

FEBS NEWS



January 2005 (1/2005)

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FEBS — FOR YOUR INFORMATION

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Dear Colleagues,

First of all: **Happy New Year!** 2005 will be a busy year for FEBS, as I am sure it will be for you. The planning related to the annual FEBS congress (which this year will be a joint FEBS Congress/IUBMB Conference) is going ahead full steam, and the organisers have managed to put together a fantastic programme that has already attracted 4000 pre-registrations! Read more about the 2005 FEBS Congress/IUBMB Conference on p. 3.

Another major event this year has in fact already taken place: The transformation of EJB — the FEBS Journal into **FEBS Journal**. Read more about this on page 5. And remember: Like FEBS, both of the two FEBS publications has a strong focus on supporting e.g. young scientists — both FEBS Letters and FEBS Journal annually gives away 10,000 Euro each for the best papers written by young scientists (see page 5-7).

Our Advanced Courses Committee has already for some time been ready with a comprehensive 2005 programme packed with education offers to our members. The full programme is available at http://www.febs.org/Activities/Advanced_Courses/Advc05.htm. Furthermore, the programme will be published end of January in both FEBS Letters and FEBS Journal. We also offer poster size programmes, so if you wish to help your colleagues by informing them of these offers, just send an e-mail to secretariat@febs.org, and we will provide you with a number of our 2005 Advanced Course posters. On page 7-9 you will find a presentation of two of the 2005 courses, and throughout the year I will present you to more of these courses here in FEBS News.

Finally, as always, we have the opportunity pages, for those of you who are looking for a job, fellowship, grant, etc. Please notice that we offer free advertising of academic opportunities, e.g. like fellowships and jobs. Also, if you are on the look-out for something — a job, or a lab to conduct your PhD in or the like —, we offer to post your call for this free of charge (see the About FEBS section below). If you have questions regarding this, or any other aspect of FEBS, you are always welcome to contact me.

Kind regards,

Camilla

About FEBS News:

FEBS News is published every second Monday in every second month (starting January), and e-mailed to approx. 16,000 subscribers in more than 50 countries. This issue as well as all back issues of FEBS News are available online at http://www.febs.org/News/Newsletter/Febs_Newsletter.htm

Free e-subscription is offered; subscribers will receive a direct link to the newsletter via e-mail, when ever a new issue is out. To subscribe, unsubscribe or change your contact details simply send an e-mail to newsletter@febs.org. You can also subscribe on-line at http://www.febs.org/e-mail_registration.asp.

As a service to our more than 40,000 members, FEBS offers **FREE** advertising of academic positions (PhD's, Post Doc's and Senior Post Doc's), as well as other offers which corresponds to the mission and activities of FEBS. To post a vacancy at the "Opportunities" pages or a message at the FEBS News Message Board or at our website, please forward all relevant details — including relevant deadlines — to newsletter@febs.org.

Next issue will be out on **March 14, 2005**. Deadline for entries, incl. advertisements, for the March issue is **March 4, 2004**.

Enquiries about FEBS News should be addressed to Camilla Krogh Lauritzen (camilla@febs.org).



Remember!
Abstract deadline is
January 31, 2005



<http://www.febs-iubmb-2005.com>

Dear Colleagues,

The 30th FEBS Congress will be held in Budapest, Hungary. We would like to thank the almost 250 top speakers, who accepted our invitation and helped us to put together a very exciting scientific program. Please take a minute and have a look to the details at our web-site shown above. The main topic is The Protein World. We believe that proteins always were, became, are and will be an extremely exciting field of biochemistry and molecular biology. Proteins are the heroes of our time, showing us an unexpected variety of posttranslational regulation and epigenetic effects each day. The richness of the proteomics approach is also just starting to be revealed. Moreover, proteins are everywhere. They accommodate all fields of biochemistry and molecular biology. Our main message: whatever your special field is – you are most welcome in Budapest!

This Congress will be special. First, it will be together with an IUBMB Conference, which helped the organizers to raise a pre-registration above 4000 representing 92 countries. This FEBS Congress will be a truly world-wide meeting point of interested and motivated scientists. The Congress is special all the more since in these years we have celebration time. We celebrated the 50th anniversary of DNA and the 40th anniversary of FEBS in 2004. At the Congress we will celebrate the 50th anniversary of IUBMB.

