

Summer School on Humanities for Life Sciences

This school is co-organised by [UNISER](#) and [FISV](#) (Italian Federation of Life Sciences) held in beautiful Pistoia, in Tuscany, and has the goal of introducing biomedical students and post-docs to the concepts of ethics, epistemology, methodology, and philosophy of science, through an intensive high-level training. In addition to participating in the first school dedicated to why and how humanities matter for life sciences, participants will have the great opportunity not only to meet some of the major scholars in the field but also to interact with them on a daily basis, during dedicated discussion sessions. Participants will be also encouraged to discuss case studies that they might have encountered during their professional experience. At the end of the school participants will have gained an in-depth knowledge of the nature of their scientific work and of the methodology that defines it, as well as of its limits.

Organisers

Prof. Giovanni Boniolo
University of Ferrara

Prof. Gennaro Ciliberto
FISV President

Prof. Alessandro Pagnini
UNISER President

Venue

The School will be held at **the Polo Universitario di Pistoia** (UNISER)
Via Sandro Pertini, 358
51100 Pistoia, Italy



Participants will be accommodated in the **Hotel Milano**
Viale Pacinotti, 10/12
51100 Pistoia, Italy



Organising secretariat: segreteria@fisv.org
Web site: www.hls-pistoia.org



Summer School
on
Humanities for Life Sciences
Pistoia, Italy • 10-13 June 2019



Faculty



Giovanni Boniolo
University of Ferrara,
Italy



Adriano Fabris
University of Pisa,
Italy



Giovanna Serino,
Sapienza University of Rome,
Italy



Raffaella Campaner
University of Bologna,
Italy



Donald Gillies
University College
London, United Kingdom



Jos van der Meer
Radboud University, Nijmegen,
Netherlands



Marco Crescenzi
Istituto Superiore di Sanità,
Rome, Italy



Paolo Vineis
Imperial College London,
United Kingdom

MONDAY, 10 June

- 12:00-13:00 **Welcome**
- 13:00-15:00 **Lunch**
- 15:00-16:00 **Critical thinking**
Giovanni Boniolo
- 16:00-17:00 **How to face a problem**
Giovanni Boniolo
- 17:00-18:00 **Ethics: scientists' and clinicians' ethical responsibility**
Adriano Fabris
- 18:00-19:00 **Free interaction among students and staff**
Giovanna Serino

- 15:00-16:00 **Ethics: Conflict of interests I**
Adriano Fabris
- 16:00-17:00 **Ethics: Conflict of interests II**
Adriano Fabris
- 17:00-18:00 **Ethics: Scientific integrity I**
Jos van der Meer
- 18:00-19:00 **Ethics: Scientific integrity II**
Jos van der Meer
- 19:00-20:00 **Free interaction among students and staff**
Giovanna Serino

- 16:00-17:00 **Methodology of science: how to design an experiment I**
Marco Crescenzi
- 17:00-18:00 **Methodology of science: how to design an experiment II**
Marco Crescenzi
- 18:00-19:00 **Methodology of science: how to design an experiment III**
Marco Crescenzi
- 19:00-20:00 **Free interaction among students and staff**
Giovanna Serino

TUESDAY, 11 June

- 9:00-10:00 **Methodology of science: data and evidence**
Raffaella Campaner
- 10:00-11:00 **Methodology of science: observation and experimentation**
Raffaella Campaner
- 11:00-12:00 **Methodology of science: reproducibility and replicability**
Raffaella Campaner
- 12:00-13:00 **Free interaction among students and staff**
Giovanna Serino
- 13:00-15:00 **Lunch**

WEDNESDAY, 12 June

- 9:00-10:00 **Philosophy of science: statistics and causation in the life sciences I**
Donald Gillies
- 10:00-11:00 **Philosophy of science: statistics and causation in the life sciences II**
Donald Gillies
- 11:00-12:00 **Philosophy of science: statistics and causation in the life sciences III**
Donald Gillies
- 12:00-13:00 **Philosophy of science: statistics and causation in the life sciences IV**
Donald Gillies
- 13:00-15:00 **Lunch**
- 15:00-16:00 **Free interaction among students and staff**
Giovanna Serino

THURSDAY, 13 June

- 9:00-10:00 **Philosophy of science: p-value, confidence interval and clinical relevance I**
Paolo Vineis
- 10:00-11:00 **Philosophy of science: p-value, confidence interval and clinical relevance II**
Paolo Vineis
- 11:00-12:00 **Philosophy of science: p-value, confidence interval and clinical relevance III**
Paolo Vineis
- 12:00-13:00 **Free interaction among students and staff**
Giovanna Serino
- 13:00-15:00 **Lunch**
- 15:00-16:00 **Farewell**