

Cardiovascular diseases (CVDs) are the leading cause of death globally. An estimated 17.9 million people died from CVDs in 2019, representing 32% of all global deaths. Of these deaths, 85% were due to heart attack and stroke. Over three quarters of CVD deaths take place in low- and middle-income countries. Out of the 17 million premature deaths (under the age of 70) due to noncommunicable diseases in 2019, 38% were caused by CVDs. 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. Pathophysiology, pharmacology and therapeutics need to team up for effective global CVD risk reduction.

Next-generation physicians and researchers should be aware of the rising burden of CVD already during their education. Thus, the School is open to international medical students who are close to achieving their MD title. The learning objective is two-fold:

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

The Summer School Faculty include established as well as younger clinicians and investigators based at the University of Padova and other European Universities. Lecturers will provide cross-disciplinary views on key and emerging topics. Some talks will review career options for MDs in Italy and other European countries.

We wish to express our gratitude to the Department of Medicine–DIMED and the International Relations Division, University of Padua, for granting financial support to the Summer School.

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

Scientific and organising contact
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Venues

Palazzo della Salute, via San Francesco 90
Collegio Morgagni, Sala Consiliare, via San Massimo 33

Format

Lectures will take place from June 3 to 7 at Collegio Morgagni in Padova. The Practical Session will take place at the Skill Lab nearby. Teams of 4 students will present group works on June 8. A cash prize of 1,000 € will be awarded by a Jury to the team giving the best presentation. Students who attend at least 75% of lectures and present the team work will receive a Certificate of Attendance.

Who can apply

The course is open to 24 medical students, based at the University of Padova and other European Universities. Applications shall be uploaded at [link https://forms.gle/vsU3hDmSEVYL5BHR8](https://forms.gle/vsU3hDmSEVYL5BHR8)

Tuition fee: 500 €.

Application deadline: March 2, 2024

Selected students will be notified no later than March 10, 2024.

Registration deadline: April 15, 2024.



Funding

The course has been funded by the Department of Medicine – DIMED and the International Relations Division, University of Padua.

Endorsed by the Italian Pharmacological Society

3rd International Summer School **Teaming up for global cardiovascular risk reduction – pathophysiology, pharmacology, therapeutics**



Coordinator
Andrea Cignarella

Padova | June 2-8, 2024



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SOCIETÀ ITALIANA DI FARMACOLOGIA



3rd International Summer School
 Teaming up for global cardiovascular risk reduction –
 pathophysiology, pharmacology, therapeutics
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| 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 st 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 | | | |

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