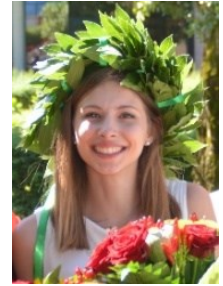


# Laura Soresinetti

Via F. Magellano 10, Dalmine (BG)

+39 3477390308

laura.soresinetti01@universitadipavia.it | laura.soresinetti@gmail.com



## EDUCATION

### **University of Pavia**

October 2020 - today

PhD student in Genetics, Molecular and Cellular Biology

Research Project: *Multidisciplinary approaches to study the reproductive biology of insects of agricultural and medical importance*

Supervisore: Ludvik Gomulski

### **University of Pavia**

October 2018 - October 2020

Master degree in Advanced Biotechnology.

Experimental thesis: *"Transcriptomic based identification of mating responsive genes in Glossina morsitans morsitans (tsetse fly)"*

Supervisor: Anna Rodolfa Malacrida

Co-supervisor: Davide Carraretto

Degree: *110 cum laude/110*

### **University of Pavia**

October 2015 - July 2018

Bachelor degree in Biotechnology.

Thesis: *"Two-photon microscopy for tridimensional reconstruction of the mammalian ovary"*

Supervisor: Maurizio Zuccotti

Degree: *110 cum laude/110*

Student of **Collegio Nuovo, Fondazione Sandra Enea Mattei** October 2015 - October 2020

Acknowledged as a College of Merit by the Italian Ministry of Education, University and Research. Participation in the Cultural Program (Career Management Skills; Writing in English for Scientists, LaTeX, Excel: basic and advanced; Orientation programs for working in Labs: Naicons, Milan; Genomics and Biotechnologies of Insects, University of Pavia; meeting with Prof. Serap Aksoy, Professor of Epidemiology, Yale University).

### **High School "L. Mascheroni", Bergamo**

September 2010 - July 2015

*Scientific curriculum*

Degree: *97/100*

## WORK EXPERIENCE IN LABORATORY

### **University of Pavia**

March 2019 - October 2020

*Internship for experimental thesis at **Genomics and Biotechnologies of Insects of Agricultural and Medical interest Lab.***

Supervisor: Davide Carraretto

### **Institut Pasteur, Paris**

August 2019 - October 2019

*Scholarship winner for an internship at **Epigenetic Chemical Biology (EpChBio) Lab.***

Head: Paola Arimondo.

Supervisor: Yang Si

### **University of Pavia**

January 2018 - June 2018

*Internship for bachelor degree thesis at **Developmental Biology Lab.***

Supervisor: Valeria Merico

### **Farmacia Ornati, Dalmine (BG)**

January 2013 - February 2013

*Internship - Pharmaceutical preparation.*

Supervisor: Ernesto De Amici

## LABORATORY SKILLS

- DNA and RNA extraction
- Protein extraction (histones)
- PCR (classic, RT-qPCR, RT-PCR)
- SDS Page
- Agarose gel electrophoresis
- Western-Blot
- Use of ABI 310 Sequencer
- *Aedes albopictus* and *Glossina morsitans morsitans* dissections
- Protein expression in heterologous systems
- Cell cultures (insects cells, mammalian cells, )
- Immunofluorescence staining
- Use of fluorescence microscope (Olympus IX83)

## LANGUAGES

- Italian: Mother tongue
- English: Good level, written and spoken (level B2 - self assessment)
- French: Basic level, written and spoken (level A2- self assessment)

## **INFORMATIC SKILLS**

- Very good user of scientific database (NCBI, UniProt, VectorBase, FlyBase)
- Good knowledge of Pymol and Chimera
- Good user of software for the analysis of sequencing data (GeneMapper)
- Knowledge of genetic population analysis (Tandem, GenAIEx, STRUCTURE)
- Use of software to elaborate images (Fiji - ImageJ)
- Basic knowledge of LaTeX
- Excellent knowledge of Office package

## **WORK/ORGANIZATION SKILLS**

### **Collegio Nuovo, Fondazione Sandra Enea Mattei**

October 2019 - October 2020

*Responsible* for tutoring activity of scientific area.

### **University of Pavia**

May 2019 - January 2020

*Part-time collaborator* at Scientific library (Help desk, student assistance in libraries, museums and didactic/scientific structures).

### **Collegio Nuovo, Fondazione Sandra Enea Mattei**

October 2016 - July 2020

*Mentoring activity* for Biotechnology students.

### **Collegio Nuovo, Fondazione Sandra Enea Mattei**

October 2016 - July 2017

Appointed by the Collegio Nuovo Rector Paola Bernardi as *Tutor* for Biotechnology first year students.

I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".

Last update: 19/11/2020

*Laura Sreschell*