



CardioLung 2017: Updates in Cardiovascular and Pulmonary Pathophysiology - V Edition

Program Coordinators: Prof. Carlo Palombo, Prof. Pierluigi Paggiaro, Prof. Mario Marzilli

<http://summerschool.cardiovascular.med.unipi.it/>

Up to 8 ECTS credits

Course A: 19th – 26th June

- Plenary lectures: 6 ECTS

Course B: 27th – 30th June

- Internship: 2 ECTS

Official Language: **ENGLISH**

Course aim

To provide state-of-the-art and cutting-edge developments in knowledge and clinical approach to cardiovascular and pulmonary diseases.

Participants will become familiar with different research approaches to pathophysiologic and clinical investigation, and will be able to integrate and critically evaluate research reported in literature and its translation to the clinical field.

Venue

- Historical Medical School, University of Pisa, &
- Cardiovascular and Thoracic Department, Cisanello University Hospital, via Paradisa, 2, Pisa

Faculty

Lecturers from the Pisa University System and other national and European research and academic institutions

Target group

The summer school is targeted at national and international undergraduate, PhD and post-doc students in Medicine and Life Sciences, with a specific interest in the cardiovascular and pulmonary field.

Course format

Cardiolung 2017 includes a theoretical and a practical part.

Plenary lectures will represent the core of the Course (**Course A**), which will be followed by a short intensive internship at the clinical units and diagnostic laboratories of the Cardiac and Pulmonary University Divisions (**Course B**, optional).

Maximum number of participants

Course A: up to 80 applicants

Course B: optional, up to 25 applicants

Key topics

Course A, Theoretical (june 19th – june 26th)

- Cardiovascular and Pulmonary disease burden
- Molecular mechanisms in cardiopulmonary disease
- Ischemic heart disease: established facts and new views
- Heart failure as a systemic disease
- Emerging issues in Cardiomyopathies
- Hot topics in Arrhythmias
- Vascular ageing and ventricular-arterial coupling
- Atherothrombosis and coagulation
- High blood pressure, diabetes, metabolism and cardiovascular disease
- Chronic obstructive and interstitial pulmonary disease

- Cardiopulmonary rehabilitation
- Exercise physiology and cardiopulmonary system in extreme and critical conditions
- Brain – Heart axis
- Ethics in medicine and science

Course B, Practical (june 27th to june 30th)

- Clinical rounds in cardiac and pulmonary wards
- Echocardiography lab
- Vascular lab
- Exercise lab
- Pulmonary pathophysiology and rehabilitation lab
- Cath lab (remote connection)
- Cardiovascular molecular biology

P.S.: A detailed preliminary program will be available by march 15th, and the final program with local and external faculty will be published by april 15th, 2017

Credits info

- For Course A, 6 ECTS (European Credit Transfer System) will be acknowledged after passing a final written test (multiple choice test)
- For Course B (optional), 2 additional ECTS will be granted

How to apply

Go to:

<http://www.summerschool.cardiovascular.med.unipi.it>

Download the registration form, fill in, and mail it together with a short CV to the indicated address

Contacts @:

[HTTPS://WWW.UNIPI.IT](https://www.unipi.it)

- ✓ For applications and queries about the Course:
alessia.bartalucci@unipi.it
carlo.palombo@unipi.it

For administrative issues, mail to:
support.summerschool@unipi.it
international@unipi.it

Registration fee

Course A: 200 €, including participation to the Course, course material and gadgets, course mediateca, reduced price mensa card, free cards for public transportation in Pisa (either bus or bike), free access to the Museums of University of Pisa (www.sma.unipi.it) and University insurance. It does not include meals, accommodation and travel costs.

Course A+Course B: 300 €

Registration fee has to be paid by bank transfer to the University of Pisa no later than May 15th, 2017

Reduced Registration Fee

Early bid registration fee of 150 € for Course A, and 200 € for Course A+B, will apply to applicants sending registration fee payment no later than March 30th, 2017

