



FEBS

Federation of European Biochemical Societies

Science, Research and PhD education

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Izmir, April 2011

WWW.FEBS.ORG



Federation of European Biochemical Societies - **FEBS**

Mission & Vision

➤ **FEBS Status - UK-registered Charity since 1964**

Now has 46 constituent societies with approx. 46,000 members

➤ **Mission of FEBS**

Promote **biochemistry** & related molecular **disciplines** in the **European Area**

➤ **Vision of FEBS**

Competitive **European Research Area** as a breeding ground for top science

➤ **FEBS Approaches**

Activities to achieve missions (education, training, mobility, ethics, science & society, women in science, policy-making & funding - i.e. **ERC**)

➤ **Voluntary basis**

All FEBS officers are **experienced scientists** working for FEBS as volunteers



Membership

- In order to be a member of FEBS, you need to be a member of any of our constituent societies.
- Membership of any FEBS constituent society = automatic membership of FEBS.
- As member of FEBS, you are offered a broad variety of options
such as....

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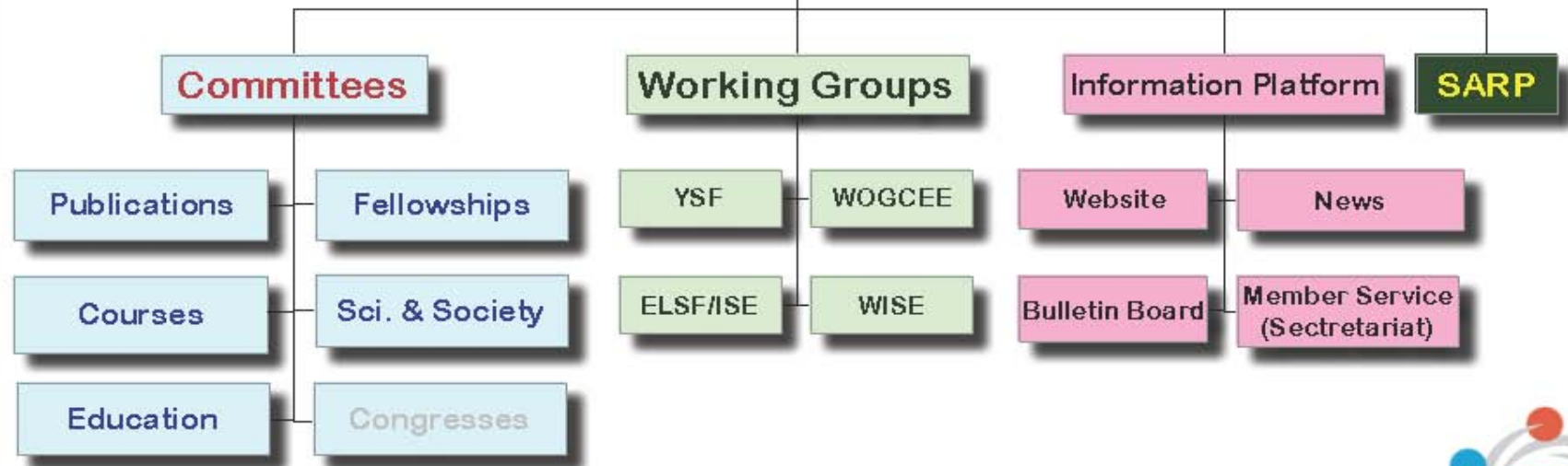
FEBS - Structure & Organisation

FEBS Council

One delegate with voting rights representing each of 46 Constituent Societies
Plus All Members of FEBS Executive Committee

FEBS Executive Committee

Chair of FEBS, Secretary General, Treasurer, Fellowships, Advanced Courses Committee, Publications, Science & Society, Congress Counsellor, YSF Chair & Chairs Working Groups



Fellowships

FEBS offers several types of fellowships

- ✓ Short-Term Fellowships
- ✓ Long-Term Fellowships
- ✓ Follow-up Research Funds
- ✓ Summer-Fellowships
- ✓ Collaborative Experimental Scholarships for Central and Eastern Europe

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Types FEBS of Fellowships

FEBS Short-Term Fellowships

Short-Term Fellowships are awarded for the purpose of scientific collaboration, advanced training or employing techniques not available at the candidates' usual place of work.

