

University of Pisa, School of Medicine

Department of Surgical, Medical, Molecular Pathology and Critical Care Medicine

Summer School Cardiolung 2020
Pisa June 29th - July 4th



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EXPLORE THIS SUMMER
EXPLORE YOUR FUTURE



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

CardioLung 2020: Updates in Cardiovascular, cardiometabolic and pulmonary pathophysiology - VIII Edition

Course Directors: **Prof. Carlo Palombo & Prof. Raffaele De Caterina**

Cardiology Division, University of Pisa

Lecturers from the Pisa University System and other National and European Research and Academic Institutions

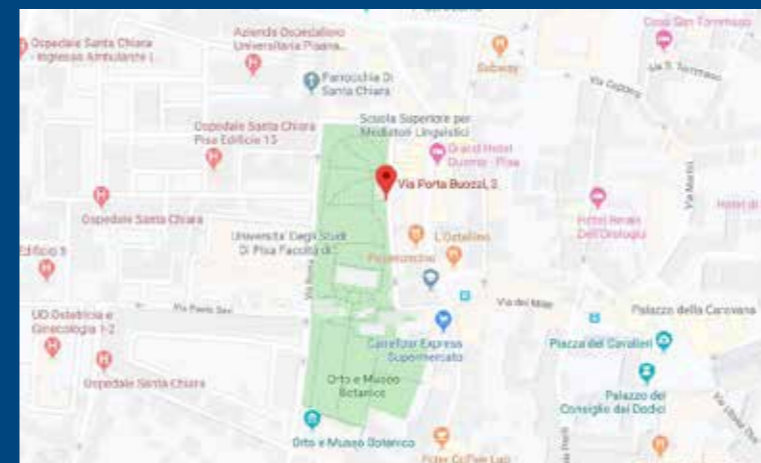
Contacts @: www.unipi.it

for information about the Course and registrations
summerschoolcardiolung@med.unipi.it

for administrative issues
or to: support.summerschool@unipi.it

Venue

University Botanical Garden
Aula Gaetano Savi
Pisa, Via Porta Buozzi 3



4 ECTS credits

Official Language: ENGLISH

60 participants maximum
(selection according to CV and application date)

A detailed preliminary program will be available by February 28th, and the final program with local and external faculty will be published by April 15th, 2020

Registration fee

Regular fee: 500 €, including participation to the Course, course material and gadgets, course media repository, free University wifi, reduced price canteen card, free cards for public transportation in Pisa (either bus or bike), free access to the University of Pisa Museums (www.sma.unipi.it), and University insurance. It does not include travel and accommodation costs, health insurance (emergencies are guaranteed by the NHS) and meals (low price meals are however offered at the University canteens)

Registration fee must be paid by bank transfer to the University of Pisa no later than May 24th, 2020

Reduced fee: 250 €
reduced registration fee of 250 € will apply to applicants sending registration form by March 31st, and fee payment no later than April 30th, 2020

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 specific interest in the cardiovascular and pulmonary field.

Course aim

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

Course Format

Plenary lectures
with interactive discussions and debates

Key topics

Plenary Lectures

- Epidemiology of Cardiovascular diseases
- The immune response in vascular and cardiac diseases
- Arrhythmic disorders
- Cardiometabolic diseases
- Cardiomyopathies
- Ischemic heart disease
- Heart Failure (including drug-induced cardiotoxicity)
- Atherothrombosis
- Pulmonary hypertension: from pathophysiology to treatments
- Cellular and animal models
- Animal models: advantages and limits
- Cell modelling for cardiac development and diseases
- Experimental therapies
- Cell therapy
- Non-coding RNAs
- Vesicles and exosomes
- Gene therapy
- Publishing your research
- Practical and theoretical aspects in the planning, organization and management of clinical trials
- Getting the experimental design and statistical analysis right
- Writing the paper

How to apply:

go to: <http://summerschool.cardiovascular.med.unipi.it>
click on: Registration, and follow instructions

Credits info

4 ECTS (European Credit Transfer System)
will be acknowledged after passing a final written test (multiple choice test)