

## PERSONAL INFORMATION

## Simona Debilio

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Gender Female | Nationality Italian

## PUBLICATIONS

## 31 Dec 2020 SCF-Fbxo42 promotes synaptonemal complex assembly by downregulating PP2A-B56

Pedro Barbosa, Liudmila Zhaunova, **Simona Debilio**, Verdiana Steccanella, Van Kelly, Tony Ly, Hiroyuki Ohkura. J Cell Biol (2021) 220 (2): e202009167.

<https://doi.org/10.1083/jcb.202009167>

## WORK EXPERIENCE

## Nov 2020 – Ongoing Primary School Teacher

at IC2 San Defendente - Acqui Terme, Italy

Due to the pandemic and subsequent travel restrictions in Italy, I decided to take a fixed-term position as a teacher in a local primary school.

Subjects covered: citizenship and environmental education.

## Mar 2019 – Dec 2019 Internship

Prof. Hiroyuki Ohkura Laboratory

at Wellcome Centre for Cell Biology, School of Biological Sciences, University of Edinburgh - Edinburgh EH9 3BF, UK

- Amplification of DNA fragments through PCR
- DNA extraction from gels and bacteria
- Gibson Assembly
- Gateway LR Cloning
- Protein purification
- Antibody affinity purification
- Immunostaining of Drosophila ovaries
- Independent use of confocal Zeiss microscope
- Analysis of the data obtained

## Jun 2016 – Feb 2017 Internship

Microbiology Laboratory

at Ospedale Civile Ss. Antonio e Biagio e Cesare Arrigo - Alessandria, Italy

- Sowing on plates of various materials
- Determination of antibiotic resistance/sensitivity profile
- Independent use of automated systems such as VITEK2 and GeneXpert
- Analysis of the data obtained

## EDUCATION AND TRAINING

## 2017–2020 MSc in Experimental and Applied Biology (Biomedical Sciences Curriculum)

Università degli Studi di Pavia - Pavia, Italy

EQF 7 - 109/110

- Dissertation Role of the SCF complex on the Synaptonemal Complex structure during meiosis I in *Drosophila melanogaster*
- Topics Covered
- Advanced Cellular Biology
  - Molecular Biology of the Cell
  - Pharmacology and Experimental Therapeutics
  - Cellular and Molecular Physiology
  - Human Molecular Genetics
  - Developmental and Stem Cell Biology
  - Molecular Pathology and Immunogenetics
  - Advanced Microscopy
  - Cytogenetics and Chromosome Engineering
  - Bioinformatics

## 2013–2017 BSc in Biological Sciences

EQF 6 - 110/110

Università degli Studi del Piemonte Orientale - Alessandria, Italy

- Dissertation Genotypic Evaluation of Carbapenemases Producing Strains Isolated from Different Biological Materials
- Main Topics Covered
- Biochemistry
  - Genetics
  - Molecular Biology
  - Human Physiology
  - Principles and Techniques of Electron Microscopy

## 2008–2013 High School Diploma in Human Sciences

EQF 4 - 96/100

Istituto di Istruzione Superiore Saluzzo-Plana – Alessandria, Italy

### PERSONAL SKILLS

Mother tongue Italian

#### Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
Spanish	A2	B1	A1	A1	A2
Swedish	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

#### Digital competences

SELF-ASSESSMENT				
Information Processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital competences - Self-assessment grid](#)

- Computer skills
- Interest in functional programming (Scala, Scheme)
  - Version control (git, github.com)
  - $\LaTeX$  and  $\BibTeX$
  - Markdown, Pandoc
  - Word Processing, spreadsheets (OpenOffice, MS Office)
  - Cloud storage (Dropbox, Google Drive, WeTransfer, MEGA)
  - Operating Systems (Ubuntu, MS Windows)

- Other interests
- Cooking
  - Studying languages (Spanish, Swedish)

Driving licence B