FEBS Long-Term Fellowships

Long-Term Fellowships are awarded to support long-term visits for the purpose of scientific collaboration or advanced training.

Types of FEBS Fellowships

FEBS Follow-up Research Fund

The aim of this Fellowship Follow-up Research Fund is to help young scientists who have been recipients of a FEBS Long-Term Fellowship to start work upon return to their country of origin after completion of their Fellowship.

FEBS Summer Fellowships

Summer Fellowships are awarded to young promising students in a FEBS country wishing to gain practical scientific experience in an institution located in another country within the FEBS area.

FEBS Scholarships for the CEE

Collaborative Experimental Scholarships for Central & Eastern Europe are for the exclusive benefit of students engaged in research for a doctoral thesis in the currently depressed economies of Central & Eastern Europe who need to visit a well-founded laboratory in Western Europe for the purpose of carrying out experimental procedures, which would be impossible in their home country because of a lack of resources.

FEBS Return-To-Europe Fellowships

Return-To-Europe Fellowships are awarded to support scientists having left the European area for post-doctoral training elsewhere wishing to return to Europe for a second post-doctoral position. These Fellowships are granted for two years.

Advanced Courses

FEBS offers several types of training

- ✓Lecture courses
- ✓Practical courses
- ✓Workshops
- ✓Special Meetings

YTF are available for all FEBS courses and workshops

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"FEBS Working Group on
Careers of Young Scientists"



Your career: a chain of opportunities and decisions

Prague
Sunday, July 5
Room B
Panorama Hall

programme

13,30-14,30

"Your career - a chain of opportunities
and decisions"

*Daniela Corda (FEBS), Lara Grazia Passante
(EC), Alan Craig (EC), Daniel Mietchen
(Eurodoc.net)*

13,30-13,50

"Brain circulation: opportunities through
Marie Curie Actions"

*Alan Craig, Marie Curie Actions,
Directorate General for Research European
Commission, Belgium*

13,50-14,10

"Timing your decisions"

*Daniel Mietchen, Eurodoc.net and Centre for
Neuroimaging, University of Jena, Germany*

14,10-14,30

Discussion and contributions from
participants

Complimentary refreshments served

In addition

For your career decisions and mobility,
ask the right people: face-to-face
consultations with the People
Programme Representatives will take
place throughout the duration of the
Congress at Booth 27

Sign up!!

<http://cordis.europa.eu/mariecurie-actions/>

• **Career
Sessions at the
main Congress**

Federation of European Biochemical Societies - FEBS

Instruments to Support Biochemistry & Molecular Life Sciences

➤ **Fellowships Programme**

Annual budget of >2 Mio € - Long-Term /Short-Term Fellowships; Return Home Fellowships

➤ **Advanced Courses Committee Programme**

Annual budget >1 Mio € - special equipment funds for Central & Eastern European countries

➤ **Annual FEBS & FEBS/IUBMB Young Scientist Forums**

Gathering of 100-120 young scientists before each FEBS Congress (YSF at IUBMB/FAOBMB)

➤ **Publications**

FEBS runs 3 prominent scientific journals - FEBS Journal, FEBS Letters & Molecular Oncology

➤ **Annual FEBS & Joint FEBS / IUBMB Congresses**

Goetheborg 2010, Torino 2011, Sevilla 2012

➤ **Science & Society, WISE, Education, SARP, WOGCEE, ELSF/ISE**

Additional supporting instruments in relevant areas including training and science policy making



FEBS Advanced Courses Committee - Programme

➤ **FEBS Advanced Lecture & Practical Courses - ALC / PC / PLC**

ALC maximal **120 young scientists**; PC /PLC no more than **24 young scientists**

