

PRACTICAL WORKSHOP

Next Generation Taxonomy – Part 1

Biodiversity of Ciliophora and morphological techniques to characterize them

- Frontal lectures on Ciliophora biodiversity
- Feulgen staining
- Silver impregnation
- Protargol staining
- Scanning Electron Microscopy (SEM)
- Scientific drawing

University of Pisa – Pisa, Via Volta 4/6 - Italy
26th – 30th June 2023



Program

	26th June Monday	27th June Tuesday	28th June Wednesday	29th June Thursday	30th June Friday
9:00 - 10:00	Introduction to NGTax Prof. Petroni / Dr. Serra	Biodiversity of Ciliophora and theoretical lecture on stainings Prof. Fokin	Theoretical lecture on electronic microscopy techniques (SEM, TEM) Dr. Modeo	Biodiversity of Ciliophora Prof. Fokin	Biodiversity of Ciliophora Prof. Fokin
10:00 - 11:00	Ciliate isolation, culturing, and fixation Prof. Petroni / Dr. Serra				
11:00 - 12:00	Introduction to Ciliophora Prof. Fokin	Living observation - Stainings	Scanning Electron Microscopy	Living observation - Stainings	How to draw ciliate images Mr. Allievi
12:00 - 13:00					
14:00 - 15:00					
15:00 - 16:00	Living observation - Cell isolation - Cell fixation - Culture establishment	Living observation - Stainings	Scanning Electron Microscopy	Living observation - Stainings	Living observation - Stainings
16:00 - 17:00					
17:00 - 18:00					

ES3 classroom
 ES1 classroom
 Laboratory 2
 SEM Laboratory

Venue

- Polo Nobili – Via Volta 4 – Pisa – Italy
(Dept. Of Biology)



- How to reach
 - From Pisa Central Station
 - From Pisa Airport "Galileo Galilei"

How to participate

- Participation in the workshop is free, but does not include board and lodging, which individual participants will have to provide for independently.
- Admission to the workshop will be made on the basis of the curriculum vitae and the maximum number of participants will be 15 people.
- To participate, send an e-mail with your CV to the workshop organizers before the 15th June 2023, to the following e-mail addresses



Dr. Valentina Serra: valentinasrr@gmail.com

Prof. Giulio Petroni: giulio.petroni@unipi.it

