

ORGANIZING COMMITTEE

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FEE

Registration until June 30th: 810 Euros for academic participants and 1350 Euros for industry participants.

Registration after June 30th: 900 Euros for academic participants and 1500 Euros for industry participants.

The fee covers course registration and materials (book), accommodation in two-bed rooms (shared with another participant), meals, transportation from/to Barcelona airport (see the time schedule for the bus below) as well as the social event. **Participants have the possibility to be hosted in single room (limited to availability) at an extra cost of 125 Euros.**

A **limited number of grants**, covering the Course fee (not travel cost), are provided by ESACT. Applicants to the grants should indicate it in the Course application, together with a motivation statement. Priority will be given to young PhD students from Academia. **Only applications received before June 30th will be eligible for receiving a grant.**

REGISTRATION and CONTACT

Registration deadline is August 15, 2015

The number of participants is limited to 30

Updated information will be available at ESACT website (www.esact.org)

Contact for registration:

António Roldão
ESACT Officer, Animal Cell Technology Unit
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AIM

This is an introductory course to Animal Cell Technology (ACT), providing an overview of the field, from the more basic aspects to the final application. It should be of interest to those starting their research activity in ACT, both from Academia or Companies. It is also of interest for those wishing an up-date of the state-of-the-art of ACT in a short Course.

COURSE OUTLINE

After the interest received by the previous four editions and the excellent feed-back from the attendants, the 5th edition of the ACT course will be organised by the ESACT (European Society of Animal Cell Technology) in Llafranc, Costa Brava/Spain, from 27th September to 1st October 2015. ESACT is presenting this activity as one more contribution to the community involved in the use of animal cells in Biotechnology and Biomedicine.

The Course is planned in an intensive four-day schedule with a number of participants limited to 30 in order to facilitate the interaction among them and with the lecturers. Lecturers will stay for most of the Course duration. The Course comprises lectures covering the main topics of Animal Cell Technology:

1. Cell line development
2. Cellular mechanisms
3. Post-translational modifications
4. Bioreactor design
5. Downstream processing
6. Genomics and proteomics
7. Bioreactor scale-up and scale-down. Single use bioreactors
8. Process Analytical Technology
9. Economical aspects of ACT bioprocesses
10. Integrated bioprocess for protein production
11. Integrated bioprocess for stem cells

The program has slots dedicated to the preparation and presentation of case studies by participants, and discussion groups with the lecturers.

LECTURERS

Confirmed lecturers include Terry Papoutsakis (University Delaware, USA), Manuel Carrondo and Paula Aves (IBET, Portugal), Hansjörg Hauser (HZI, Germany), Francesc Gòdia (UAB, Spain), Stefanos Grammatikos (UCB Pharma SA, Belgium) and Anne Toslstrup (Biogen-Idec, Denmark). Other information can be found in www.esact.org.

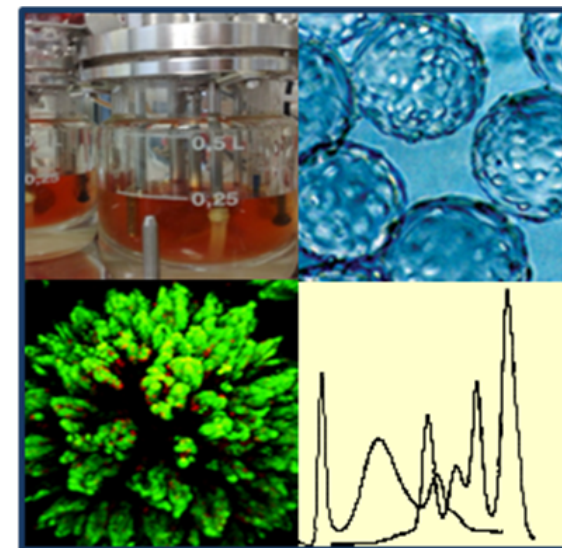


ANIMAL CELL TECHNOLOGY COURSE 2015

FIFTH EDITION

September 27th - October 1st, 2015

Llafranc, Costa Brava / Spain



Photos: www.ibet.pt

With the contribution of:



ACTIP

PROGRAM

Time	Sunday 27 th Sep	Monday 28 th Sep	Tuesday 29 th Sep	Wednesday 30 th Sep	Thursday 1 st Oct
8.30 - 9.45	Arrival to Barcelona /Girona airports and transfer to Hotel Terramar in Llafranc Check-in in Hotel	Overview Lecture M. Carrondo	Genomics and proteomics H. Hauser	Downstream processing M. Carrondo	Integrated bioprocess for stem cells P. Alves
		Coffee break			
10.15 - 11.30		Cell line development (I) H. Hauser	Post-translational modifications (I) E. Papoutsakis	Bioreactor scale-up and scale- down. Single use bioreactors Stefanos Grammatikos	Study cases presentation (I)
11.45 - 13.00		Cell line development (II) H. Hauser	Post-translational modifications (II) E. Papoutsakis	Process Analytical Technology Stefanos Grammatikos	
		Lunch and Free time			
15.00 - 16.15		Cellular mechanisms (I) E. Papoutsakis	Bioreactor Design (I) F. Gòdia	Economical aspects of ACT bioprocesses A. Tolstrup	Course adjournment, hotel check-out and departure to Barcelona/Girona airports
		Coffee break			
16.45 - 18.00		Cellular mechanisms (II) E. Papoutsakis	Bioreactor Design (II) F. Gòdia	Integrated bioprocess for protein production A. Tolstrup	
18.15 - 19.30		Students introduction/ Study cases presentation P. Alves, F. Gòdia	Social/Leisure activity	Study case preparation/work in groups	
		Free time			
21.00	Welcome and dinner	Dinner			

LOCATION AND TRAVEL INFORMATION

The course will be held in Hotel Terramar, a three star hotel (www.hterramar.com) in a small town named Llafranc in the heart of Costa Brava, Girona, Spain. The hotel is right on a very nice sandy beach, providing a cosy and relaxing atmosphere for the participants. Weather in Llafranc at this time of the year is generally pleasant. Travel organization to the meeting is of participants responsibility, ensuring their participation to the full Course. Access by road from Girona airport (30 min) or Barcelona airport (90 min) is suggested. **IMPORTANT NOTE: ONE BUS will be leaving from Barcelona airport at 18h on Sunday 27th September to drive participants to Hotel Terramar at Llafranc. On Thursday 1st of October, ONE BUS will be leaving from Hotel Terramar at 14h to drive participants to Barcelona airport. Participants should arrange their traveling accordingly or alternatively arrange for their transportation of their own.**



Testimonials of ACT Course Participants

"The organization of the course was excellent. The lecturers and all participants were cooperative, sensible and supportive. I enjoyed the course."

Robert Beck
Private researcher, Germany

"A very well organized and balanced course that enabled me to refresh some basic cell culture concepts and to learn about some of the latest innovations in the field, and all this in a very friendly atmosphere and a beautiful environment!"

Boris FESSLER
UCB Pharma, Belgium

"The ESACT course in Llafranc was a great opportunity to improve my knowledge in the Biotechnology area. The professors were very attentive and the structure of the course was very organized, providing us comfort and tranquility to enjoy the lectures."

Renata Alvim
Biotechnology technician, Brazil

"The leveling-board lies very high. I really want to thank ESACT and all the people involved in organizing that course, it was brilliant joining you."

Sebastian Schwamb
PhD Student, Germany

"I had the opportunity to improve my knowledge in the Biotechnology field. It was a great opportunity to interact with the most important researchers in this area. The professors always were very attentive and the lectures were excellent."

André Luis Inocencio
Master Student, Brazil

"I felt that the 2013 ESACT ACT course gave me much needed insight into several aspects of Bioprocess Engineering, and for me, as an academic researcher, the opportunity to interact with scientists and engineers working in industry was invaluable."

Steve George
Graduate Student, Canada