

### Learning objectives

Cardiovascular diseases (CVDs) are the leading cause of death globally. Most cardiovascular diseases can be prevented by addressing behavioural risk factors such as tobacco use, unhealthy diet and obesity, physical inactivity and harmful use of alcohol.

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.

Pathophysiology, pharmacology and therapeutics need to team up for effective global CVD risk reduction. Next-generation physicians and researchers should become aware of the rising CVD burden already during their education.

The learning objective is two-fold:

- 1) To provide an integrated view of research and clinical approaches to prevention and treatment strategies for CVD
- 2) To foster exchange and networking between medical student from several European countries.

This will hopefully be the third 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 focus on career options for MDs in several European countries.

### Funding

We wish to express our gratitude to the Department of Medicine–DIMED, University of Padova, for granting financial support.

**Scientific and organising contact**  
summerschool.cvd@unipd.it

### Venues

Palazzo della Salute, via San Francesco 90  
Collegio Morgagni, Sala Consiliare, via San Massimo 33  
Skill Lab, via Belzoni 160

### Teaching format

Lectures will take place from June 3<sup>rd</sup> to 7<sup>th</sup> at Collegio Morgagni. The hands-on session will take place at the Skill Lab. Students will present group works on June 8<sup>th</sup>. A cash prize of 1,000 € 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.

### Who should attend?

The course is open to 24 undergraduate medical students close to achieving their MD. Applications from early graduate MDs may be considered.

### How to apply

Applications shall be uploaded at  
<https://forms.gle/vsU3hDmSEVYL5BHR8>  
Deadline: March 2<sup>nd</sup>, 2024

Selected students will be notified no later than March 10<sup>th</sup>, 2024.

### Tuition fee

500 €, including accommodation and most meals

**Registration deadline:** April 15<sup>th</sup>, 2024.



Endorsed by the Italian Pharmacological Society

## 3<sup>rd</sup> International Summer School Teaming up for global cardiovascular risk reduction – pathophysiology, pharmacology, therapeutics



Coordinator  
Andrea Cignarella

Padova | June 2-8, 2024



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



SIF  
SOCIETÀ ITALIANA DI FARMACOLOGIA



3<sup>rd</sup> International Summer School  
 Teaming up for global cardiovascular risk reduction –  
 pathophysiology, pharmacology, therapeutics  
 June 2-8, 2024 | Padova



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



Sunday, June 2	Monday, June 3	Tuesday, June 4	Wednesday, June 5	Thursday, June 6	Friday, June 7	Saturday, June 8
Palazzo della Salute		Collegio Morgagni, via San Massimo 33, Sala Consiliare, 1 <sup>st</sup> floor				Palazzo della Salute
9:00	Opening session 9:10 Coagulation disorders <i>Elena Campello, Padova</i> 10:20 Paediatric cardiology <i>Felix Oberhoffer, Munich</i> Meet the expert <i>Felix Oberhoffer</i>	Peripheral artery disease <i>Marcello Rattazzi, Padova</i> Case discussion 10:15 Nutrition and atherothrombosis <i>Gemma Chiva-Blanch, Barcelona</i>	Non-valvular atrial fibrillation <i>Teresa Seccia, Padova</i> Case discussion Laboratory medicine <i>Daniela Basso, Padova</i>	Lessons from real-world studies <i>Gianluca Trifirò, Verona</i> 10:15 Non-coding RNA therapeutics <i>Chiara Collesi, Trieste</i>	Precision cardiovascular pharmacology <i>Andrea Cignarella, Padova</i> Experimental models <i>Mattia Albiero, Padova</i>	Immunometabolism <i>G. Danilo Norata, Milan</i> 10:00 Best Presentation Award Session <i>All Students</i>
11:30	New frontiers in HDL research <i>Arnold von Eckardstein, Zurich</i> Meet the Expert <i>Arnold von Eckardstein</i>	Cardiovascular risk in diabetes: from mechanisms to therapies <i>Gian Paolo Fadini, Padova</i> Meet the Expert <i>Gian Paolo Fadini</i>	Heart failure <i>Thomas Krieg, Cambridge</i> Meet the Expert <i>Thomas Krieg</i>	Cardiovascular ageing <i>Francesco Mattace-Raso, Rotterdam</i> Case discussion Meet the Expert <i>Francesco Mattace-Raso</i>	Thromboinflammation <i>Thomas Vanassche, Leuven</i> Meet the Expert <i>Thomas Vanassche</i>	
12:30 p.m.	Lunch	Lunch	Lunch	Lunch	Lunch	Award presentation and closing
1:30	Nutraceuticals <i>Arrigo FG Cicero, Bologna</i> Case discussion 2:20 Dyslipidaemia <i>Alberto Zambon, Padova</i> 3:10 <u>Keynote Lecture</u> Cardiovascular complications of obesity <i>Roberto Vettor, Padova</i>	<u>Keynote Lecture</u> Essential hypertension: a fake entity <i>Gian Paolo Rossi, Padova</i> 2:30 Practical Session Skill Lab <i>Filippo Valle, Padova</i>	Personalised medicine and antithrombotic agents <i>Bianca Rocca, Rome</i> 3:10 Genetic basis of sudden death in the young <i>Cristina Basso, Padova</i>	Nuclear receptors <i>Giulia Chinetti, Nice</i> Meet the expert <i>Giulia Chinetti</i> Visit to Scuola Grande di San Marco, Venice		
7:00 p.m. Welcome		7:00 pm Aperitivo	8:00 pm Pizza			