

ORGANIZING COMMITTEE

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FEE and APPLICATION

150 Euros for academic participants and 250 Euros for industry participants.

The fee covers course registration and materials (ebook).

A **limited number of grants**, covering the course fee (not travel cost), are provided by ESACT and ACTIP. 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.

All applications should be sent before August, 31st. Accepted applicants will be notified until September, 7th and should confirm and complete payment by September 15th, 2020.

AIM

ESACT (European Society for Animal Cell Technology) offers an introductory intensive course in cell culture produced viral vaccines to meet the needs of the rapidly expanding research and development in Academia and Industry in the field. This course introduces the basic principles of vaccination and manufacturing of viral vaccines. Also, the course will provide an overview of the advanced strategies to respond to the challenges of new and established viral infection diseases. The course has been designed to benefit those starting their research activity in this field, both from Academia, Industry or Public Health Agencies. It is also of interest for those wishing to up-date their knowledge and know-how in cell production of viral vaccines.

COURSE OUTLINE

1. Principles of immunology and virology
2. Cell lines for vaccines production
3. Upstream process development and intensification
4. Analytical and potency assays
5. Downstream processing of viral vaccines
6. Vaccine formulation and delivery systems
7. Equipment, QbD and PAT
8. Regulatory issues
9. Vaccine markets and immunization policies
10. Several case studies for vaccine development and manufacturing, presented by international experts

Insights from WHO and Bill and Melinda Gates Foundation.

LECTURERS

Amine Kamen (McGill, Canada), Reingard Grabherr (Boku, Austria), Leo van der Pol (IntraVac, The Netherlands), Yvonne Genzel (MPI, Germany), Francesc Gòdia (UAB, Spain), Cristina Peixoto (iBET, Portugal), Patricia Leung-Tack (Sanofi-Pasteur, France), Emma Petiot (CPE-Lyon Engineer School, France), Isabelle Knott (GSK, Belgium), Erin Sparrow (WHO, Switzerland) and Ray Prasad (Bill and Melinda Gates Foundation, USA).

information – registration – course programme
www.esact.org

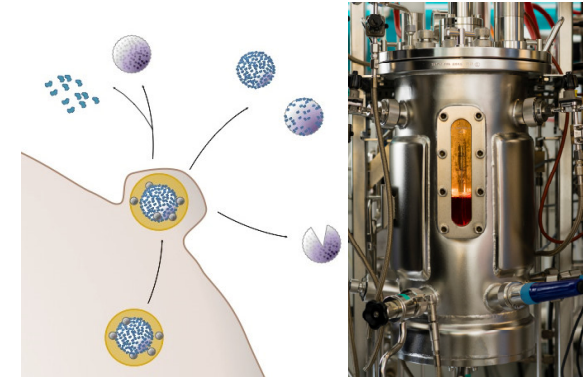


CELL CULTURE-BASED VIRAL VACCINES

FIFTH EDITION

September 28th – October 2nd, 2020

Virtual Mode



Photos: Ehl & MPI, Magdeburg

With the contribution of:



PROGRAMME (will be updated for virtual mode!)

	Sunday 27.09.	Monday 28.09.	Tuesday 29.09.	Wednesday 30.09.	Thursday 01.10.	
8.30 - 9.45	Arrival to Barcelona/Girona airports and transfer to Hotel Terramar in Llafranc Check-in Hotel	Introduction viral vaccines and course outlines A. Kamen, McGill	Upstream Process development Y. Genzel, MPI	Recombinant vaccines (I): VLPs F. Gòdia, UAB	Case study: Influenza vaccines – present and future I. Legastelois, Sanofi-Pasteur	
		Coffee break				
10.15 - 11.30		Principles of virology and immunology E. Petiot, CPE-Lyon	Upstream Process Intensification Y. Genzel, MPI	Vaccine formulation and delivery systems L. Van der Pol, IntraVac	Novel vaccination modalities and therapeutic vaccines A. Kamen, McGill	
11.45 - 13.00		Immunology/Virology/Cell physiology for vaccine production E. Petiot, CPE-Lyon	Analytical and Potency assays E. Petiot, CPE-Lyon	Case study: Cervarix vaccine: from baculovirus technology to first human vaccine I. Knott, GSK	Bill & Melinda Gates Foundation Programme for Global Health R. Prasad, Senior Advisor BMGF	
		Lunch and Free time				
15.00 - 16.15		Cell lines for vaccine production I. Knott, GSK	Downstream Processing of Viral Vaccines C. Peixoto, iBET	QbD and PAT in vaccine development E. Petiot, CPE-Lyon	Course adjournment, hotel check-out and departure to airport	
		Coffee break				
16.45 - 18.00		Case study: Polio vaccines L. Van der Pol, IntraVac	Case study: Rotavirus Vaccines, Progress in HIV Vaccines J. Flores	Global Regulatory Compliance E. Sparrow, WHO		
18.15 - 19.30	Vaccine markets and immunization policies E. Sparrow, WHO	Workshop Y. Genzel, A. Kamen, C. Peixoto	Clinical Development J. Flores, PATH			
	Free time					
21.00	Welcome and dinner	Dinner				



REGISTRATION and CONTACT

Registration deadline is August 31st, 2020.
A limited number of grants are sponsored by ESACT and ACTIP to cover registration fees.

Information – registration – course programme
on our website

www.esact.org/courses