



# FEBS NEWS

*Issue 2/March, 2006*

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## For Your Information

by Camilla Krogh Lauritzen,  
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FEBS website: <http://www.FEBS.org>



Dear Colleagues,

First of all: Thanks to the many of you who has sent me feedback and suggestions to topics to be raised in FEBS News. In this context, I have received quite a number of e-mails asking about "women in science"-issues, and thus I am extra delighted to present you to this month debater: Saskia Van der Vies — the char(wo)man of FEBS Working Group on Women in Science (WISE). You can read her view on the matter(s) on pp. 9-11

Also there's news from both FEBS Journal and FEBS Letters; both are looking very much forward to present the winners of their 10,000 Euro prizes at the upcoming FEBS Congress, which is only three months away. Furthermore, they are looking forward to see a lot of you at the award reception (read more on pp. 5-7) .

In this issue you can also learn more about two FEBS Advanced Courses, as well as be presented to several carrier opportunities and upcoming scientific events. Remember that you are welcome to let me know, if you have ideas and suggestions that you would like to be addressed in this newsletter. You will find the submission details below.

Kind regards,

Camilla

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### About FEBS News:

- FEBS News is published every second Monday in every second month (starting January).
- E-mail alerts containing a link to FEBS News, are send to approx. 16,000 subscribers in more than 50 countries, whenever a new issue is out.
- To subscribe, unsubscribe or change your contact details simply send an e-mail to [newsletter@febs.org](mailto:newsletter@febs.org), stating "subscribe", "unsubscribe" or "change" in the subject line. You can also subscribe on-line at [http://www.febs.org/e-mail\\_registration.asp](http://www.febs.org/e-mail_registration.asp) Do notice that we will not distribute, in any way, your data to third parties without your consent.
- 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) in this newsletter and at our website.
- This issue as well as all back issues of FEBS News are available online at [www.FEBS.org](http://www.FEBS.org)
- Questions and enquiries about FEBS News should be addressed to Camilla Krogh Lauritzen ([camilla@febs.org](mailto:camilla@febs.org)).
- Next issue will be out on **May 8, 2006**. Deadline for entries (all types) is **May 1, 2006**.



## FEBS Q&A

### FEBS CONGRESS 2006

**Q: I have several questions regarding this year's FEBS Congress; to whom should I address these?**

**A:** At <http://www.febs2006.org/GeneralInformation/contact.asp> you will find the contact details to people who can answer whatever question you have in mind.

### FEBS FELLOWSHIPS

**Q: Is it possible for a member of a FEBS Constituent Society not working in a FEBS country to apply for a fellowship in the FEBS area?**

**A:** Scientists not working in a FEBS member country are not eligible to apply for a fellowship, notwithstanding the fact that they are members of a FEBS Constituent Society and wish to work in a laboratory in a FEBS country. Thus, scientists working in Asia, North America, etc. are not eligible to apply.

### FEBS FELLOWSHIPS

**Q: Is there any restriction on the nationality of an applicant?**

**A:** No, there is no restriction on the nationality of applicants. The determinant factors are the country in which the applicant is working and the country where the applicant would like to work. In other words, irrespective of his/her nationality, any member of a FEBS Constituent Society fulfilling the criteria laid down for the Fellowships Programme may apply for a fellowship if he/she is working in a FEBS country and is seeking to work in a FEBS country.

### FEBS OFFICER — HOW?

**Q: How does one become active in FEBS?**

**A:** By being elected to one of many of our Working Groups or Committees. FEBS members who are interested in becoming an active part of FEBS should address this wish to their local society. The latter is responsible for providing a list of candidates to openings announced by FEBS, and every opening in FEBS is announced to the presidents of our member societies.

Once a year, in context of the FEBS Council Meetings, elections — based on the list of candidates — takes place, and the vacancy/vacancies are filled.

More information is available below in the "News from the Organisation" section.

## News from the Organisation

### BEING AN ACTIVE PART OF FEBS — ELECTION OF NEW FEBS OFFICERS ARE COMING UP

In connection with the annual FEBS Congress in June 2006, the FEBS Council will have its annual meeting. One of several key points on this year's agenda, will be the election of a new Secretary General of FEBS, as the present, Julio E. Celis, will end his term on December 31, 2007. Thus, as per FEBS Statutes and Guidelines, a replacement has to be identified in connection with this year's Council Meeting.

Furthermore, there are several openings in many of FEBS' Committees and Working Groups to be filled at this year's Council Meeting.

As such, FEBS has (in December 2005) sent out a letter to the presidents of all 43 member societies, and invited each society to send us a list with candidates for the openings. The deadline for doing so is March 27, and we of course hope to receive many nominations!

