

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:

- 1) To provide next-generation physicians with an integrated view of research and clinical approaches to prevent and treat CVD;
- 2) 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/teaming-cardiovascular-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



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

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European University Alliance



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SOCIETÀ ITALIANA DI FARMACOLOGIA



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