Ratio of senior scientists to young scientists ~1:5 for ALC and ~1:2 for PLC /PC

➤ **Joint FEBS/EMBO Lecture Courses - EFLC**

Cooperation with EMBO - Additional EMBO lectures for WISE, Science & Society

Ratio of senior scientists to young scientists at EFLC ~1:5; EFLC maximal **120 young scientists**

➤ **Workshops - WS**

WS can host maximal **80 -100 participants**; Ratio senior scientists / young scientists ~1:1

➤ **Special Meetings - SM**

Specialized topics of high interest - usually **250-400 participants** with up to 40 invited speakers

➤ **NEW in 2010 - Cooperation with IUBMB**

Support of One **Invited IUBMB Speaker** for up to **10 WS / SM / ALC FEBS** events

FEBS Advanced Courses Committee - Young Scientist Support

Young Scientist: PhD Student & PostDoc within 5 years after PhD

➤ **FEBS Advanced Lecture Courses - ALC**

Some **25%** of young scientist participants can receive **YTF grants**. Eligible for **TransYTF grants**

➤ **Workshops - WS**

Some **25%** of young scientist participants can receive **YTF grants**. Eligible for **TransYTF grants**

➤ **Joint FEBS/EMBO Lecture Courses - EFLC**

Some **25%** of young scientist participants can receive **YTF grants**. Eligible for **TransYTF grants**

➤ **FEBS Practical Courses & Combined Practical /Lecture - PC / PLC**

All eligible student participants receive **YTF grants**. Special equipment funds for laboratories in Central & Eastern European countries

➤ **New in 2010 - Transcontinental YTF Grants for Young Scientists**

Organizers may award **TransYTF grants** to Young Scientists from **NON-FEBS** countries to attend **FEBS events** (in cooperation with IUBMB)

Africa (2) / South America (2) / Asia (4) / North America (4) for each ALC / EFLC / WS



FEBS Advanced Courses Committee - Application Procedure

Application in all **timely topics** in **biochemistry, molecular & cell biology and related areas** (i.e. **systems biology**) are welcome - **INTERDISCIPLINARY**

Quality of programme, speakers & training and previous evaluations are **key criteria** for funding decisions

➤ Open Invitation to Scientist Applicants

Yearly announcements and 2 annual calls; **deadlines** on **February 1st** & **August 1st**
ONLINE applications must be received 12-18 months before the event

➤ Advanced Courses Committee Evaluation Meetings

Two meetings per year (**9 committee members** - expertises in all relevant areas)
Support for **25-35 annual events**, with some additional **450-550 YTF grants** assigned per year

➤ Monitoring, Reporting & Evaluation

A committee member - "**Member-in-Charge**" - monitors and helps organizers with all matters.
Using **standardized forms**, organizers must provide a written **financial report, statistics** and **scientific report** 3 months after the event through the online system

Education Committee

- to advise the FEBS Council and other Committees on measures needed to ensure support for education in Biochemistry and Molecular Biology in Europe,
- to arrange an educational event at each FEBS Congress,
- to disseminate advice on educational resources and encourage the development of novel methods of teaching,
- to document the relative extent of education in Biochemistry and Molecular Biology within degree programmes in the FEBS countries.

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Postgraduate education” events organised by FEBS Education Committee (2006-2011)

| | Topic of Session | Date | Lieu | Title of Umbrella Activity |
|----|---|-----------------------|-----------------------|--|
| 1. | Symposium on “New Approaches to Postgraduate Education” | June 26, 2006 | Istanbul (Turkey) | 31st FEBS Congress |
| 2 | Symposium on “Post-Graduate Training” | June 29, 2008 | Athens (Greece) | 33th FEBS Congress in conjunction with IUBMB |
| 3. | Workshop on “Post-Graduate Education” | October 16-17th, 2008 | Sofia (Bulgaria) | FEBS Workshop on Biochemistry Education |
| 4. | Workshop on “Supervision” | September 30th, 2009 | Cluj-Napoca (Romania) | FEBS Workshop on Biochemistry Education |

