



FEBS Workshop on Biochemistry and Molecular Biology Education

Trends & Tips

Trends in Undergraduate Biomolecular Science Education

&

Tips for Postgraduate Students and Beyond

Izmir - Türkiye, 29-30 March, 2012

<http://febseducationworkshopizmir.blogspot.com>

FEBS Education Committee: K. Barišić, K. Elliott, A. Herráez, W. Nellen, T. Zima, P. Ott and G. Güner-Akdoğan (Chair)

FEBS General Secretary: I. Pecht **With kind support from:** F. Goñi, D. Riesner, K. Mattick, J. H. Weil, H. Abacıoğlu, F. Sağın

Workshop Coordinator: F. Sağın (Chair-Educational Activities Committee, Turkish Biochemical Society)

Hosted by: N. Özer (President-Turkish Biochemical Society)

March 29, 2012-Thursday

09:00-09:30 Registration

09:30-10:15 Welcome and Opening remarks

F. Sağın-Workshop Coordinator

G. Güner Akdoğan-Chair, FEBS Education Committee

K. Elliott-FEBS Education Committee

E. Demirtaş President, İzmir Chamber of Commerce

N. Özer-President, Turkish Biochemical Society

10:15-10:30 Coffee break

Session 1 Trends in Undergraduate Basic Science Education - Integration

10:30-11:00 Integration of biomolecular sciences in undergraduate medical curriculum

K. Mattick (UK)

11:00-11:45 Great Ideas and Best Practices (Short presentations)

1) Using Problem-Based-Learning (PBL) for integration: Experience from Hacettepe University School of Medicine

E. Demirpençe (Türkiye)

2) Use of "Dry Laboratory Practicals" for integration of PBL learning objectives into vignettes: a Dokuz Eylül University experience

H. İşlekel (Türkiye)

3) Group Work that Works! - Use of team-based learning (TBL) for effective integration of basic science concepts into real life cases

F. Sağın (Türkiye)

11:45-12:00 General Discussion – Q&A

12:00- 13.30 Lunch



Session 2 Trends in Undergraduate Basic Science Education - New Educational Technologies

13:30-14:00 New technologies and making educational use of them

A. Herráez (Spain)

14:00-14:45 Great Ideas and Best Practices (Short presentations)

1) Medical Faculties Network (MEFANET) aimed to advance learning with the use modern information technology

T. Zima (Czech Republic)

2) The impact of online education in clinical biochemistry, the foundations and frontiers

T. Özben (Türkiye)

3) Educational use of molecular dockings in drug designs: a sample study

L. Çavaş (Türkiye)

14:45-15:00 General Discussion – Q&A

15:00-15:15 Coffee Break

Session 3 Meet the Expert

15:30-17:00 Structured round-table discussions with the experts

<i>Integration (K. Mattick)</i>	<i>Problem-Based Learning-(PBL) Manchester Experience (K. Elliott)</i>	<i>Problem-Based Learning (PBL)-Dokuz Eylül Experience (G. Güner-Akdoğan)</i>	<i>Team-Based Learning (TBL) (F. Sağın)</i>	<i>Educational Technologies (A. Herráez)</i>	<i>Medical Faculties Network (T. Zima)</i>
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Session 4 Posters

17:00-18:30 Poster Viewing Session

19:00-21:00 Welcome Cocktail (*Kaya İzmir Thermal & Convention, under the auspices of Turkish Biochemical Society*)

March 30, 2012-Friday

Session 5 Science Communication

09:00- 09:30 Communication of science: Educating the public

W. Nellen (Germany)

09:30- 10:00 Small group work (Dividing into groups such as communication ethics, science journalism, perception of science, etc)

10:00-10:25 Presentation of group reports & exchange of ideas and general discussion

10:25-10:30 Researchers' Night 2012; Where Society Meets Scientists (Event Announcement&Short Presentation)

B. Çavaş (Türkiye)

10:30-10:45 Coffee break



10:45-12:15 How to write and publish a scientific article- Editor's view (Interactive lecture)
F. Goñi, (Spain)

12:15-13:30 Lunch

Session 6 Professional Development of Young Scientists

13:30-14:00 Essential competencies and skills for the industry
D. Riesner (Germany)

14:00-14:15 Discussion – Q&A

14:15-14:45 Funds and programmes for young scientists (FEBS Fellowships and Programmes, EMBO Fellowships, Marie Curie, EU Programmes)
T. Zima (Czech Republic)

14:45-15:00 Discussion – Q&A

15:00-15:30 Preparing your curriculum vitae (CV) - how to make the most of yourself!
K. Elliott (UK)

15:30-15:45 Discussion - Q&A

15:45-16:00 Coffee break

16:00-16:30 Finding one's way in the Internet: where to search effectively
A. Herráez) (Spain)

16:30-16:45 Discussion - Q&A

16:45-17:15 Tips on how to give a successful scientific lecture
H. Abacioğlu (Türkiye)

17:15-17:30 Discussion - Q&A

Session 7 Meet the Expert (Upon Registration)

17:30-18:30 Simultaneous face to face consultations of young scientists with experts in small groups

<i>Career Planning in the Industry</i> <i>(D. Riesner)</i>	<i>Funds & Programs</i> <i>(T. Zima)</i>	<i>CV Clinic</i> <i>(K. Elliott)</i>	<i>Internet Searching</i> <i>(A. Herráez)</i>	<i>Oral Scientific Presentations</i> <i>(H. Abacioğlu)</i>	<i>Science & Society Dialogue</i> <i>(J. H. Weil)</i>
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Session 8 Closing

18:30-18:45 FEBS as a charity to promote science in Europe
I. Pecht (General Secretary of FEBS) (Israel)

18:45-19:00 Closing-Poster Awards *(F Sağın, G Güner-Akdogan, N Özer, I Pecht)*

20:30-23:00 Gala Dinner *(Hilton Hotel, under the auspices of İzmir Chamber of Commerce, upon registration)*