\* The list of FEBS member societies can be found here: <http://www.febs.org/Organization/FEBSSOC.htm> and <http://www.febs.org/Organization/Assoc.htm>



## the Message Board

### "TIP OF THE MONTH"

"I would like to recommend the link of the The Human Genome Browser at UCSC: <http://genome.ucsc.edu/> This site contains the reference sequence and working draft assemblies for a large collection of genomes, useful software, fast performance In-Silico PCR, database, genome assemblies, links to other resources, etc. The sequence and annotation data displayed in the Genome Browser are freely available for academic, non-profit, and personal use".

**Karmen Stankov, Serbia**

What is **your** favourite e-source of knowledge? Send us the link to the website that you find most useful as a scientist, include a few words on why you find it particularly useful, and you might win a 128 MB memory stick to store your e-data on!

Read more in the forum "FEBS e-newsletter" at **FEBS** Bulletin Board, <http://www.febs.org/FebsBB/>

Deadline for sending candidate links to the November/December draw is **May 1, 2006**. The winning links and their endorsers will be presented in the May issue of FEBS news.



## Remember not to miss out on the congress of the year:



**31<sup>st</sup> FEBS CONGRESS**  
**Molecules in Health & Disease**  
 24 - 29 June 2006, Istanbul - TURKEY



More info on <http://www.FEBS2006.org> — We look forward to seeing you!

### WOULD YOU LIKE TO ADVERTISE IN FEBS NEWS?

**FEBS offers free advertising of academic positions and announcements from FEBS members looking for e.g. a post doc position!**

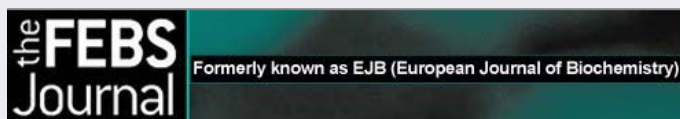
See how here:

<http://www.febs.org/FebsBB/showflat.php?Cat=0&Number=179&an=0&page=0#Post179>  
 (if you are on-line, simply click the link)

or contact Camilla Krogh Lauritzen (Camilla@febs.org)



## News from the FEBS Journal



Dear Fellow Scientists,

### New members of the Editorial Advisory Board of FEBS Journal

We are very pleased to welcome two new members of the Editorial Advisory Board: Helena Santos (Oeiras) and Zihe Rao (Beijing). These new appointments will add to our strengths in the areas of molecular cell biology and structural genomics and proteomics.

### Reviews in FEBS Journal

The following reviews have appeared in recent issues of *FEBS Journal*:

*The GYF domain* by M. M. Kofler and C. Freund (Vol. 273/2)

*Calcium, mitochondria and oxidative stress in neuronal pathology. Novel aspects of an enduring theme* by C. Chinopoulos and V. Adam-Vizi (Vol. 273/3)

The Theodor Bücher Lecture 2005: *Metabolomics, modelling and machine learning in systems biology – towards an understanding of languages of cells* by D. B. Kell (Vol. 273/5)

You can read reviews online and download them free of charge from the time of publication. All reviews published in EJB 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://content.febsjournal.org> and <http://highwire.stanford.edu/>). These sites are easily reached by hotlinks from the *FEBS Journal* website, <http://www.febsjournal.org>

### Forthcoming reviews and minireview series

Reviews for publication in forthcoming issues of the journal:

*Pentose phosphates in nucleoside interconversion and catabolism* by M. Grazia Tozzi, M. Camici, L. Mascia, F. Sgarrella and P. L. Ipata

*The mitochondrial permeability transition from in vitro artifact to disease target* by P. Bernardi, A. Krauskopf, E. Basso, V. Petronilli, E. Blachly-Dyson, F. Di Lisa,

and M. A. Forte

*Metallothioneins are multipurpose neuroprotectants during brain pathology* by M. Penkowa

*Protein misfolding diseases and chaperone-based therapeutic approaches* by T. K. Chaudhuri and S. Paul

*Biology of mast cell tryptase – an inflammatory mediator* by J. Hallgren and G. Pejler

A minireview series coordinated by Byong-Seok Choi on DNA repair with an introduction entitled: *In need of repair – preserving the genome*. The series comprises:

*The protein shuffle: sequential interactions among components of the human nucleotide excision repair pathway* by C.-J. Park and B.-S. Choi

*DNA mismatch repair system: classical and fresh roles* by S.-H. Jun, T. Kim and C. Ban

*Roles of base excision repair sub-pathways in correcting oxidized abasic sites in DNA* by J.-S. Sung and B. Dimple

*Dual role of Nbs1 in the ATM-dependent DNA damage response* by J. Hyeon Lee and D.-S. Lim

### Meeting reports

We remind you that reports of meetings are welcome in the journal. A report should give a proper introduction to the field, what the hot topics are, what the major advances appeared to be, and some critical summing up of the field on the part of the author of the report. Thus, it should resemble a review, but be centred on a meeting. All topics in the general area of the molecular life sciences are welcome. Prospective authors should consult the Reviews Editor (Ferdinand Hucho) or the Editor-in-Chief (Richard Perham).

