

Learning objectives

Cardiovascular disease (CVD) can unexpectedly reduce the life expectancy among young, healthy adults in their prime and can also cause debilitating, chronic ill health conditions later in life among the increasingly aging population. It is a significant cause of death worldwide, claiming the lives of 17.9 million people annually.

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 fourth 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 for MDs in several European countries.

Funding

We wish to express our gratitude to the Department of Medicine–DIMED and the International Relations Division at the University of Padova for granting financial support.

Scientific and organising contact

summerschool.cvd@unipd.it

Venues

Orto Botanico, via Orto Botanico 15
Collegio Morgagni, via San Massimo 33
Skill Lab, via Belzoni 160

Teaching format

Lectures will take place at Orto Botanico and Collegio Morgagni. The hands-on session will take place at the Skill Lab. Students will present group works on June 7. A cash prize of 500 € will be awarded to the best group presentation. Students who will 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 24 undergraduate medical students close to achieving their MD. Applications from early MD graduates (PhD or residents) will be considered as well.

How to apply

Applications shall be uploaded at
<https://forms.gle/Nm2pLUjFwTg14qvT7>
Deadline: April 6, 2025

Selected students will be notified no later than April 15, 2025.

Tuition fee

500 € for early graduates; 200 € for medical students

Registration deadline

May 4, 2025



Organising support @DIMED: Cristina Degan

Endorsed by SIF - Italian Pharmacological Society

4th International Summer School Teaming up for cardiovascular risk reduction – an integrated perspective



Coordinator
Andrea Cignarella

Padova | June 2-7, 2025



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



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SOCIETÀ ITALIANA DI FARMACOLOGIA



4th International Summer School
*Teaming up for cardiovascular risk reduction –
 an integrated approach*
 June 2-7, 2025 | Padova



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SOCIETÀ ITALIANA DI FARMACOLOGIA

Monday, June 2	Tuesday, June 3	Wednesday, June 4	Thursday, June 5	Friday, June 6	Saturday, June 7
Orto Botanico via Orto Botanico 15	Collegio Morgagni Sala Consiliare, 1 st floor via San Massimo 33	Collegio Morgagni Sala Consiliare, 1 st floor via San Massimo 33	Collegio Morgagni Sala Consiliare, 1 st floor via San Massimo 33	Collegio Morgagni Sala Consiliare, 1 st floor via San Massimo 33	Orto Botanico via Orto Botanico 15
	9:00-9:45 am Peripheral artery disease <i>Marcello Rattazzi, Padova</i> Case discussion 10:15-11:00 Experimental models <i>Mattia Albiero, Padova</i>	9:00-9:45 am Personalised medicine and antithrombotic agents <i>Bianca Rocca, Bari</i> 10:15-11:00 Non-valvular atrial fibrillation <i>Teresa Seccia, Padova</i> Case discussion	9:00-9:45 am Medication review and deprescribing <i>Gianluca Trifirò, Verona</i> 10:15-11:00 Dyslipidaemia <i>Alberto Zambon, Padova</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 Immunometabolism <i>G. Danilo Norata, Milan</i> 10:00-12:00 <u>Best Presentation Award Session</u> <i>All Students</i>
	11:30-12:15 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>	11:30-12:15 Heart failure <i>Will Watson, Cambridge</i> <u>Meet the Expert</u> <i>Will Watson</i>	12:15 <i>Award presentation</i>
4:45 pm <i>Opening session</i>	12:30 pm <i>Lunch</i>	12:30 pm <i>Lunch</i>	12:30 pm <i>Lunch</i>	12:30 pm <i>Lunch</i>	12:30 pm <i>Farewell lunch</i>
5:00-5:45 Vascular ageing <i>Francesco Mattace-Raso, Rotterdam</i> <u>Meet the Expert</u> <i>Francesco Mattace-Raso</i> 6:30-7:15 Coagulation disorders <i>Elena Campello, Padova</i>	1:30-2:15 Precision cardiovascular pharmacology <i>Andrea Cignarella, Padova</i> 2:30 <u>Practical Session</u> , Skill Lab <i>Filippo Valle, Padova</i>	1:30-2:15 Genetic basis of sudden death in the young <i>Cristina Basso, Padova</i>	1:30-2:15 Nutrition and atherothrombosis <i>Gemma Chiva, Barcelona</i> 2:30-3:15 Renin angiotensin aldosterone system <i>Muscha Steckelings, Odense</i> <u>Meet the Expert</u> <i>Muscha Steckelings</i> 3:30-4:15 Eating disorders <i>Cruz Miguel Cendán, Granada</i>	1:30-2:15 The math of the heart <i>Federica Caforio, Graz</i> 2:30-3:15 <u>Workshop</u> Medical education across Europe – best practice <i>All Students</i> <i>Visit to Museo di Anatomia Patologica</i>	
7:30 <i>Welcome dinner</i>	7:00 <i>Aperitivo</i>	<i>Visit to Scuola Grande di San Marco, Venice</i>	8:00 <i>Pizza</i>		