The Congress will focus on young scientists with special reference to women scientists. Besides the usual, and highly successful FEBS Forum for Young Scientists (hurry! The deadline of application is January 10th, details are at the web-site) we will have lots of programs including a "Meet the Eminent – Meet the Expert" session on the scientific career, a FEBS Journal/FEBS Letters cocktail for young scientists, and many special awards. We will also organize special occasions, where young scientists of the Congress can meet senior researchers in the best pubs of Budapest. The Education Symposia of the Congress will also focus on the methods how we may raise the interest of the next generation to science.

The European Union wants to have more than 500,000 new scientists by 2010. These young talents are sitting in their secondary school classes now.

Therefore, it is our special pleasure to announce that the 30th FEBS Congress will have more than a hundred of these extremely young (16 to 19 years old) scientists as hosts and hostesses. They will mostly come from a very successful Hungarian initiative (<http://www.kutdiak.hu>) and its (<http://www.nyex.info>) world-wide Network of Youth Excellence, which recently received the EU Descartes Prize of Science Communication for its success. These research students will not only show you your way to the multitude of events in the Congress venue, but will also ask you. Be prepared: they are very motivated, and will give you quite good questions on your research.

Science is a serious business. But it will only be lucrative to the young generation, if we can show the truth: Science is Fun. We want to give plenty of opportunities for you to use your creativity at this Congress. We will have Bioinformatics contests for computer-oriented colleagues. We will also organize various contests to make the Most Beautiful Protein (painting, sculpture and LEGO-type modelling). Those, who are excellent in oral presentations may participate and listen to a Mixed Lecture Session, where speakers will have to present slides they had never seen before. You may also try your abilities for making a scientific protein meal and the Congress will offer a rich selection of the best protein products of the hosting country, Hungary – at a very reasonable price.

We hope this Congress will be a memorable event. We do not want to keep this good feeling for ourselves. We planned a Public Awareness Program to show the people around the Congress that great science and good people have been gathered for a few July days in Budapest, Hungary. Do not be surprised, if you will travel on a tram, which is painted as a FEBS-IUBMB-tram. Do not be surprised if high school students will give you a leaflet at the busiest intersections of the Hungarian capital with the novel results of key persons at the Congress. We hope it will be obvious: Something exciting is happening in the beginning of July in Hungary. Be a part of it! Register today!

On behalf of all the organizers,

Prof. Peter Csermely,
Chairman of the Organizing Committee

Secretariat:

2005 FEBS Congress and IUBMB Conference; Chemol Travel Congress Department; Mailing address: H-1366 Budapest, P.O. Box 28., Hungary; Tel: +36-1-266-7032, Fax: +36-1-266-7033; E-mail: incoming@chemoltravel.hu

More than 4000 pre-registrations!



Are you looking for something, e.g. a PhD or Post Doc position? Then post your announcement at this message board for *free*!

All you need to do, is to include your text (all relevant details related to the position you are looking for) plus a specification of which FEBS society you are a member in an e-mail, and send it to newsletter@febs.org.

Dear colleagues,

I'm Pavel Grinchenko (Paul Grinch), and I live in Russia on Altai. In our region there are some thousand salty lakes that are rich on *Artemia Salina*. I am very interested in any kind of formation related to what it is possible to do with/make of the adult form *Artemia Salina*, in terms of proteins and protein derivative production from this animal. If you have such information, e.g. on firms that manufacturers of a protein from *Artemia Salina*, specific "know-how" of a specific protein, on relevant patents in this area of biotechnology, etc., I would be happy if you would share it with me. I hope on joint collaboration with you hereafter.

The best regards,

Paul Grinch

E-mail: paulgrinch@mail.ru



Artemia salina is brine shrimp, about 10 mm. long, living in salty ponds, often cultured for fish food.