### FEBS Congress, Istanbul

We look forward to seeing you at the 31<sup>st</sup> FEBS Congress in Istanbul 24–29 June 2006, where we shall be congratulating the winner of 2005 *FEBS Journal* prize. Look out for more details of the *FEBS Letters* and *FEBS Journal* prize ceremony and Reception for Young Scientists in the next issue of *FEBS News*.





## News from the FEBS Journal *continued...*

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

## News from FEBS Letters

# FEBS *Letters*

Dear Fellow Scientist,

Greetings from snowy Heidelberg! The FEBS Letters Editorial Office is continuing to have a busy winter and is already preparing for the 31st FEBS Congress in Istanbul in June.

The latest FEBS Letters Special Issue has just been published. The issue is entitled: *ABC Transporters* and was edited by Ulf-Ingo Flügge (University of Cologne, Germany) and Gerrit van Meer (Utrecht University, The Netherlands). Containing twenty-one contributions from experts in the field, the issue covers structural, molecular, and functional aspects of ABC transporters from bacteria, yeast, mammals and plants. The Special Issue was produced in conjunction with the FEBS Special Meeting entitled: ATP-Binding Cassette (ABC) Proteins: From multidrug resistance to genetic diseases". This FEBS Special Meeting is being held from 4<sup>th</sup> – 10<sup>th</sup> March in Innsbruck Austria and each participant will receive a complementary copy of the Special Issue.

Don't forget you can have free access to all Special Issues, Minireviews and Spotlight on... articles, as well as free access to all articles that are over 12 months old at <http://www.febsletters.org>. This free access is also available via Pubmed and Scopus.

We are in the process of selecting the winner of this years' FEBS Letters Annual Award for Young Scientists. The editors of the journal have selected the manuscripts published in 2005 that both fulfill the conditions of the award and that they feel are suitable for

the prize. These papers have been forwarded to the Prize Committee (Gunnar von Heijne (chair), Peter Brzezinski, Ulrike Kutay, Judit Ovadi and Giulio Superti-Furga) who will meet in Vienna on 1st April to choose the winning paper. Look out for the announcement of the winner in the next edition of the FEBS News.

The winner of the FEBS Letters Young Scientist Award will be presented with their award at the 2006 FEBS Congress in Istanbul. The award ceremony will be held on Monday 26<sup>th</sup> June at 5pm and will be followed by a reception for young scientists where you will have the chance to meet both the prize winner and other young scientists who attend the congress. Look out for more information on the FEBS Congress website: <http://www.febs2006.org>. Information about past prize winners, including their prize winning paper, can be found at <http://www.febsletters.org/content/youngscientist>.

If you would like to be considered for next years' Young Scientist Award, you should be the corresponding author, aged 40 years old or less, of a paper published in FEBS Letters during 2006. Don't forget to fill in your date of birth when you submit your manuscript to FEBS Letters at: <http://ees.elsevier.com/febsletters>.

Best wishes,

**The FEBS Letters Editorial Office**  
Felix Wieland, Managing Editor  
Patricia McCabe, Editorial Manager  
Tine Walma, Assistant Editor  
Anne Mueller, Editorial Assistant



the **FEBS**  
Journal

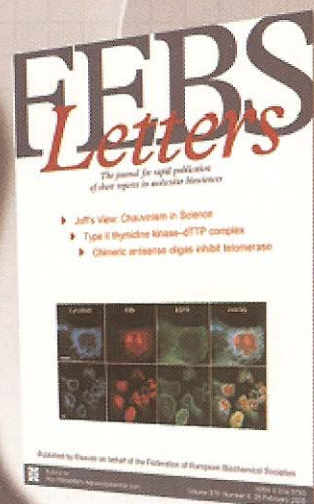
**FEBS**  
*Letters*

# Annual Awards for Young Scientists

FEBS, through its publications, would like to acknowledge the research contributions of young scientists by awarding two yearly prizes of €10 000

The **FEBS Journal Prize** is awarded to the first author of the best paper published, who is a graduate student or young post-doc\*

The **FEBS Letters Award** is given to the corresponding author of the most outstanding research letter published, aged 40 years or younger



