



Cell Culture-based Viral Vaccines Course 2023, 8th edition							
	Sunday 01.10.	Monday 02.10.	Tuesday 03.10.	Wednesday 04.10.	Thursday 05.10.	Friday 06.10.	
08.30 - 09.45	Arrival to Barcelona/Girona airports and transfer to Hotel Terramar in Llafranc Check-in Hotel	Introduction viral vaccines and course outline A. Kamen, McGill (01)	Upstream Process development Y. Genzel, MPI (07)	Analytical and Potency assays E. Petiot, CPE-Lyon (12)	Global Regulatory Compliance E. Sparrow, WHO (17)		
		Coffee break					
10.15 - 11.30		Basic virology for antigen design P-J Cardona, UAB (02)	Upstream Process Intensification Y. Genzel, MPI (08)	Case study: Cervarix vaccine: from baculovirus technology to first human vaccine I. Knott, GSK (13)	Novel Vaccination Modalities/RNA vaccines P. A. Gibert, BMGF (18)		
11.45 - 13.00		Basic immunology for vaccine design P-J Cardona, UAB (03)	Recombinant vaccines: VLPs L. Cervera, UAB (09)	QbD and PAT & AI in vaccine development E. Petiot, CPE-Lyon (14)	Key role of Bill & Melinda Gates Foundation (BMGF) P. A. Gibert, BMGF (19)		
		Lunch and Free time					
15.00 - 16.15		Cell lines for vaccine production I. Knott, GSK (04)	Downstream Processing of Viral Vaccines C. Peixoto, iBET (10)	Vaccine Formulation and Delivery Systems L. van der Pol, IntraVac (15)	Course adjournment, hotel check-out and departure to airport		
		Coffee break					
16.45 - 18.00		Case study: Vectored Vaccines and response to pandemic situation S. Douglas, Oxford (05)	Case study: Influenza vaccines: present and future A. Kamen, McGill (11)	Case study: Polio vaccines L. van der Pol, IntraVac (16)			
18.15 - 19.30		Vaccine markets and immunization policies E. Sparrow, WHO (06)	Workshop Y. Genzel, C. Peixoto, A. Kamen, F. Gòdia (20)	Workshop presentations by participants			
		Free time			Free time		
21.00	Welcome and dinner	Dinner					