

Workshop on Education in Molecular Life Sciences (Debrecen, Hungary)

24-25th August, 2014

The Hungarian Society of Biochemistry and Molecular Biology proposed to include the workshop within the framework of the annual conference of the Hungarian Biochemical Society, held in Debrecen, between August 24 and 28 (both Profs. Vértessy and Fésüs were in charge of the Congress).

It was decided to hold the workshop as an “annex” to the Congress, to provide more focused time on education. This was a one-and a half-day workshop. The main topics were: curriculum planning, designing laboratory practicals, problem-based learning, and research in undergraduate education.

Venue: University of Debrecen
Hosted by Hungarian Biochemical Society.

Coordinator from Hungarian Biochemical Society:

Prof. László Dux (University of Szeged)
Prof. Beáta Vértessy (Budapest University of Technology)

From FEBS Education Committee:

Prof. Gül Güner Akdogan (Chair) (Izmir, Turkey)

Workshop Trainers:

Prof Matthias Sprinzl (Bayreuth, Germany)
Prof Gül Güner Akdogan (Izmir, Turkey)
Dr Anikó Görbe (Szeged, Hungary)
Dr Margit Keresztes (Szeged, Hungary)
Dr Tamás Csont (Szeged, Hungary)

With kind support of

Prof. Mathias Sprinzl, Chair, FEBS WGI (Bayreuth, Germany)
Prof. László Fésüs, Chair, FEBS Publications Committee (Debrecen, Hungary)
Prof. Beáta Vértessy, Chair, FEBS Advanced Courses Committee (Budapest, Hungary)

Attendance:

This workshop was very well attended, with around 60 participants at all career stages and with representatives from different Hungarian universities. The sessions were highly interactive, with lively small-group discussions.

Programme

DAY 1			Sunday, August 24 th , 2014		
09:00-09:15	Introduction to the Workshop	László Dux			
09:15-10:30	Problem-Based-Learning (PBL)- Talks on Manchester, Izmir and Szeged Experiences	Gül Güner/Anikó Görbe			
10:30-10:45	Introduction to PBL Small-Group Sessions	Gül Güner			
10:45-11:00	Coffee and Break Into Two Groups				
11:00-11:45	First PBL Session	Güner/Anikó Görbe			
11:45-12:30	Second PBL Session	Güner/Margit Keresztes			
12:30-13:00	General Discussion on PBL	Güner/Dux			
13:00-14:00	Lunch				
14:00-14:30	Designing Laboratory Practicals: Introduction and General Concepts	Mathias Sprinzl			
14:30-15:00	Wet Labs	Anikó Görbe			
15:00-15:30	“Skills and Key Knowledge Expected from a Molecular Life Sciences Graduate-FEBS Education Comm. Project”	Gül Güner Akdogan			
15:30-15:45	Coffee and Break into Groups				
15:45-16:30	Small Group Discussions	<i>(Discussion on what skills and key knowledge)</i> <i>4-5 groups depending on the number</i> Güner/Sprinzl/Dux/Vértessy/Fésüs			
16:30-17:00	Report from Groups	<i>(A report will be given from each group)</i>			

DAY 2		
Monday, August 25th, 2014		
09:00-09:45	“How to Write a Scientific Article”	Mathias Sprinzl
09:45-10:00	Discussion	
10:00-10:25	Involvement of undergraduate students in research activities: experiences in the Department of Biochemistry, University of Szeged	Tamás Csont (Univ Szeged, Szeged)
10:25-10:30	Discussion	
10:30-10:45	TBA	Mihály Kovács (Univ Eötvös Loránd, Budapest)
10:45-10:50	Discussion	
10:50-11:10	Coffee break	
11.10-11:35	“Special Study Modules: An Innovative Laboratory Research Practice for Medical Students”	Gül Güner Akdoğan (Dokuz Eylul University, Izmir)
11:35-11:40	Discussion	
11.40-11:55	“Research in undergraduate education in Univ Debrecen”	Ferenc Erdődi (Univ Debrecen, Debrecen)
11:55-12:00	Discussion	
12:00-12:15	“Research in undergraduate education in Univ Pecs”	Ferenc Gallyas (Univ Pécs, Pécs)
12:15-12:20	Discussion	
12:20-12:40	General Discussion and Close	

POSTER SESSION

(with discussions from senior scientists)