## Prize winner 2005

### Christian Klammt

Centre for Biomolecular Magnetic Resonance,  
Frankfurt/Main

for his outstanding paper:

High level cell-free expression and specific labeling of integral membrane proteins  
Eur J Biochem **271**, 568 - 580

[www.febsjournal.org](http://www.febsjournal.org)

## Prize winner 2005

### Elke Deuerling

Centre for Molecular Biology (ZMBH),  
Heidelberg

for her outstanding paper:

Low temperature or GroEL/ES overproduction permits growth of *Escherichia coli* cells lacking trigger factor and DnaK  
FEBS Letters **559**, 181 - 187


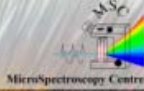
[www.febsletters.org](http://www.febsletters.org)

The Prizes will be presented at the FEBS Congress

\*PhD degree awarded within the last three years



Upcoming FEBS Courses



September 21-30, 2006  
Wageningen, The Netherlands

**FEBS Advanced Course**

**Microspectroscopy:  
Imaging Biochemical  
Dynamics in Living Cells**

Speakers:  
Brian Herman, Adriaan Houtsmuller,  
David Jameson, Paul French, Cees Otto,  
Lucas van Vliet, Stephen Adams, Johan Hofkens,  
Peter Willems, Hans Tanke, Philippe Bastiaens,  
Hans Gerritsen, Vinod Subramaniam, Jan Vos,  
Hans de Jong, Ton Visser, Mark Hink, José Feijo

info: [www.mscwu.nl](http://www.mscwu.nl)

FEBS/EMBO Workshop on  
**Systems Dynamics of Intracellular Communication  
Overcoming Distance In Signalling Networks**

October 29 - November 2, 2006, Ein Gedi, Dead Sea, Israel

**Confirmed Speakers**

|                                   |                                  |
|-----------------------------------|----------------------------------|
| ▶ Viki Allan (Manchester)         | ▶ Kelsey C. Martin (Los Angeles) |
| ▶ Uri Alon (Rehovot)              | ▶ Nicholas Mazarakis (Oxford)    |
| ▶ Naama Barkai (Rehovot)          | ▶ William C. Mobley (Stanford)   |
| ▶ Philippe Bastiaens (Heidelberg) | ▶ Bela Novak (Budapest)          |
| ▶ Robert Campenot (Edmonton)      | ▶ Elena Rugarli (Milan)          |
| ▶ Pico Caroni (Basel)             | ▶ Giampietro Schiavo (London)    |
| ▶ Moses V. Chao (New York)        | ▶ Rosalind Segal (Boston)        |
| ▶ Ari Elson (Rehovot)             | ▶ Rony Seger (Rehovot)           |
| ▶ Mike Fainzilber (Rehovot)       | ▶ Beate Sodeik (Hannover)        |
| ▶ David Ginty (Baltimore)         | ▶ Alexander Sorkin (Aurora)      |
| ▶ Reinhart Heinrich (Berlin)      | ▶ Jorg Stelling (Zurich)         |
| ▶ Erika Holzbaur (Philadelphia)   | ▶ Hans V. Westerhoff (Amsterdam) |
| ▶ Carlos Ibanez (Stockholm)       | ▶ Yosef Yarden (Rehovot)         |
| ▶ Boris Kholodenko (Philadelphia) | ▶ Marino Zerial (Dresden)        |
| ▶ Walter Kolch (Glasgow)          |                                  |

Up to 20 additional speakers will be selected from abstract submissions

Deadline: July 28, 2006

web site: [www.weizmann.ac.il/conferences/spatial2006](http://www.weizmann.ac.il/conferences/spatial2006)  
e-mail: [spatial2006@targetconf.com](mailto:spatial2006@targetconf.com)

See the complete list of FEBS Advanced Courses, Special Meetings, etc. in 2006 at

[http://www.FEBS.org/Activities/Advanced\\_Courses/Advc06.htm](http://www.FEBS.org/Activities/Advanced_Courses/Advc06.htm)





## FEBS Debate



## Science needs Women & Women need Visibility

By Saskia Van der Vies

When I opened the national French newspaper *Le Monde* on March 3 2006, my eyes spotted an interesting statement printed in big letters: "*La science a besoin des femmes*"! It made me think. "*Science needs Women*"? "*Die Wissenschaft braucht Frauen*"..... ? "*La Ciencia necesita las Mujeres*".....? it didn't really matter in what language I thought of it, I couldn't help wondering whether it is actually true. Does science need women? Isn't it just all right the way it is? The answer to this question is NO; it is not allright the way it is and YES science needs women. That's what I would say, but maybe **you** would disagree. Let me give you some food for thought. Let's start with some of the facts. That is always good practice in science.