BIOCHEM4SCHOOLS - A NEW ON-LINE RESSOURCE FOR TEACHERS AND STUDENTS [HTTP://WWW.BIOCHEM4SCHOOLS.ORG/](http://www.biochem4schools.org/)

A new FREE web-portal, developed by the Biochemical Society for use by teachers and students at all levels, will be launched at the ASE Annual Meeting, being held from 6-8 January 2005 in Leeds. This new portal is unique, free to use, user friendly, visually attractive, saves time and effort searching for biochemistry resources and is accessible for everyone.

biochem4schools guides users to relevant biochemistry resources already out there on the web. The Biochemical Society has pulled together over 300 resources from web sites world wide providing access for teachers and students to information according to the stages of learning, the curriculum being studied and the topic of interest.

The 16 topic areas range from genes to biotechnology and the site reflects the fast pace of change in biochemical research. Resources are added as they become available, and can be reviewed by users, so you will be able to see the top sites to visit in each topic. Each resource site has icon labels to explain their suitability for different age groups, and curriculum links as well as a description of and comment on the content with extensive cross-referencing to help you find what you are looking for.

Biochemistry is a fast-expanding field, represented increasingly in school curricula and in the world of undergraduate learning and research. Current 'hot topics' such as cloning make biochemistry education important and relevant, and with a choice of search options and a wide-ranging collection of resources, **biochem4schools** gives educators and pupils access to the most up-to-date information.

biochem4schools has been developed for use in the classroom as well as on a PC. The increase in the use of data projectors and interactive whiteboards in classrooms makes web-based classroom learning an ideal resource for both teachers and their students, and the high proportion of PC ownership means that these resources can be used for homework, projects, and coursework.



FEBS *Letters*

Dear Fellow Scientist,

Happy New Year! 2005 has just begun, and with it we look forward to introducing some changes to *FEBS Letters* and making the manuscript handling process even more efficient. To speed up the time between manuscript submission and publication, we are in the process of streamlining our editorial procedures and moving to fully electronic production. This is still a few months away, but we hope to be able to announce this change very soon.

A unique feature of *FEBS Letters* is that our editors are active researchers with excellent scientific reputations. In fact, we consider it vital for the success of the journal that our editorial board contains scientists with diverse scientific expertise. Therefore we are very pleased to welcome the following scientists to our editorial board: Shou-Wei Ding of the University of California, Riverside (USA) who is an expert on RNA silencing (RNAi) in both plants and mammals; J. David Lambeth of Emory University in Atlanta (USA), who specializes in oxidative stress and cellular oxidants; Ivan Sadowski from the University of British Columbia (Canada), an expert on transcriptional control and gene regulation; Michael Sussman from the University of Wisconsin-Madison (USA), a specialist in signal transduction and bioenergetics of plants and fungi; and Berend Wieringa from the University of Nijmegen (The Netherlands), a distinguished scientist with a very broad expertise in molecular biology. We would like to warmly welcome them all to the *FEBS Letters* family!

You will soon get to know both our new editors, and those who have been working hard for *FEBS Letters* for a number of years, in our Editor's Spotlight. Tine is currently interviewing editors about their most significant scientific and personal career highlights. Starting soon, we will highlight one editor per month in the journal, and I am sure that you are as eager as we are to find out more about the scientists behind *FEBS Letters*.

Look out for our second Nobel Special Issue that will be published this month. The issue is a collection of papers from the 130th Nobel Symposium "Molecular Mechanisms of Biological Systems" and features contributions from eminent scientists, including Nobel Prize winners. All of the articles in this special issue are freely available through our website at: <http://www.febsletters.org>

Don't forget about the *FEBS Letters* Young Scientist award. This year's €10,000 prize will be awarded to the scientist, under 40 years old, who is the corresponding author of the best manuscript published in 2004. Submit your manuscript today to be eligible for the 2005 prize.

We hope you have had time to read the two latest Jeff's Views. These are entitled "Five easy steps to get rid of your lab" and "The risks of playing safe". As always they provide a thought-provoking, and humorous, look at scientific life.

