

# Funds and programmes of Young Scientists (FEBS, EMBO, Marie Curie Actions)

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*Charles University in Prague*  
*FEBS Education Committee*

Izmir March 2012

# 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



# 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

### Committees

Publications

Fellowships

Courses

Sci. & Society

Education

Congresses

### Working Groups

YSF

WOGCEE

ELSF/ISE

WISE

### Information Platform

Website

News

Bulletin Board

Member Service  
(Secretariat)

### SARP







## BRINGING SCIENTISTS TOGETHER

[ABOUT US](#)[NEWS](#)[MEMBERSHIP](#)[FELLOWSHIPS](#)[COURSES](#)[FEBS CONGRESS](#)[PUBLICATIONS](#)[INITIATIVES](#)[AWARDS](#)[SHORT-TERM](#) | [LONG-TERM](#) | [YOUNG INVESTIGATOR](#) | [FOLLOW-UP FUND](#) | [SUMMER](#) | [COLLABORATIVE](#) | [RETURN-TO-EUROPE](#) | [CHINESE EUROPEAN VISITING FELLOWSHIPS](#)

### FEBS Fellowships

Our Fellowships Programme was set up in 1971. Since then it has come to be known as a highly competitive and prestigious programme. This is thanks to our rigorous selection methods and the package we offer fellows.

As part of our commitment to young scientists, we offer both short-term and long-term fellowships to members of our Constituent Societies, as well as summer fellowships to promising young students, and awards and follow-up grants to past holders of a FEBS Long-Term Fellowship. We also offer scholarships designed exclusively for members of our Constituent Societies in the currently depressed economies of Central and Eastern Europe and former co-Europe member states in post-Soviet countries wishing to come back to the European continent.

Our fellowships and scholarships are intended to allow members of our Constituent Societies working in a FEBS country to work in a laboratory in another FEBS country or, in the case of Return-To-Europe Fellowships, to again work in a FEBS country. Because of their young age, applicants for a Summer Fellowship need not be members of a FEBS Constituent Society.

For information on our Constituent Societies, click [here](#)

By clicking the submenus above, you will find more information on each scheme.

#### UPCOMING

Congress  
22<sup>nd</sup>  
IUBMB  
37<sup>th</sup> FEBS

iubmb&febs  
Sevilla2011  
4 - 9 September

# The basic priorities

Excellence

Passion for science

Mobility

European dimension

Early part of career

# *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

***WWW.FEBS.ORG***



# 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.

# Long-term

- Up to three years. 15-20% success
- 2 calls, April 1 and October 1
- Judged by full Committee
- Normally 1st post-doc
- Stipends, not salaries
- Variable amount depending on place (cost of living) and family charges: examples

Barcelona, 33 years 36,000€/year; Groningen, 27 years, 28,500€  
Cambridge, 30 years 27,000 pounds & at 31 years 29,416  
pounds; Trieste 32 years and 2 children, 24,750€+ 20% family  
charges



# 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 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.

# 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.

# Evaluation

- Quality of candidate
- Quality of project
- Quality of group where you go
- Importance of choosing well: reference letters
- Explain your situation clearly. Purpose

## General Guidelines for FEBS Fellowships

1. FEBS Fellowships and Scholarships are intended to allow members of a FEBS Constituent Society to work in a laboratory in a different FEBS country from that in which they are normally working. Applications from developing countries in the FEBS area of interest may be considered, but full funding of the travel costs may not be given.
2. Applicants (except those applying for a Summer Fellowship) should be a member of a FEBS Constituent Society. Applications from senior scientists will not be considered.
3. FEBS Fellowships and Scholarships may not be used to complement, or as an extension to, another fellowship or scholarship; applicants should state whether applications have been submitted to other grant-awarding bodies for the same project and whether any other grants have been received towards the same projected visit.
4. No grant will be given by FEBS to the institute receiving the Fellow or Scholarship Holder to cover research costs or bench fees.
5. FEBS does not recognise recipients of its Fellowships or Scholarships as agents or employees of the Federation and accepts no liability for their actions and activities, or for their health and safety. It is the responsibility of the Fellow or the Scholarship Holder to ensure that the host institute is fully covered by the appropriate insurances.
6. Medical and travel insurance are not provided by FEBS. Recipients of grants are urged to ensure that they are fully covered by the necessary insurances.
7. FEBS is a non-governmental organisation and its Fellowships, Scholarships, Awards and Grants are not automatically endowed with any tax privileges. It is the responsibility of the recipient to pay any taxes levied by a national authority.
8. Applicants should ensure that their application is complete. Incomplete applications or applications that do not correspond to the criteria defined in the rules governing the scheme for which they are applying will be rejected.
9. Applications from candidates who have in any way modified the FEBS Application Form will immediately be rejected, irrespective of the quality of the application.
10. Applications submitted will not be returned to the applicants.