Multiple studies have revealed that in the majority of the European countries, women make up half the number of students in science, but when it comes to higher positions, women are chronically underrepresented. And I can hear you say, so there are less women than men, so what. That's no reason to want to increase the number of women. There are all sorts of professions where you find more women than men. Then I say to you: Read the facts. The under representation of women in science means that on average only 15% of senior academic positions are held by women. At present 25% of all researchers in the European Union are women. Is this not a *major* imbalance? So, doesn't "*Science needs women*"!?

I give you a second fact: The European Commission has stated in the Lisbon declaration that Europe should become the most competitive and dynamic knowledge-based economy in the world, capable of sustainable economic growth with more and better jobs and greater social cohesion. In terms of human resources, this translates into an extra half a million researchers (or 1.2 million research-related personnel), which will be needed to meet this goal. "*Science needs women*"! It is a straightforward calculation. Europe simply cannot reach the level of science and technology resources that are needed for its development without finding ways to increase the number of women in science. You are still not convinced?

Then I want you to think about the following: Shouldn't all human beings be free to develop their personal abilities and make choices without limitations that are set by strict gender roles? By gender I mean the social

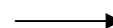
differences, which are learned, changeable over time and have wide variations both within and between cul-

tures. Should we not strive to reach a state of gender equality in which the different behaviour, aspirations and needs of women and men are equally valued and favoured? Numerous studies have revealed, that science is gender biased, and women in particular suffer from a lack of gender equality.

Have I convinced you that something should be done! I hope so. So what can we do, you ask me? If it's a social issue it will be very difficult to change. And I say to you, you are right. It will be hard and it will take time to achieve change. But remember; if the need and realisation for change increases, it will become easier to make that change. It's a question of mass action. Everybody can help to make the change. Also you. Let me tell you about the FEBS Working Group on Women in Science in the hope that it will inspire you to develop activities in your own surroundings.

In July 2001 the FEBS council approved a proposal of the Executive Committee to establish a new Working Group on Women in Science (WISE). FEBS itself was founded in 1964 and today has more than 42.000 members in 43 member societies. FEBS is one of the largest organisations in European life sciences. It is a charity organisation that is run by scientists for scientists and utilises large and unique European network to promote biochemistry, molecular biology and biophysics.

WISE started in January 2002 and has initiated a number of activities on "Women in Science". WISE develops activities to create awareness and encourages people to participate actively in promoting gender equality in science. In collaboration with EMBO, WISE organises workshops at annual FEBS congresses and undertakes initiatives with the aim to expand the probability for women to pursue a career in science. WISE advises the different FEBS Committees on measures to improve the situation for women in science by for example promoting the participation of women scientists in the various committees. WISE also promotes gender equality in the scientific community by improving the visibility of women that have made major contributions to science.



FEBS Debate *Continued..*

And I can hear you say, visibility, how will that help? I tell you that visibility is probably the key word for all of the activities mentioned above. And the nice thing about it is, it is relatively simple. It is much easier to make women more visible than to change e.g. university policy makers to generate gender equality. But do realise, that the former may eventually lead to the latter.

So you ask me, how can we make women more visible? I give you a few ideas. One can increase the number of female invited speakers at international scientific meetings. But you may say, but where can I find these women. Then I tell you that there are databases of women experts in (life) science and technology. But you should also become alert yourself and spot female scientists. You know that most scientists just "know" about other scientists because they have seen them, read about them or heard about them. And so, visibility is extremely important.

"*Science needs women*", as I told you earlier, "*La science a besoin des femmes*" was the statement I read in Le Monde. It was part of the full-page advertisement with the announcement of the 5 laureates of the L'Oréal-Unesco prize 2006. The L'Oréal-Unesco award honours female scientists for their exceptional quality and at the same time provides role models for young scientists. The advertisement looked impressive, with large photographs of all the five laureates. To honour the achievements of women in science is of course a great way to promote visibility.

I hope you have become inspired, and that you will undertake actions that will help to promote a healthier gender equilibrium because "*La science a besoin des*

*Femmes*", "*Die Wissenschaft braucht Frauen*", "*La Ciencia necesita las Mujeres*".....YES: "*Science needs Women*"!