With best wishes for a happy and successful 2005,

The *FEBS Letters* Editorial Office

Felix Wieland, Managing Editor

Patricia McCabe, Assistant Managing Editor

Eva-Maria Emig, Assistant Editor

Tine Walma, Assistant Editor

Anne Mueller, Editorial Assistant



Dear Fellow Scientists

FEBS Journal began appearing from 1 January 2005

It's happened! The first issue of the new *FEBS Journal* appeared on 1 January 2005. It marks the end of the era of EJB, which has served FEBS proudly and well over the past 30 years or more, and

the beginning of a new era of publishing full-length papers on the molecular life sciences under the FEBS banner. We hope that you like the new appearance, and the new format and layout. We shall be pushing more into new areas as the year goes on, and you may look out for more bioinformatics, genomics and proteomics, molecular cell biology and the molecular biology of disease, systems biology and nanoscience.

To avoid confusion and to mark the seamless change from EJB to *FEBS Journal*, the last issue of EJB was 23/24 of volume 271 and the first issue of *FEBS Journal* has been designated issue number 1 of volume 272.

For further details, please visit the *FEBS Journal* website (<http://www.febsjournal.org>). The online submission system can be viewed at <http://febsj.manuscriptcentral.com>.

The FEBS Journal Prize 2005

The Editors of the journal are currently evaluating the first of the new *FEBS Journal* prizes, to be awarded to a graduate student or young post-doctoral research worker who is the first author of a paper judged to be the best published in EJB during the year 2004. The prize is worth 10,000 euros, and the winner will be announced shortly. Further details can be found on the journal website. The prize is being continued this year for papers published in *FEBS Journal* during 2005.

Reviews

Reviews recently published in the last issues of EJB, volume 271, numbers 22 and 23/24:

Models and mechanism of O-O bond activation by cytochrome P450: a critical assessment of the potential role of multiple active intermediates in oxidative catalysis, by Peter Hlavica (Vol. 271/22)

A minireview series in Vol. 271/23-24 which was coordinated by Thomas Meyer and Uwe Vinkemeier with an Introduction entitled: *Novel mechanisms of STAT protein regulation*. The series comprises:

Nucleocytoplasmic shuttling of STAT transcription factors, by Thomas Meyer and Uwe Vinkemeier,
Regulation of STAT signalling by proteolytic processing, by Lisa Hendry and Susan John,
Weapons of STAT destruction: interferon evasion by paramyxovirus V proteins, by Curt M. Horvath,

Reviews published in *FEBS Journal* volume 272, issue number 1:

Towards discovery-driven translational research in breast cancer, by Julio E. Celis, José M.A. Moreira, Irina Gromova,

Teresa Cabezon, Ulrik Ralfkiaer, Per Guldberg, Per thor Straten, Henning Mouridsen, Esbern Friis, Dorte Holm, Fritz Rank and Pavel Gromov,

The importance of being dimeric, by Giampiero Mei, Almerinda Di Venere, Nicola Rosato and Alessandro Finazzi-Agrò

You can read reviews online and download them free of charge from the time of publication. All reviews published in EJB in recent years and *FEBS Journal* can be accessed free of charge on the *FEBS Journal* online websites: the Blackwell Publishing service Synergy (<http://www.blackwell-synergy.com/>) and the Highwire platform (<http://www.ejbiochem.org> and <http://highwire.stanford.edu/>). These sites are easily reached by hotlinks from the *FEBS Journal* website.

Forthcoming reviews:

Data-driven docking for the study of biomolecular complexes, by Aalt D.J. van Dijk, Rolf Boelens and Alexandre M J J Bonvin, *Mammalian transglutaminases: identification of substrates as a key to physiological function and physiopathological relevance*, by Carla Esposito and Ivana Caputo, The Theodor Bücher Lecture (2003) *Calcium: a universal carrier of biological signals*, by Ernesto Carafoli.