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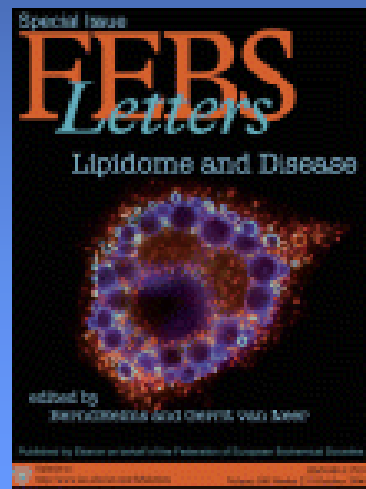
Posgraduate education” events organised by FEBS Education Committee (2006-2011)

| | Topic of Session | Date | Lieu | Title of Umbrella Activity |
|----|---|-------------------------|-------------------------------|---|
| 5. | Workshop on “Supervision” | May 2010 | Athens (Greece) | FEBS Workshop on Biochemistry Education |
| 6. | Workshop on “Post-Graduate Education” | September 16th, 2010 | Opatija near Rijeka (Croatia) | 10th Congress of the Croatian Society of Biochemistry and Molecular Biology |
| 7. | Workshop on “PhD Training in Europe: Where Are We Heading?” | June 27th, 2011 | Turin (Italy) | 36th FEBS Congress |
| 7. | Workshop on “Post-graduate education” | September 12-14th, 2011 | Bratislava (Slovakia) | FEBS Workshop on Biochemistry education |
| 8. | Workshop on “Post-graduate education” | November 2-4th, 2011 | Ljubljana (Slovenia) | FEBS Workshop on Biochemistry education |

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Neither of the mentioned nor any other FEBS activities would be possible without the continued support and success of our three publications



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2009
Awards



for Young Scientists
FEBS Journal | FEBS Letters

2009 AWARDS FOR
young scientists
€10,000 prizes



The FEBS Letters Award

is given to the author of the most outstanding research letter published in the previous calendar year. The awardee must be the corresponding author of the letter and be aged 40 years or younger at the time of manuscript acceptance.

Details at:

www.febsletters.org/content/youngscientist



The FEBS Journal Prize

is awarded to the graduate student or young post-doctoral research worker (no more than 3 years from the time of award of the PhD degree when the paper is submitted) who is the first author of a paper that is judged to be the best in FEBS Journal during the calendar year.

Details at:

www.febsjournal.org/young.asp

More information
on our prizes for
young scientists:

www.febsletters.org

www.febsjournal.org

Federation of European Biochemical Societies

FEBS Publications

Molecular Oncology
A journal for discovery-driven translational cancer research

The Stockholm Declaration
Potentiating antibody-directed therapy for melanoma
Drug-induced restoration of p53 function
NESH expression promotes the adverse effect of insulin

www.moloncol.org

Published by Elsevier, **Molecular Oncology** highlights new discoveries, approaches, as well as developments in **basic**, clinical discovery-driven **translational cancer research**. It also provides an international forum for debating cancer issues, and integrates input of all stakeholders. A **News** section includes updates **Cancer Research Infrastructures** (biobanks, databases)

www.febsjournal.org

the **FEBS Journal**
Volume 312, Number 1, January 2005

Review Articles
Translational research in breast cancer
Dimeric proteins

Blackwell Publishing

www.febsjournal.org

Published by Wiley-Blackwell, The **FEBS Journal** publishes full-length research papers and reviews in all areas of **molecular life sciences**. It has been named a **Rising Star** (Thomson Reuters Science Watch 2008) among leading journals in biology & biochemistry. Focus disciplines include genomics, bioinformatics, proteomics, molecular and cell biology, systems biology & signaling

FEBS Letters
The journal for rapid publication of short reports in molecular biosciences

- ▶ Tax protein mechanism
- ▶ Adenovirus-delivered siRNA
- ▶ Libraries from repeat proteins

Published by Elsevier on behalf of the Federation of European Biochemical Societies