**Links:**

L'Oréal - Unesco awards 2006: [www.loreal.com](http://www.loreal.com)

European association for women in science, engineering and technology [www.witec-eu.net](http://www.witec-eu.net)

European commission website on Women in Science: <http://www.cordis.lu/improving/women/home.htm>

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**Saskia Van der Vies**, Professor at Department of Biochemistry and Molecular Biology, Faculty of Science, Vrije Universiteit (the Netherlands), is Chairwoman of FEBS working group on Women in Science (WISE)  
E-mail: [vdvies@few.vu.nl](mailto:vdvies@few.vu.nl)

*We encourage you to share your view on the issue raised by this month debater — join the debate in the "**Science needs Women & Women need Visibility**" forum at **FEBS Bulletin Board**, <http://www.febs.org/FebsBB>, where you will also find links to websites addressing this month's debate topic.*



## Opportunities

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### POST DOC OFFERED

OEIRAS, PORTUGAL

Experienced Researcher in Infectious Disease Epidemiology. The Instituto Gulbenkian de Ciência (IGC) is expanding its research and training capacity in Infectious Disease Epidemiology.

Amongst the rich diversity of research at the IGC, immunity and genetics of infectious diseases occupies six groups, while theoretical epidemiology is the theme for a new group that was recently launched with the support of the European Commission – Marie Curie Actions.

Although current research is strongly based on laboratory and computer, a major target for this year of 2006 is to strengthen field research. The IGC wishes to install a new group in Infectious Disease Epidemiology to carry out field research while exploring interactions with other groups at the Institute.

The present call is for an experienced researcher in Infectious Disease Epidemiology to work side-by-side with the Theoretical Epidemiology Group, lead by Gabriela Gomes. Diseases of current interest within the group include malaria, tuberculosis, pertussis, influenza and a number of other viral and bacterial infections.

The successful candidate should hold a PhD and demonstrate experience in field epidemiology and interest in collaborating with modelers.

The position is for three years.

The position is funded by a Marie Curie Excellence Grant.

According to Marie Curie definitions, selected candidates will benefit from attractive salaries and accompanying measures to facilitate mobility.

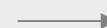
Informal enquiries should be addressed to Gabriela Gomes (ggomes@igc.gulbenkian.pt).

**Deadline for applications: As soon as possible/open until filled.**

The starting should be around May 1, 2006.

Applications, including research interests, CV, and three letters of reference should be sent to:

Paula Macedo, Instituto Gulbenkian de Ciência, Apartado 14, 2781-901 Oeiras, Portugal,  
Email: paulamacedo@igc.gulbenkian.pt, Tel: 351-214-464-601.





## Opportunities

### POST DOC OFFERED

LEUVEN, BELGIUM

Lab. Molecular Cell Biology, Institute of Botany and Microbiology, Department of Biology, KULeuven, Belgium and Department of Molecular Microbiology, Flanders Institute for Biotechnology (VIB).

Vacancy for post-doctoral researcher: A 4-year post-doc position is available for research on the development of novel genetic technologies for yeast and their application to properties important in industrial yeasts. The research involves recombinant DNA technology, genetic mapping and biochemical characterization in yeast. You will collaborate in a research group with two other postdocs, two PhD students and several technicians, hosted in a laboratory with about 50 researchers in total. It has very broad and extensive experience and know-how in fundamental and applied yeast research.

Profile: Candidates should have a strong background and technical experience in molecular biology and if possible yeast molecular genetics. An interest in applied yeast research is preferable.

**Application deadline: As soon as possible.** Starting date: March 2006. Duration: four years.

Please send your CV and two letters of reference to:

**Prof. Johan Thevelein**

Johan.Thevelein@bio.kuleuven.be  
Lab. Molecular Cell Biology  
Institute of Botany and Microbiology  
Department of Biology  
Katholieke Universiteit Leuven  
and Department of Molecular Microbiology  
Vlaams Interuniversitair Instituut voor Biotechnologie  
Kasteelpark Arenberg 31  
B-3001 Leuven-Heverlee, Belgium

Web site: <http://www.kuleuven.ac.be/bio/mcb/internet/index.html>

### FUNDING OPPORTUNITIES — HUMAN FRONTIER SCIENCE PROGRAM

Funding opportunities for international, interdisciplinary research projects in the basic life sciences:

The Human Frontier Science Program is an international funding program, supported by Australia, Canada, France, Germany, Italy, Japan, Republic of Korea, Switzerland, U.K., U.S.A. and the European Union. HFSP promotes international collaboration through a prestigious program of grants which support interdisciplinary research in the basic 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 30th 2006 and potential applicants must pre-register by **March 20th 2006** (see the HFSP web site at <http://www.hfsp.org> for further details).



## Opportunities

### 40 POSITIONS OFFERED

HANNOVER, GERMANY

**20 positions in the MD/PhD program “Molecular Medicine” and 20 positions in the PhD program “Infection Biology”.** Hannover Medical School (MHH), and the German Research Centre for Biotechnology (GBF), as part of Hannover Biomedical Research School, invite applications for the above PhD studentships, to commence in October 2006.