Mathematical model database

Mathematical models from papers published in the first issue of *FEBS Journal* are now available on the mathematical modelling website linked to *FEBS Journal*:

Kinetics of intra- and intermolecular zymogen activation with formation of an enzyme-zymogen complex, by Matilde E Fuentes, Ramón Varón, Manuela García-Moreno and Edelmira Valero,

Principles behind the multifarious control of signal transduction. ERK phosphorylation and kinase/phosphatase control, by Jorrit J Hornberg, Frank J Bruggeman, Bernd Binder, Christian R Geest, Marjolein A J Bij de Vaate, Jan Lankelma, Reinhart Heinrich and Hans V Westerhoff

You can access and try out the mathematical models published in EJB and *FEBS Journal* free of charge online (<http://jij.biochem.sun.ac.za/database/index.html>). Full details of how to submit models for inclusion on the mathematical model database can be found in our Instructions to Authors (at <http://www.febsjournal.org>) and at the relevant website (<http://jij.biochem.sun.ac.za/ejb/>).

We take this opportunity to wish all who read and publish in *FEBS Journal*, and all FEBS members everywhere, a very happy and successful New Year.

With best regards,

Richard Perham, Chairman of the Editorial Board
 Vanessa Wilkinson, Editorial Manager
 Gail Entwistle, Deputy Editorial Manager
 Jane Bartolozzi, Editorial Secretary
 Juanita Goossens, Editorial Secretary
 Ilana Wooster, Editorial Secretary



FEBS SPECIAL MEETING : INTERNATIONAL CONFERENCE IN PLANT MITOCHONDRIAL BIOLOGY (COURSE CODE 05-01)

FRANCE, MAY 28 – JUNE 2, 2005

Background for this lecture course:

Since 1997, the full nucleotide sequence of plant mitochondrial DNA is known for some plants: *Arabidopsis thaliana*, *Beta vulgaris*. These genomes encode a set of about 50 proteins mostly involved in translation and in the biogenesis of protein complexes necessary for respiration. However, it is commonly admitted that plant mitochondria contain up to 2000 proteins that are encoded by the nuclear genomes. The full sequence of the nuclear genome of *Arabidopsis thaliana* is available since 2000.

With the availability of these tools begins the era of transcriptomics and proteomics and it is believed that there will be, in the next years a wealth of new informations in this field of research that will permit a very promising analysis of the biogenesis of plant mitochondria.

These proteins and protein complexes are involved in the metabolism of the mitochondria, i.e. the respiration chain, oxidative phosphorylation, the Krebs cycle, the genetic information, flow from replication to translation and maturation processes of the mRNA metabolism.

Venue: Obernai, France

Registration Deadline: February 28, 2005

Abstract Submission Deadline: February 29, 2005

Applications and questions should be addressed to:

Dr Jean Michel GRIENENBERGER

Département de Biogenèse des Mitochondries Végétales

Institut de Biologie Moleculaire des Plantes CNRS

12 Rue du Général Zimmer

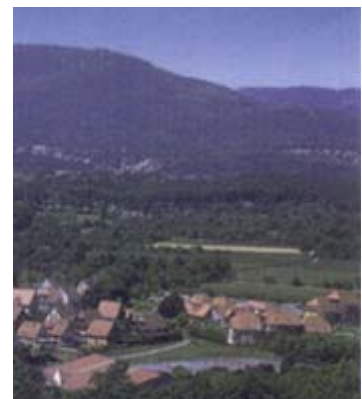
67084 STRASBOURG

+333 88 41 72 40

+333 88 61 44 42

E-mail: ICPMB05@ibmp-ulp.u-strasbg.fr

Further information: <http://ICPMB2005.U-strasbg.fr>





FEBS-EMBO ADVANCED LECTURE COURSE ON MOLECULAR MECHANISM IN SIGNAL TRANSDUCTION AND CANCER (COURSE CODE 05- 03C)

SPETSES, GREECE, AUGUST 15 – 26, 2005

- Advanced lecture course for late graduate students and early post docs
- Selected topics in signal transduction with specific focus on signalling events in cancer
- Introductory lectures followed by cutting edge science
- Poster sessions, tutorials and beach discussions
- Ample time for social interactions



Venue: An old Victorian School at the beach of an Isle in Greece

Lecturers:

Marianne Bienz	Hans Bos	Boudewijn Burgering	Hans Clevers
Ivan Dikic	Richard Marais	Chris Marshall	George Mosialos
Margaret Frame	Ruth Palmer	Tony Pawson	John Scott
Hugues de Thé	Karen Vousden	Karel Wirtz	Fred Wittinghofer

