shuttle transportation** from Salzburg to Gosau and **full board and lodging** (6 nights) at the venue. **No payments** may be made **before notification of acceptance** has been received from the organizers.

Deadline for applications and abstract submissions: December 10, 2004

All abstracts **must** be submitted via the SysBio2005 home page. Registration forms and detailed instructions for abstract submission are available at <http://www.FEBSSysBio.net/>

>>FEBS-SysBio2005 Course Office

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Announcement FEBS-SysBio2005

1st FEBS Advanced Lecture Course

„Systems Biology: From Molecules & Modeling To Cells“

March 12 – 18, 2005

Sport & Erlebnis Hotel**** Gosau, Austria

Organizers

Hans V. Westerhoff (The Netherlands)
Roland Eils (Germany)
Karl Kuchler (Austria)

Supported by



GERMAN
CANCER RESEARCH CENTER



Scientific Advisory Board (SAB)

Lilia Alberghina	Uri Alon
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Roel van Driel	Peter Philippsen

Deadline for **online** applications and abstract submission: **December 10, 2004**

<http://www.FEBSSysbio.net/>

>>Invitation to FEBS-SysBio2005

On behalf of the Scientific Advisory Board, it is a pleasure to invite you to the first FEBS Advanced Lecture Course on Systems Biology, FEBS-SysBio2005.

Systems Biology is one of the most prominent newly emerging interdisciplinary science areas. By connecting fields such as genomics, proteomics, bioinformatics, mathematics, engineering, cell biology and genetics, with mathematics and computation, it enables discovery of yet unknown principles underlying the functioning of living cells. At the same time testable and predictive models of complex cellular pathways and eventually of whole cells are generated. FEBS-SysBio2005 shall cover essential and state-of-the-art aspects of SysBio from principles and methods to applications and modeling of living systems.

The Federation of the European Biochemical Societies, FEBS, is the main sponsor of this exciting event. Additional contributions from non-profit institutions and the FP6 Research Project EUSYSBIO facilitated the organization of FEBS-SysBio2005.

We were able to commit many leading experts to participate as lecturers and we are thus confident that FEBS-SysBio2005 will be an outstanding lecture course with an exquisite scientific program. It will open the doors for regular student training in Systems Biology in Europe, provide a basis for a human network of young Systems Biology experts.

We are looking forward to welcoming you in Gosau, Austria

Hans Westerhoff, Roland Eils, Karl Kuchler
Course Organizers

>>Scientific Programme

5 Plenary Symposia will each be introduced and moderated by the indicated chair person.

Symposium 1
Principles of Systems Biology
(Chair - Hans V. Westerhoff)

Symposium 2
Methods and Tools for Systems Biology
(Chair - Karl Kuchler)

Symposium 3
Systems Biology in Prokaryotes
(Chair - Barry Wanner)

Symposium 4
Systems Biology in Unicellular Eukaryotes
(Chair - Stefan Hohmann)

Symposium 5
Systems Biology in Mammalian Cells
(Chair - Hiroaki Kitano)

>>List of Confirmed Invited Lecturers & Chairs

Rudi Aebersold
Charlie Boone
Michael Eichelbaum
Albert Goldbeter
Stefan Hohmann
Boris Kholodenko
Ursula Klingmüller
Karl Kuchler
Doug Lauffenburger
Nicolas le Novère
Mathias Reuss
Stefan Schuster
Jacky Snoep
Masaru Tomita
Hans V. Westerhoff

Uri Alon
John Doyle
Roland Eils
Reinhart Heinrich
Douglas Kell
Hiroaki Kitano
Edda Klipp
Ursula Kummer
Dennis Noble
Bernhard Palsson
Uwe Sauer
Luis Serrano
Jörg Stelling
Barry Wanner
Shoshana Wodak

The SysBio Course will be enriched by a **Keynote Plenary Lecture** delivered by **Dennis Noble**. A prominent scientist from the list of invited speakers shall deliver the **Final Keynote Address** to conclude FEBS-SysBio2005.

>>Oral Presentations

Selected “**Workshop Talks**” of 20 min and “**Short Talks**” of 12 min will be delivered during afternoon and evening sessions by principal investigators, graduate students and postdocs. These presentations will be selected by the Scientific Advisory Board on the basis of submitted abstracts.

>>Poster Session

The poster session represents a vital part of the SysBio Course. All abstracts not selected for oral presentations will be on display as posters **during the entire course** to provide ample time for informal discussions among students, participants and lecturers. A session with poster ‘flashes’ and provoked discussions about most posters will be organized, attention being paid to continuation of the presented research.

>>Workshop Quantitative Data & Standardization

A **special evening workshop** shall initiate training of students use of **standardized protocols** suitable for the generation of **quantitative biological data** and molecular modeling in SysBio.

>>Sattelite Workshops

Representatives of two EC FP6 research networks, **EUSYSBIO (www.EUSYSBIO.org)** and **SYMBIONIC**, as well as representatives of the Yeast Systems Biology Network (**www.YSBN.org**), will gather for 1-day satellite workshops after the course. Another concurrent workshop supported by the **European Science Foundation (ESF)** shall discuss an **ESF Forward Look** on Systems Biology. The ESF workshop will discuss strategies for sustained SysBio training and research in Europe.

>>Young Investigator Awards

All abstracts with graduate students or postdoctoral fellows as **first authors** are subject to scientific evaluation by selected members of the SAB. The **best 3 abstracts** shall receive the “**SysBio2005 Young Investigator Award**”.