ISSN 0 014 5793
Volume 500, Number 1-3, XX February 2005

www.febsletters.org

FEBS Letters enjoys international reputation for the **rapid publication** of short reports in many areas of Molecular Biosciences, and has recently become the first journal to publish **Structured Digital Abstracts** interlinking novel protein-protein interaction data directly with interaction databases



Federation of European Biochemical Societies

FEBS Publication Awards

Annual Awards for Young Scientists

FEBS, through its publications, acknowledges the research contributions of young scientists by awarding two yearly prizes of €10,000.
Prizes are presented at the FEBS Congress

**Submit your manuscripts to
FEBS Journal and FEBS Letters**

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

FEBS Journal Prize Winner 2008

Xueyan Zhao
University of Alabama at Birmingham, USA

The interferon-stimulated gene factor 3 complex mediates the inhibitory effect of interferon- β on matrix metalloproteinase-9 expression.

FEBS Journal 274: 6456-6468
* Published within the last 3 years



www.febsjournal.org

The **FEBS Letters Award** is given to the corresponding author, aged 40 years or less, of the most outstanding research letter published in the previous year.

FEBS Letters Prize Winner 2008

Kaspar Locher
ETH Zurich, Switzerland

Structure of the multidrug ABC transporter Sav1866 from *Staphylococcus aureus* in complex with AMP-PNP.

FEBS Letters 581: 935-938



www.febsletters.org

Xueyan Zhao, Susan Nozell, Zhendong Ma & Etty N Benveniste (2007). The interferon-stimulated gene factor 3 complex mediates the inhibitory effect of interferon- β on matrix metallo-proteinase-9 expression.

FEBS J. 274:6456–6468



Roger JD Dawson & **Kaspar Locher** (2007). Structure of the multidrug ABC transporter Sav1866 from *Staphylococcus aureus* in complex with AMP-PNP.

FEBS Lett. 581: 935-938



YSF - FEBS Working Group on the Career of Young Scientists

Main aim

To promote the career of Young Scientists through meetings, tutoring sessions and initiatives run in cooperation with other organizations

August 5, 2009, Shanghai



YSF - FEBS Working Group on the Career of Young Scientists

Activities:

- Young Scientists Forum meeting
- Career Sessions at the main Congress
- Tutoring sessions (CVs, Marie Curie face-to-face meetings)
- Collaboration with the FEBS Education Committee (CV session)
- FEBS collaboration with “The EMBO Laboratory management course”:
- The “YSF 10 year Conference”
- Joint programmes with the Young Scientist and career programme at EMBO, IUBMB (YSP in Shanghai 2009)

August 5, 2009, Shanghai

FEBS is also responsible for an annual Congress

- The Congress always takes place in a "FEBS country"
- It is always organised by a FEBS member country
- A "pre-congress" for young scientists (Forum for Young Scientists) takes place prior to any FEBS Congress
- FEBS has a Congress Counselor, who assists in the planning of the annual Congress

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Young Scientist Forum

Prague, July 2 – 4, 2009

Labyrinth of Cells and Molecules

Programme:

SESSION A - Functional Genomics & Proteomics

SESSION B – From biochemistry to medicine

SESSION C – Signal transduction in health & disease

SESSION D – Protein Structure & Interactions

SESSION E – Cellular biochemistry

Keynote lectures:

Jiri Bartek- DNA damage response: Mechanisms and roles in biology and human diseases

Pascale Zimermann- From interactions to function: understanding the syntenin pathway

Bettie-Sue Masters- Opportunities, Challenges, and Outcomes of a Lifetime in Science