Deadline for applications: April 1, 2005

Further Information: <http://ruummc.med.uu.nl/Spetses2005/Spetses.html>

EMBO-FEBS WORKSHOP ON BIOLOGY OF MOLECULAR CHAPERONES: HEAT SHOCK PROTEINS IN MOLECULAR MEDICINE – MISFOLDING DISEASES AND CANCER (COURSE CODE 05-11W)

ZAKOPANE, POLAND, 28 MAY – 2 JUNE, 2005

Background for this workshop:

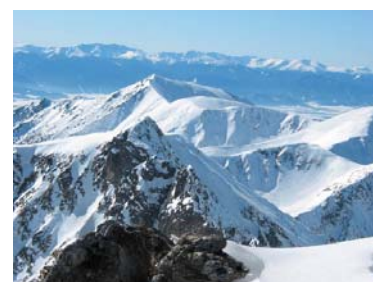
An important goal of the this event is to give the European sciences new perspective in molecular medicine and to apply already existing tools made by molecular chaperone and heat shock fields to cancer therapy, and disease caused by misfolding proteins. This meeting continues the tradition of the European conference series on "Biology of Molecular Chaperones" and takes place in alternating years with the Cold Spring Harbor Meeting on "Heat Shock Proteins and Molecular Chaperones". We will follow up the tradition of the past series of the meeting by allowing an equal number of young scientists to present their work as talks together with the leading scientist in the same sessions. Furthermore, we plan an extra time for the poster sessions and general discussion. The Workshop is held in Zakopane in the vicinity of the Tatra National Park.

Abstract submission deadline: March 1, 2005

Housing reservation deadline: March 31, 2005

Further information and online registration:

<http://www.eurocongress.com.pl/hsp2005>





EU MARIE CURIE FELLOWSHIPS OFFERED

INSTITUTE OF BIOLOGICAL RESEARCH AND BIOTECHNOLOGY, GREECE

Marie Curie Post-doctoral and PhD Fellowships funded by EU Programmes are offered to work on the connection between oncogenic/apoptotic signalling and gene expression.

We have recently developed cell model systems in order to analyse how prototype oncogenes like *ras* regulate transcription factors on target genes during carcinogenesis/apoptosis by using gene expression profile (array) analysis and chromatin immunoprecipitation (ChIP) technologies.

The successful candidates are expected to have previous experience in molecular, cell biology and/or biochemistry.

The positions are active for winter/spring 2005 and the amount of salary is 3200 Euros/month at the post-doctoral, 1100 Euros/month at the doctoral level respectively plus allowances.

The Institute provides a multidisciplinary scientific environment. Mobility and interactions are encouraged with European partner Labs participating in the EU Programmes.

Applications, including CV and names of two referees should be sent by **January 20, 2005** to:

Dr Alex Pintzas

Laboratory of Signal Mediated Gene Expression, Institute of Biological Research and Biotechnology, National Hellenic Research Foundation, 48, Vas. Constantinou Avenue, 116 35 Athens, Greece

Tel: 30-210-7273753, Fax: 30-210-7273755,

E-mail: apint@iee.gr.

Further information: <http://www.eie.gr/institutes/ibeb/programs/gene-expression2003.htm> and <http://mcrtn.u-strasbg.fr/>

FUNDING OPPORTUNITIES FOR INTERDISCIPLINARY RESEARCH IN THE LIFE SCIENCES

The Human Frontier Science Program is an international funding agency, supported by Australia*, Canada, France, Germany, Italy, Japan, Republic of Korea*, Switzerland, U.K., U.S.A. and the European Union (*new members in 2005). HFSP promotes international collaboration through a prestigious program of grants which support interdisciplinary research in the life sciences. The program is intended to bring teams of scientists from various fields such as physics, mathematics, chemistry, computer science and engineering together with biologists to open up new approaches to understanding complex biological systems.

