

FEBS3+ XL SEBBM Congress The Annual Congress of the SFBBM

23–26 October Barcelona2017

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The **Abstract Search** online of FEBS3 Barcelona 2017 is a tool that allows you to select submissions to Congress.

Search criteria are keywords that selectively tracked in titles, abstracts, authors or filiations.

Herraez

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Exact Phrase

P09-3

Promotion of educational innovation in biosciences from European scientific societies

Ángel Herráez

Biochemistry and Molecular Biology, Dept. of Systems Biology, Universidad de Alcalá, Alcalá de Henares, ES

A concern about teaching methods and strategies is increasing among the educators in biochemistry and molecular biology. This is boosted by the fast development of the subject, the changing attitudes of the young and the need to train the students for a fast evolving professional market. It has been particularly reinforced since the needed reform in the degrees for the European Higher Education Area.

To many university professors this has brought a great deal of stress and doubts. But we are not alone, and our particular situation is not singular. Many people in many countries are facing similar challenges for readdressing teaching methodologies. Therefore, it is capital that we know experiences from other colleagues, we work together in designing the best approaches for our task as instructors, trainers, facilitators of learning.

FEBS has been supporting communication among biochemistry educators from diverse countries. Aims are to disseminate advice on educational strategies, facilitate sharing, encourage innovative methods, as well as define quality standards. FEBS Education Committee regularly develops education workshops and organises sessions within each FEBS Congress. Another initiative is the group of "FEBS Education Ambassadors", with a representative from each interested national society, that is working to strengthen collaboration and developments. An ongoing project is a new web portal, the FEBS Expert Network, that will grow a community, foster collaboration, provide services, and support FEBS activities. The education channel within this portal will provide means for connection, exchange, discussion, and support for courses.

Finally, a new Education Section has been created in FEBS Open Bio, to attract research articles dealing with educational issues.

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SEPTEMBER 25, 2017

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SEPTEMBER 18, 2017

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SEPTEMBER 5, 2017

Payment Deadline for Registration with a free abstract

AUGUST 28, 2017

Late/On-Site Registration Opening and payment (no abstract submission)

NEW DEADLINE!

AUGUST 24, 2017

Early Registration Closing

Abstract Submission Closing

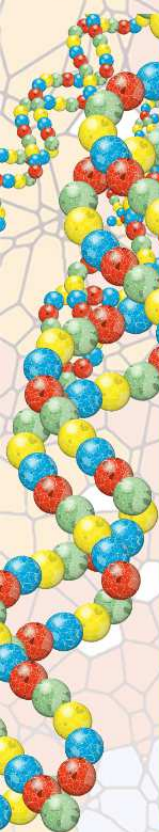
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SCIENTIFIC PROGRAM | Working Groups Meetings

Monday, October 23, 2017

R09. Teaching Biochemistry

From 14:30 to 17:00 h.

Coordination: Néstor V. Torres Darias (Department of Biochemistry, Microbiology, Cell Biology and Genetics, Universidad de La Laguna; Coordinator of the Group of Teaching of Biochemistry of the SEBBM; Ambassador for Education of the SEBBM in FEBS) and Juan Antonio Aguilera Mochón (Dpto. Bioquímica y Biología Molecular I, Univ. de Granada, Granada, ES)

14:30 - 14:50 h Room 4	P09-3 Promotion of educational innovation in biosciences from European scientific societies Ángel Herráez · Biochemistry and Molecular Biology, Dept. of Systems Biology, Universidad de Alcalá, Alcalá de Henares, ES
14:50 - 15:10 h Room 4	P09-14 Composing good practices on education Jean-Luc Souciet · Professeur émérite, Université de Strasbourg et CNRS; Member of FEBS Education Committee, Strasbourg, FR
15:10 - 15:30 h Room 4	P09-10 Relevance and impact of the formative profile of new students in science degrees for their progress and permanence (with special attention to their results in Biochemistry subjects) Rodrigo Trujillo González · Universidad de La Laguna, La Laguna, ES
15:30 - 15:50 h Room 4	P09-15 Is Problem-Based Learning a Motivating Didactic Strategy for Undergraduate Science Students to Study Metabolism? Miguel Ángel Medina Torres · Universidad de Málaga, Andalucía Tech, Departamento de Biología Molecular y Bioquímica, Facultad de Ciencias, Málaga, ES
15:50 - 16:10 h Room 4	P09-11 Teaching strategies to afford mathematical contents in Molecular Systems Biology: An experimental on-hands oriented experience Hilario Ramírez Rodrigo · Department of Biochemistry and Molecular Biology I University of Granada, Granada, ES
16:10 - 16:30 h Room 4	P09-16 Enhanced interactivity in and outside the classroom Magali Blaud · Department of Biological and Medical Sciences, Université Paris Descartes, Paris, FR
16:30 - 16:50 h Room 4	P09-6 The challenge of improving the understanding of biochemistry: a new methodology integrating basic subjects in clinical scenarios Iván Rodriguez-Martin · Universidad Europea de Madrid, Villaviciosa de Odón, ES

R20. 3+ Emerging Scientist Workshop

From 14:30 to 17:00 h.

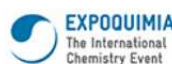
Coordination: Fernando Moreno-Herrero (Centro Nacional de Biotecnología, CSIC, Madrid)

14:30 - 14:50 h Room 3	P20-13 How a bacterial actin regulates a bacterial tubulin to divide <i>Escherichia coli</i> cells Marcin Krupka · University of Texas, Health Science Center at Houston, Houston, US
14:50 - 15:10 h Room 3	P20-8 Substance P and its receptor NK1 regulates disseminated tumour cells biology and dormancy Paloma Bragado · IDIBAPs, Barcelona, ES
15:10 - 15:30 h Room 3	P20-14 Structural basis for transthyretin amyloidosis Javier Oroz · DZNE, Göttingen, DE
15:30 - 15:50 h Room 3	P20-3 Novel pathways involved in the control of survival and death in neuronal ischemic tolerance María Delgado-Esteban · Institute of Biomedical Research of Salamanca,

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