### UPCOMING



### RELATED INFORMATION

[General Guidelines for FEBS Fellowships](#)

[Guidelines for Short Term Fellowships](#)

[Guidelines for Long-Term Fellowships](#)

[Guidelines for FEBS Distinguished Young Investigator Award](#)

[Guidelines for FEBS Fellowship Follow-up Research Fund](#)

[Guidelines for Summer Fellowships](#)

[Guidelines for Collaborative Experimental Scholarships for Central & Eastern Europe](#)

[Guidelines for FEBS Return-To-Europe Fellowships](#)

[Guidelines for Chinese European Visiting Fellowship](#)

[Application Forms - Short-Term Fellowships](#)

[Application Forms - Long-Term Fellowships](#)

[Application Form - FEBS Follow-up Research Fund](#)

[Application Forms - Summer Fellowships](#)

## *Advanced Courses*

FEBS offers several types of training

- ✓ Lecture courses
- ✓ Practical courses
- ✓ Workshops
- ✓ Special Meetings
- ✓ Combined Practical & Lecture Courses

YTF are available for all FEBS courses and workshops

*[WWW.FEBS.ORG](http://WWW.FEBS.ORG)*





## **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



Advanced Lecture Courses address topical subjects of general importance and allow participating young scientists to interact with invited scientific leaders in the field during oral presentations, poster sessions, round-table discussions and tutorials.

*[WWW.FEBS.ORG](http://WWW.FEBS.ORG)*



Workshops address timely topics of high scientific interest, bringing together experts and interested young scientists. Oral presentations, poster sessions and round-table discussions ensure active involvement and mutual interaction of all participants.

*[WWW.FEBS.ORG](http://WWW.FEBS.ORG)*



Practical Courses teach advanced experimental and computational methods in the molecular life sciences, so that young scientists can apply these methods in their home laboratories. The number of students participating in these courses should not exceed 24.

*[WWW.FEBS.ORG](http://WWW.FEBS.ORG)*



**Combined Practical & Lecture Courses**  
should have strong hands-on training elements in order to teach participating students basic and advanced techniques in molecular life sciences, in addition to providing lectures and seminars.

***[WWW.FEBS.ORG](http://WWW.FEBS.ORG)***



**Organizers of these events may apply for FEBS Youth Travel Fund grants to support participation of PhD students and young scientists from countries with FEBS Constituent Societies, and FEBS Trans-Continental Youth Travel Fund grants for young scientists from Asia, Americas and Africa.**