Teams applying for research grants must first submit a letter of intent online. The next deadline is March 31st 2005 and potential applicants must pre-register by March 21st 2005 (see the HFSP web site at <http://www.hfsp.org> for further details). In addition to team grants, individuals trained in non-biological sciences may apply for a Cross Discipline Fellowship to undertake postdoctoral research in biology (the next deadline for such Fellowships will be early in September 2005 - please see the website).

Would you like to post a vacancy or a fellowship here?

FEBS offers free advertising of academic fellowships and vacancies within Europe in *FEBS News* and at www.FEBS.org — Please contact Camilla Krogh Lauritzen (camilla@febs.org) for further information.

.....*More opportunities available at <http://www.FEBS.org>*



10 STUDENTSHIPS OFFERED

INTERNATIONAL UNIVERSITY BREMEN, GERMANY

10 studentships available in the Life Sciences Graduate Program of the International University Bremen, "Biological Recognition" (BioRec).

The graduate school "Biological Recognition" (**BioRec**) at the International University Bremen (IUB) has studentships available to begin in September, 2005. Application deadlines are February 1st and May 1st, 2005. IUB (<http://www.iu-bremen.de>) is a private research and teaching university in the Arts and Sciences in Northern Germany, founded in 1999. We aim to attract the very best students worldwide to our American-type BA and BSc degree programs (four in the life sciences) and graduate schools. The working language on Campus is English.

The Life Sciences graduate program, **BioRec**, is focused on biological recognition, one of the most fascinating phenomena of life. Specific recognition events occur at all levels of complexity in biological systems, and their investigation requires a convergence of the disciplines of the life sciences, including, but not limited to, structural and computational biology, biochemistry, biophysics, cell biology, immunology, physiology, and biotechnology. Faculty from these and neighboring areas have come together in **BioRec** to combine their expertise in research and teaching.

Students who enter **BioRec** with a Bachelor of Science or equivalent (that is, three years of study in a life sciences subject) are taken to the final degree of Ph.D. within five years. In addition to practical training in three rotation laboratories and the doctoral thesis research, **BioRec** offers a combination of carefully designed didactic courses, a lively seminar program with opportunities for oral presentation and discussion of scientific information and hypotheses, and teaching experience in undergraduate courses. For students with an MSc or a German Diploma, entry into year three of the graduate school is possible.

IUB is an excellent place for graduate training in the life sciences: faculty have ambitious and interactive research programs, scientific work takes place in new and well-equipped laboratories, and other graduate (such as Nanomolecular Sciences) and undergraduate programs (Biology, Biochemistry and Cell Biology, Bioinformatics and Computational Biology, Biochemical Engineering) create a vigorous scientific environment.

As students for the **BioRec** graduate program, we seek applicants with outstanding undergraduate records in the biological, chemical, or physical sciences who show great promise of successful careers in research. Our students will enthusiastically approach a research oriented graduate program and demonstrate leadership, creativity, and commitment in the pursuit of new scientific knowledge. We offer stipends for all successful applicants which are guaranteed for two years in the first instance.

A prospectus with more details and information about applying to **BioRec**, is at the website, <http://www.iu-bremen.de/biorec>.

Application deadline: May 1st, 2005



8 PH.D. STUDENTSHIPS AND 2 SHORT TERM FELLOWSHIPS OFFERED

THE KAROLINSKA INSTITUTE, SWEDEN

The Karolinska Institute, MTC-Microbiology and Tumor Biology Center. The doctoral research training in 'Infection models beyond cell culture' (IMO-Train) is a Marie Curie sponsored Early Stage Training (EST) programme of the 6th EU framework.

The programme seeks 8 Ph.D. studentships 2 short term fellowships (9 months). The programme starts April 2005 and is scheduled for four years. PhD fellowships shall start latest July 2005.

IMO-Train is designed for highly motivated students with a strong basis in molecular sciences and a keen interest to dissect the infection process in disease models. MTC has a record of excellence in molecular infection biology, which is in-house supported by state-of-the-art technologies relevant for the field.

