

The Present and Future of Arterial Hemodynamics: Training School for Early Career Researchers and Health Professionals

15 October 2025, Valencia, Spain

Ilustre Colegio Oficial de Médicos de Valencia (ICOMV)

The Illustrious Official College of Physicians of Valencia



Organizing Committee:

- o Enrique Rodilla (Chair)
- o Rachel Climie
- o Carolina Seabra
- o Christopher Mayer
- o Panagiota Veloudi
- o Fernando Martínez-García
- o Yolandi Breet
- o Keeron Stone
- o Chloe Park
- o Jess Willimas
- o Kalliopi Dalakleidi

Goals:

- o Face-to-face meeting
- o Update in arterial hemodynamics
- o Stimulating collaborative projects
- o Developing new activities and advancing “Horizon Europe” grant ideas
- o Exchange of scientific and teaching activities
- o Stimulating engagement in research and acquiring practical skills
- o Develop an interdisciplinary collaborative network

Location:

- o The Illustrious Official College of Physicians of Valencia
Av. de la Plata, 34, Quatre Carreres, 46013 València, Valencia, SPAIN

SCHEDULE

Day 1: Wednesday 15th October 2025		
8:00-8:15	Welcome & Registration, Meet the Attendees	
8:15-12:30	Group 1: Practical Workshops (8 rotating groups, 5 -7 persons/group)	
Sala BG/SO	8:15-8:45	Applanation Tonometry cfPWV (Colson®)
	8:45-9:15	Oscillometric baPWV (Colson®)
	9:15-9:45	Carotid Distensibility (Esote®)
	9:45-10:15	Flow Mediated Dilation FMD, IMT, plaques (Quipu®)
10:15-10:30	Coffee Break	
Sala LP/2-3	10:30-11:00	Central Blood Pressure (Colson®)
	11:00-11:30	Beat-to-beat PWV (Somnomedics®)
	11:30-12:00	Simulating renal denervation (Medtronic®)
	12:00-12:30	Suprasystolic rhythm strip measurements (Uscom®)
12:30-13:00	Session 1: Dialogue Between Basic Science and Clinics	
Sala Chulià-Campos	12:30-12:45	Why are Basic Questions in Physiology Necessary? RM Bruno
	12:45-13:00	FMD, from clinical nihilism to advanced knowledge A Januszewicz
13:00-14:00	Lunch (Restaurant ICOMV)	
14:00-14:30	Session 2: Chances to Engage in Arterial Hemodynamics	
Sala Chulià-Campos	14:00-14:15	VascAgeNet for Translation to Practice E Bianchini / CC Mayer
	14:15-14:30	Future Activities of ARTERY P Cunha
14:30-18:45	Group 2: Practical Workshops (8 rotating groups, 5 -7 persons/group)	
Sala BG/SO	14:30-15:00	Applanation Tonometry cfPWV (Colson®)
	15:00-15:30	Oscillometric baPWV (Colson®)
	15:30-16:00	Carotid Distensibility (Esote®)
	16:00-16:30	Flow Mediated Dilation FMD, IMT, plaques (Quipu®)
16:30-16:45	Coffee break	
Sala LP/2-3	16:45-17:15	Central Blood Pressure (Colson®)
	17:15-17:45	Beat-to-beat PWV (Somnomedics®)
	17:45-18:15	Simulating renal denervation (Medtronic®)
	18:15-18:45	Suprasystolic rhythm strip measurements (Uscom®)
18:45-19:30	Young Investigators´ Meeting C Neutel	
21:00	Dinner (historic center of Valencia)	