***[WWW.FEBS.ORG](http://WWW.FEBS.ORG)***



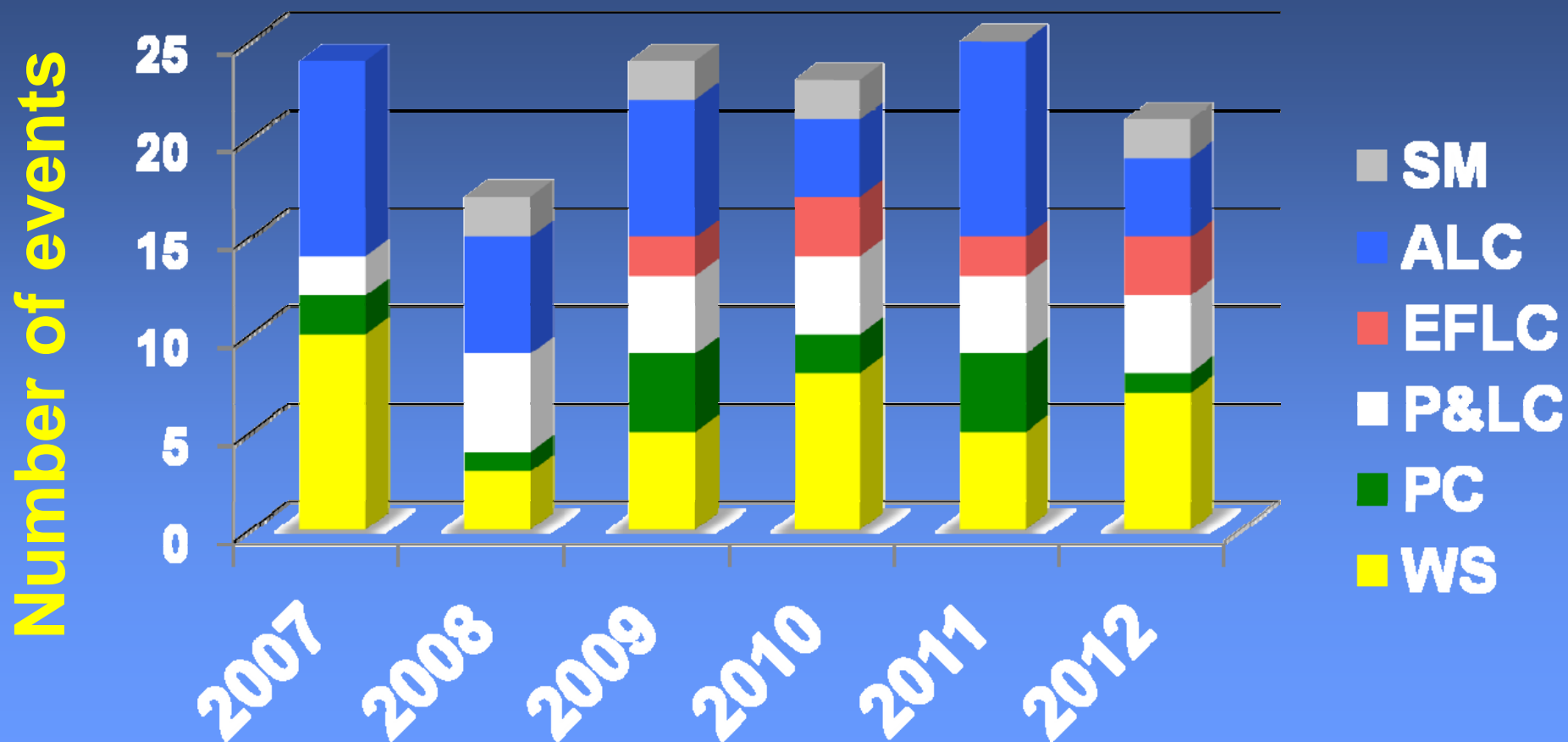


Special Meetings address timely topics of high scientific interest and have a top-level speaker programme featuring the leading scientists in the field, oral presentations based on selected abstracts, and poster sessions. The Meeting should have at least 250 participants.

*[WWW.FEBS.ORG](http://WWW.FEBS.ORG)*



## *Advanced Courses Programme '07 – '12*



[WWW.FEBS.ORG](http://WWW.FEBS.ORG)



FEBS ADVANCED COURSES 2012



*From the FEBS News 1, 2012*

# 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





# 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 Zimmermann**- 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 Scientists Program at the IUBMB–FEBS Congress 2012

The 37th FEBS Congress will be a joint meeting with the IUBMB (International Union of Biochemistry and Molecular Biology) in September 2012 in Sevilla, Spain, organized by the Spanish Society of Biochemistry and Molecular Biology (SEBBM). The theme 'From Single Molecules to Systems Biology' promises comprehensive and interdisciplinary coverage of the latest progress in bioscience research, and an impressive range of plenary speakers are already lined up. For more information about the Congress see the meeting website at <http://www.iubmb-febs-2012.org/>

Since 2001, FEBS has supported a satellite meeting for young scientists that precedes its annual Congress, with the aim of promoting interactions among researchers in the pre-doctoral and early post-doctoral stages of their careers. As can be seen from the report about the Young Scientist Forum at the FEBS Congress in Torino this year (page 7), this event provides opportunities for participants to present results to an international audience, network with senior scientists and receive career advice – as well as to form friendships and have fun in a relaxed and informal setting. For the 2012 Congress, a 'Young Scientists Program' (YSP) for 125 young



YSP 2012 venue:  
The Elba Costa  
Ballena Hotel  
(left) and beach  
(below)

scientists will take place from 1st to 4th September 2012 at the attractive seaside resort of Costa Ballena (Cádiz),



approximately one hour's drive from Sevilla. Applications for the YSP are invited from young members (PhD students or young post-doctoral scientists) of FEBS, IUBMB or associated societies who are first authors on abstracts submitted to the Congress. Full details about eligibility are given in the YSP section of the Congress website at <http://www.iubmb-febs-2012.org/IUBMBFEBS2012/index.asp?item=2127>. Successful applicants – selected by the YSP 2012 Evaluation Committee – will receive YSP fellowships that cover registration, accommodation in shared rooms and most travel costs for this event and also the subsequent IUBMB–FEBS Congress in Sevilla.

Online registration for the YSP opens on 1st November 2011. The deadline for registration and abstract submission is **15th January 2012**. We look forward to welcoming you in Cádiz and Sevilla.