The location of the department on the campus of the Karolinska Institutet, which is one of the top universities in Europe, stimulates close interactions with other research-intense departments as well as the Karolinska University Hospital. Sweden has a strong history in life sciences especially molecular aspects of infectious diseases as recently covered by leading scientific journals (for example, Nature <http://www.nature.com/cgi-taf/dynapage.taf?file=/nature/journal/v420/n6916supp/index.html#scansupp>, Science, 305, 293).

Applications in English to be send as one PDF file to:

IMO-Train@mtc.ki.se

The PDF file should contain a cover letter, CV, two letters of reference, a motivation letter and a proof of proficiency in English (e.g. TOEFL).

Please note that Swedish residents are not eligible to apply.

Application Deadline: As soon as possible — the positions are open until filled.

Further information: <http://www.mtc.ki.se/IMO-Train>



GROUP LEADER WANTED

The Polish Academy of Sciences (PAN) and the Max Planck Society (MPG) invite applications for the position of Group Leader of a Joint PAN-MPG Junior Research Group at the Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG) in Dresden, Germany.

The group will be funded by the Polish Ministry of Science with 250,000 Euro per year for 5 years; this includes the salary of the group leader (48,000-55,000 Euro per year, depending on personal circumstances), support for a postdoctoral fellow, a PhD student, a technician and adequate running costs. The MPG/MPI-CBG will provide a fully-equipped laboratory.

Applicants should be 35 years old or younger, have a strong background in molecular cell and/or developmental biology, and have research interests complementing and further strengthening the current profile of the MPI-CBG in Dresden (www.mpi-cbg.de).

Applications in English including curriculum vitae, list of publications and research plan should be submitted by **March 15, 2005** by e-mail to zylicz@iimcb.gov.pl

Three letters of recommendation should be sent separately by the application deadline to the same address. Short-listed applicants will be invited to Dresden for interview in May 2005.





<p>What: Cambridge Healthtech Institutes Second Annual "High Content Analysis", 2005</p> <p>When: January 25– 28, 2005</p> <p>Where: San Francisco, USA</p>	<p>For detailed information please see:</p> <p>http://www.healthtech.com/2005/hca/index.asp</p>
<p>What: 2nd International-Horizons PhD symposium "Decoding Nature: Hierarchy of Interactions"</p> <p>When: March 17–19, 2005</p> <p>Where: Göttingen, Germany</p>	<p>For detailed information please see:</p> <p>http://www.horizons.uni-goettingen.de/</p>
<p>What: Nanotechnology Course Series Spring 2005 European Program</p> <p>When: March 21– 24, 2005</p> <p>Where: Davos Switzerland</p>	<p>For detailed information please see:</p> <p>http://www.nsti.org/courses/</p>
<p>What: VIth European Symposium of the Protein Society</p> <p>When: April 30 — May 4</p> <p>Where: Barcelona, Spain</p>	<p>For detailed information please see:</p> <p>http://www.proteinsociety2005.info/Barcelona.html</p>
<p>What: "Genes, Populations and Disease: genomic, proteomic and metabonomic approaches in epidemiology"</p> <p>When: May 17, 2005</p> <p>Where: Leeds, UK</p>	<p>For detailed information please contact:</p> <p>Jenny Duckmanton, MEG Secretary, 76 Stockton Lane, YORK YO31 1BN, UK. E-mail: meg-secretariat@tiscali.co.uk</p>
<p>What: Sixth International Symposium on "Preimplantation Genetics"</p> <p>When: May 19 – 21, 1005</p> <p>Where: London, UK</p>	<p>For detailed information please see:</p> <p>http://www.pgdlondon.org</p>
<p>What: Bioinformatics and Genome Research</p> <p>When: June 13 – 14, 2005</p> <p>Where: San Francisco, USA</p>	<p>For detailed information please see:</p> <p>http://www.beyondgenome.com/</p>
<p>What: 9th International Congress on Amino Acids and Proteins</p> <p>When: August 8 —12, 2005</p> <p>Where: Vienna, Austria</p>	<p>For detailed information please contact:</p> <p>Prof. Dr. Gert Lubec, FRSC (UK) Medical University of Vienna, Dpt of Pediatrics, Div of Basic Science E-mail: gert.lubec@meduniwien.ac.at</p>