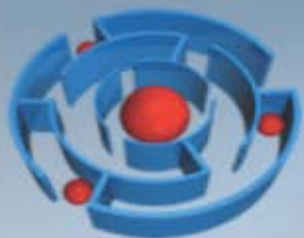
Round Table Discussion

Jan Taplick EMBO Fellowships Programme

Keith Elliot FEBS Education Committee

Lara Passante Marie Curie Actions

Luc Kupers Genzyme Director Science & Communication



Young Scientist Forum

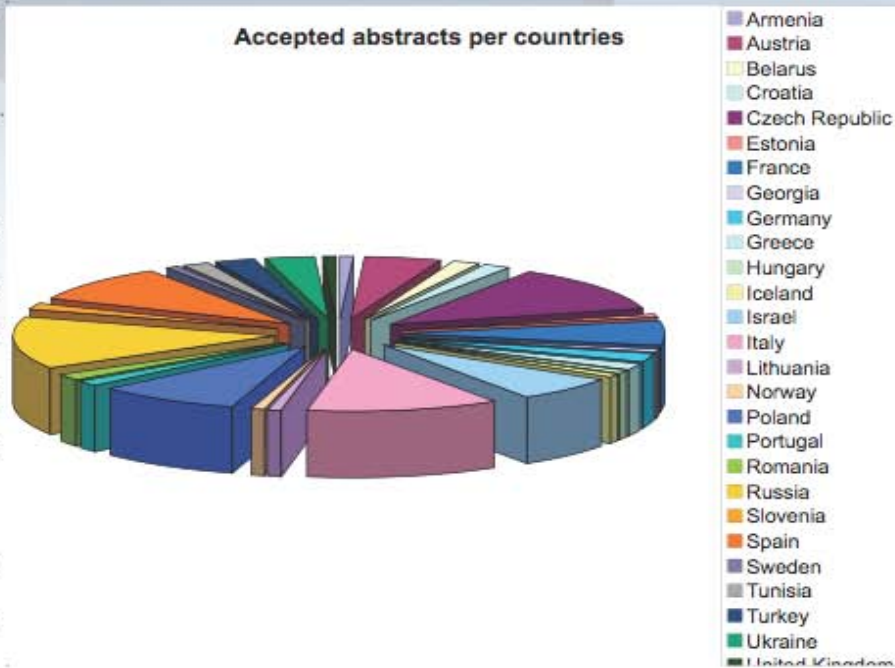
Prague, July 2 – 4, 2009

Labyrinth of Cells and Molecules

National Distribution

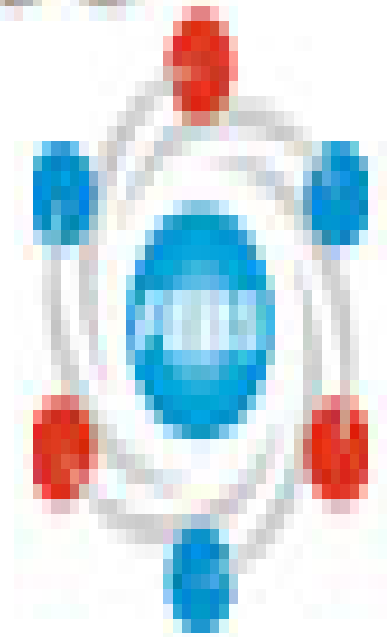
| | | | |
|-----------------------|-----------|-----------------------|-----------|
| Armenia | 1 | Italy | 15 |
| Austria | 6 | Lithuania | 1 |
| Belarus | 2 | Norway | 1 |
| Croatia | 2 | Poland | 11 |
| Czech Republic | 15 | Portugal | 2 |
| Estonia | 1 | Romania | 2 |
| France | 8 | Russia | 17 |
| Georgia | 1 | Slovenia | 2 |
| Germany | 3 | Spain | 12 |
| Greece | 2 | Sweden | 1 |
| Hungary | 1 | Tunisia | 2 |
| Iceland | 1 | Turkey | 3 |
| Israel | 8 | Ukraine | 4 |
| | | United Kingdom | 1 |

Accepted abstracts per countries



36TH FEBS CONGRESS

BIOCHEMISTRY FOR
TOMORROW'S MEDICINE
TORINO, ITALY JUNE 25-30, 2011



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The vision of FEBS

**A competitive Europe - Europe as the nest
and preferred choice/environment for
excellent researchers
we support young researchers –
PhD students
they are our future.**

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