**iubmb&febs**  
Sevilla 2012

**Congress**  
**22nd IUBMB**  
**37th FEBS**

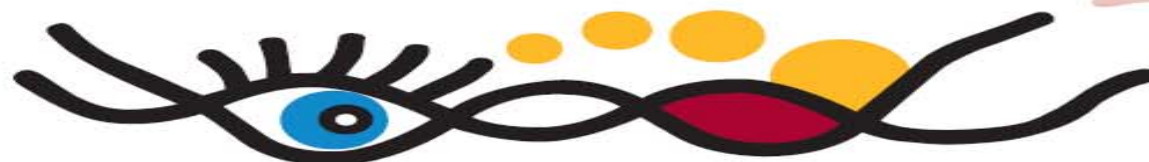
**From Single Molecules  
To Systems Biology**

[www.iubmb-febs-2012.org](http://www.iubmb-febs-2012.org)  
Sevilla, Spain • September 4 – 9, 2012

### Plenary lecturers at the 22nd IUBMB and 37th FEBS Congress

Bruce Alberts (San Francisco, CA, USA) • Carlos Bustamante (San Francisco, CA, USA) • Sai-Juan Chen (Shanghai, China) • Anne Ephrussi (Heidelberg, Germany) • Christian Griesinger (Göttingen, Germany) • Robert Huber, Nobel Laureate (Martinsried, Germany) • Tim Hunt, Nobel Laureate (Hertfordshire, UK) • Carlos López-Otin (Oviedo, Spain) • Mathias Mann (Martinsried, Germany) • Joan Massagué (New York, NY, USA) • Kazutoshi Mori (Kyoto, Japan) • Ferid Murad, Nobel Laureate (Washington, DC, USA) • Venki Ramakrishnan, Nobel Laureate (Cambridge, UK) • Ada Yonath, Nobel Laureate (Rehovot, Israel)





**iubmb&febs**  
Sevilla 2012

Congress  
22<sup>nd</sup> **IUBMB**  
37<sup>th</sup> **FEBS**

**From Single Molecules  
To Systems Biology**



International Union  
of Biochemistry  
and Molecular Biology



Sociedad Española  
de Bioquímica y  
Biología Molecular



Federation of European  
Biochemical Societies

[www.iubmb-febs-2012.org](http://www.iubmb-febs-2012.org)

**Sevilla, Spain \* September 4 - 9, 2012**

# **EMBO- Funding, training & networking- [www.embo.org](http://www.embo.org)**

- Access to funding, training and networking is essential for young scientists to develop the qualities needed to excel in their research careers. Through key programmes developed for early career scientists, from post-doc to young group leader, EMBO offers resources to plan for success.

# EMBO- Funding, training & networking

- EMBO Courses & Workshops
- Funding and support for molecular life scientists to organize events that inform and train researchers at all career stages.  
Funding is available for practical courses, workshops, conference series, as well as plenary lectures.

# EMBO- Funding, training & networking

- EMBO Fellowships
- Broaden the post-doctoral research experience through exposure to new environments. These young researchers are supported by one of the most prestigious international fellowships - a core programme since the foundation of EMBO - as they set out to becoming accomplished scientists.

# EMBO- Funding, training & networking

- EMBO Young Investigators
- Talented young group leaders in the first years of establishing independent research laboratories. The first programme of its kind in Europe, young investigators receive financial, academic and practical support and participate in a vibrant network of more than 200 young scientists.

# EMBO- Funding, training & networking

- **EMBO Installation Grants**
  - Help promising scientists relocate and set up their labs in participating countries. Installation Grantees are integrated into the EMBO Young Investigators network to benefit from the offered support.
- **EMBO Career Development**
  - Mobility and career resources to scientists at all career stages.



# Marie Curie Action

- **Career Opportunities for Researchers**
- **anytime - anyplace – anywhere**
- **Initial Training Networks (ITN)**
- *today's young researchers are vital to Europe's future. At Marie Curie Actions, we are well aware of that.*
- *Initial Training Networks (ITN) offer early-stage researchers the opportunity to improve their research skills, join established research teams and enhance their career prospects.*

[http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html)

- **Intra-European Fellowships for career development (IEF)**
- *At various stages of their career, experienced researchers may welcome an opportunity to acquire new research skills or to work in other sectors. This broadening of their horizons also helps to broaden Europe's knowledge base. In turn, that makes our economy more competitive, providing more and better jobs.*

# People' Specific Programme

<http://cordis.europa.eu/fp7/people>

- Initial training of researchers to improve mostly young researchers' career
- Life-long training to support experienced researchers in complementing or acquiring new skills and competencies,
- Industry-academia pathways and partnerships' to stimulate intersectoral mobility and sharing joint research partnerships.



# 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.**

***WWW.FEBS.ORG***