Both three-year study programs, taught in English, are aimed at post-graduates in Medicine as well as those from Life Science fields. Successful candidates will finish with a PhD, alternatively Dr. rer. nat. Scholarships are to be fully funded by the MHH, and GBF and their respective departments.

We are looking for highly-motivated candidates who have an active interest in one or more of the above fields. Excellent written and spoken English skills are required. With nearly two thirds of our students coming from outside Germany, international applicants are welcomed.

MD/PhD Molecular Medicine: Projects range from Immunology, Infection and Immunity, Oncology, Molecular Genetics, Signal Transduction, Developmental Biology, Stem Cells to Biochemistry. The program aims to form a bridge between Science and the Clinic, in research as well as in teaching. For information on the MD/PhD program “Molecular Medicine” please contact:

**Dr. Susanne Kruse** or **Marlies Daniel** (Tel: +49-(0)511-532-6011 E-mail: [daniel.marlies@mh-hannover.de](mailto:daniel.marlies@mh-hannover.de),

Application form: <http://www.mh-hannover.de/hbrs.html>

PhD Infection Biology: Research and teaching concentrates on the interaction of the pathogen (Bacteriology, Virology, Mycology, Parasitology) and the host (Immunology, Cell Biology and Infection Medicine). For information on the PhD Program “Infection Biology” please contact

**Natalie Evans** (Tel: +49-(0)511-532-9742 / E-mail: [zib@mh-hannover.de](mailto:zib@mh-hannover.de),

Application form: <http://www.mh-hannover.de/hbrs.html>

***Please state upon application the program you wish to join.***

**Deadline for completed applications: April 1<sup>st</sup>, 2006**

For further information on the GBF and TiHo and its research groups: <http://www.gbf.de>; <http://www.tiho-hannover.de>

### PHD POSITION OFFERED

LLEIDA, SPAIN

A position is open for a PhD fellow to join the Eukaryotic Cell Cycle Group, in the Basic Medical Sciences Department at the University of Lleida (UdL).

The biomedical research program of the Basic Medical Sciences Department aims at studying specific biological processes at cellular and molecular levels to understand the functional alterations of key human pathologies such as cancer, neurodegenerative disorders, ageing and oxidative damage. The Eukaryotic Cell Cycle Group studies the molecular mechanisms involved in cell proliferation, cell cycle progression, and differentiation using both budding yeast and higher eukaryotes as models.

We need a young talented individual with a background in biochemistry, molecular biology or related. Experience in the fields of cell cycle and yeast genetics is desirable. Candidates should speak fluent English or Spanish. The project that the candidate will develop is aimed at understanding the role of SMC protein complexes in chromosome metabolism and DNA repair in budding yeast. Particularly, the successful candidate will unravel the molecular mechanism of the Smc5/6 complex during chromosome replication and mitosis.

The fellowship is available immediately for six months, with the possibility to extend up to 4 years. Applicants should send a complete CV with contact information, details on education and training, research experience and other interests. If possible, please provide the name and contact of two referees.

**Application deadline: 30th April**

**Contact:** Dr Jordi Torres-Rosell, e-mail: [jordi.torres@cmb.udl.es](mailto:jordi.torres@cmb.udl.es)

For further information, please contact Dr. Torres-Rosell or see: <http://www.udl.es/usuarios/l4372283>



## Opportunities

### POST DOC OFFERED

OSLO, NORWAY

Intracellular transport.

The position, duration up to three years, will be allocated to the research group of Prof. Kirsten Sandvig at Inst. for Cancer Research, The Norwegian Radium Hospital. The group is one of three research groups at the Department of Biochemistry. We are all working on related subjects, and we provide an international research environment consisting of about 40 people in the field of transport/signaling in cells. More information about the projects and publications from the group of K. Sandvig can be found at the home pages — <http://radium.no/sandvig/>.

The candidate is expected to start in the period August 1<sup>st</sup>-December 15<sup>th</sup>, and the background of the candidate is likely to be in molecular biology/cell biology/biochemistry.

**Deadline for applications: May 15<sup>th</sup>.** The position is suitable for someone finishing a degree in 2006.

Further information can be obtained from:

**Prof. Kirsten Sandvig**, E-mail: [ksandvig@radium.uio.no](mailto:ksandvig@radium.uio.no). Tel.: (+47) 22934294

Applications should be sent to Prof. K. Sandvig,  
Dept. of Biochemistry, Inst. for Cancer Research, The Norwegian Radium Hospital,  
Montebello, 0310 Oslo, Norway.

