Learning objectives

Cardiovascular disease (CVD) caused 1 in 3 deaths globally in 2023. In total, 19.2 million people died in 2023 due to CVD, a 6.1 million increase since 1990. Population growth, aging and increased exposure to modifiable risk factors drove CVD burden around the world.

Recognized as a major worldwide health emergency, cardiometabolic disorders continue to rise, impacting on health systems and requiring more effective and targeted strategies. Pathophysiology, pharmacology and therapeutics need to team up for effective CVD risk reduction.

Pharmacological research has contributed much to attacking diseases through the development of drugs such as GLP-1 receptor agonists, inhibitors of renin-angiotensin-aldosterone system and statins. However, further efforts towards developing better drugs and targeting unmet medical needs are still needed.

The learning objective is two-fold:

- To provide next-generation physicians with an integrated view of research and clinical approaches to prevent and treat CVD;
- To foster exchange and networking between medical student from several European countries.

This will hopefully be the fifth in a series of educational events to build relations among international medical students for years to come.

Faculty

Faculty include established as well as younger clinicians and investigators based at the University of Padova and other European Universities. Lecturers will provide focused cross-disciplinary views on key and emerging topics. Some talks will present career opportunities in several European countries.

Funding

We wish to express our gratitude to the Department of Medicine, the International Relations Division at the University of Padova and the Italian Pharmacological Society for granting financial support.

Scientific and organising contact summerschool.cvd@unipd.it

Venues

University Hospital Skill Lab Palazzo Bo' Orto Botanico

Teaching format

Lectures will take place at Orto Botanico, University Hospital and Palazzo Bo'. The hands-on session will take place at the Skill Lab. Students will present group works on July 4. A cash prize of 500 € will be awarded to the group giving the best presentation. Students who attend at least 75% of lectures and present the group work will receive a Certificate of Attendance and 3 ECTS.

Who should attend?

The course is open to up to 28 undergraduate (bio)medical students close to achieving their MD. Applications from early graduates (junior PhD/residents) will be considered as well.

How to apply

Applications at https://www.unipd.it/en/teamingcardiovascular-risk-reduction-integrated-approach Deadline: March 15. 2026

Tuition fees

500 € including all course activities and social events 20% fee waiver for students of partner universities 50% fee waiver for students from Arqus universities (including UniPD)



Organising support: Dipartimento di Medicina - DIMED Endorsed by SIF - Italian Pharmacological Society

5th International Summer School Teaming up for cardiovascular risk reduction – an integrated perspective



Coordinator Andrea Cignarella

Padova | June 29-July 4, 2026











5th International Summer School Teaming up for cardiovascular risk reduction — an integrated approach June 29-July 4, 2026 | Padova



Monday, June 29	Tuesday, June 30	Wednesday, July 1	Thursday, July 2	Friday, July 3	Saturday, July 4
Orto Botanico	Aula Ramazzini	Aula Ramazzini	Aula Ramazzini	Aula Ramazzini	Aula Guella (E)
via Orto Botanico 15	University Hospital, area C1	University Hospital, area C1	University Hospital, area C1	University Hospital, area C1	Palazzo Bo', via 8 Febbraio, 2
	8:45 - 9:30 am Peripheral artery disease Marcello Rattazzi, Padova 9:45 - 10:30 Experimental models Mattia Albiero, Padova 10:45 - 11:30 Medication review and deprescribing Gianluca Trifirò, Verona	9:00 - 9:45 am Obesity and antithrombotic management Bianca Rocca, Bari 10:15 - 11:00 Cardiovascular disease in women Jeanine Roeters van Lennep, Rotterdam	9:00 - 9:45 am Dyslipidaemia <i>Alberto Zambon, Padova</i> 10:15 -11:00 Immunometabolism <i>G. Danilo Norata, Milan</i>	9:00 - 9:45 am RNA therapeutics Chiara Collesi, Trieste 10:15 - 11:00 Keynote Lecture Essential hypertension: a fake entity Gian Paolo Rossi, Padova	9:00 - 9:45 am Nutrition and cardiometabolic disease Julie-Anne Nazare, Lyon 10:00-12:00 Best Presentation Award Session All Students
4:45 pm <i>Opening session</i>	11:45 - 12:30 Paediatric cardiology Felix Oberhoffer, Munich Meet the expert Felix Oberhoffer	11:30 - 12:15 Thromboinflammation Thomas Vanassche, Leuven Meet the Expert Thomas Vanassche	11:30 - 12:15 Cardiovascular risk in diabetes: from mechanisms to therapies Gian Paolo Fadini, Padova Meet the Expert Gian Paolo Fadini	11:30 - 12:30 Heart failure Thomas Krieg, Cambridge	12:15 Award presentation
5:00 - 5:45 Vascular ageing Francesco Mattace-Raso, Rotterdam Meet the Expert Francesco Mattace-Raso 6:00 - 6:45 Coagulation disorders Elena Campello, Padova 7:00 - 7:45 Cardiac involvement in systemic inflammatory diseases Francesco Tona, Padova	12:30 pm <i>Lunch</i>	12:30 pm Lunch	12:30 pm <i>Lunch</i>	12:30 pm <i>Lunch</i>	12:30 pm Farewell lunch
	1:30 - 2:15 Atrial fibrillation Teresa M. Seccia, Padova 2:30 Practical Session, Skill Lab Cardiac arrest Filippo Valle & Anna Klychko, Padova	1:30 - 2:15 Genetic basis of sudden death in the young Cristina Basso, Padova 2:30 - 3:00 Patient advocacy Andrea Vassalotti, Geneva	1:30 - 2:15 Molecular dialogue in arteriovenous malformations Francisco Javier Blanco, Granada 2:30 - 3:15 Precision cardiovascular pharmacology Andrea Cignarella, Padova 3:30 Visit to Museo di Anatomia Patologica	1:30 - 2:15 The math of the heart Federica Caforio, Graz 2:30 - 3:15 Cardiorenalmetabolic syndrome Anna Solini, Pisa 3:30 - 4:00 Workshop Medical education across Europe – best practice All Students	
8:00 Welcome dinner		Visit to Scuola Grande di San Marco, Venice	8:00 <i>Pizza</i>	9:00 Drinks and snacks	