### POST DOC OFFERED

PARIS, FRANCE

A postdoctoral fellow position is available immediately at the Curie Institute in Paris (France) in the field of cell biophysics.

The successful applicant will join a project focused on an experimental study of the biomechanical activity of the cell membrane. We are interested in investigating the mechanism of tension regulation at the cell interface.

The present project is intrinsically two-headed (physics/biology), meaning that the post-doctoral fellow will be working with both a group of physicists specialized in micropipette manipulation and optical tweezers (Dr. P. Nassoy) and a group of cell biologists specialized in membrane trafficking and endocytosis (Dr. C. Lamaze).

A background and training in biophysics may be preferred, but applicants with training in any field from physics to cell biology will be considered. Initial institutional funding is available at least for one year and the applicant will be expected to candidate for external sources of funding.

**Application deadline: September 1st, 2006**

Interested candidate should send an email with curriculum vitae, statement of research interest and names of three references to:

**Pierre Nassoy** : [pierre.nassoy@curie.fr](mailto:pierre.nassoy@curie.fr)

**Christophe Lamaze** : [christophe.lamaze@curie.fr](mailto:christophe.lamaze@curie.fr)

Please also visit our web pages: [http://www.curie.fr/recherche/themes/detail\\_equipe.cfm/lang/\\_gb/id\\_equipe/101.htm](http://www.curie.fr/recherche/themes/detail_equipe.cfm/lang/_gb/id_equipe/101.htm)  
[http://www.curie.fr/recherche/themes/detail\\_equipe.cfm/lang/\\_gb/id\\_equipe/300.htm](http://www.curie.fr/recherche/themes/detail_equipe.cfm/lang/_gb/id_equipe/300.htm)



## WWW of upcoming events

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| <p><b>What:</b> 3rd International Conference on Functional Genomics of Ageing</p> <p><b>When:</b> March 29—April 1, 2006</p> <p><b>Where:</b> Palermo, Sicily</p>                    | <p>For detailed information please see:</p> <p><a href="http://www.fga2006.elsevier.com/program">http://www.fga2006.elsevier.com/program</a></p>         |
| <p><b>What:</b> "From Lipid Analysis to Genetic Disorders"</p> <p><b>When:</b> May 9–12, 2006</p> <p><b>Where:</b> Marseilles, France</p>  | <p>For detailed information please see:</p> <p><a href="http://www.eurofedlipid.org/meetings/madrid">http://www.eurofedlipid.org/meetings/madrid</a></p> |
| <p><b>What:</b> International meeting "Immunotherapy of cancer: challenges and needs"</p> <p><b>When:</b> May 24–25, 2006</p> <p><b>Where:</b> Rome, Italy</p>                       | <p>For detailed information please see:</p> <p><a href="http://http://www.iss.it/">http://http://www.iss.it/</a></p>                                     |
| <p><b>What:</b> 31st FEBS Congress</p> <p><b>When:</b> June 24-29, 2006</p> <p><b>Where:</b> Istanbul, Turkey</p>  | <p>For detailed information please see:</p> <p><a href="http://www.febs2006.org">http://www.febs2006.org</a></p>   |
| <p><b>What:</b> Advanced Course "Membrane signaling and development"</p> <p><b>When:</b> July 10-19, 2006</p> <p><b>Where:</b> Island of Paros, Greece</p>                           | <p>For detailed information please see:</p> <p><a href="http://www.memsigdev.org/">http://www.memsigdev.org/</a></p>                                     |
| <p><b>What:</b> Computational Systems Bioinformatics Conference Stanford</p> <p><b>When:</b> August 14-16, 2006</p> <p><b>Where:</b> California, USA</p>                             | <p>For detailed information please see:</p> <p><a href="http://www.lifesciencessociety.org">http://www.lifesciencessociety.org</a></p>                   |
| <p><b>What:</b> 7th EMBL/EMBO Science &amp; Society conference "Genes, Brain/Mind and Behaviour"</p> <p><b>When:</b> November 2-4, 2006</p> <p><b>Where:</b> Heidelberg, Germany</p> | <p>For detailed information please see:</p> <p><a href="http://www.embl.org/conference2006/scope06">http://www.embl.org/conference2006/scope06</a></p>   |
| <p><b>What:</b> 1st Congress of the Society of Innate Immunity "SII"</p> <p><b>When:</b> May 13–16, 2007</p> <p><b>Where:</b> Antalya, Turkey</p>                                    | <p>For detailed information please see:</p> <p><a href="http://www.society-innateimmunity.org">http://www.society-innateimmunity.org</a></p>             |