

GIULIA FIORENTINO

EDUCATION

- **2021/02/23**: **Ph.D.** in "Healthcare Technologies, Bioengineering e Bioinformatics" (XXXIII) at the Department of Biology and Biotechnology of the University of Pavia, with a final grade "Ottimo", discussing a thesis titled: "Digital 3D functional atlas of the mouse ovary" – Supervisor Prof. Maurizio Zuccotti, PhD program chair Prof. Silvana Quaglini.
- **2017/07/27**: **Master's Degree** in Molecular Biology and Genetics (LM-6 - Class of Master's Degrees in Biology) at the Department of Biology and Biotechnology of the University of Pavia, with a final grade 110/110 *cum laude*, discussing a thesis held at the Laboratory of Molecular Genetics titled: "Expression in *Bacillus subtilis* of the *cry11Aa* δ -endotoxin gene of *Bacillus thuringiensis israelensis* under the control of the *aprE* promoter confers larvicidal activity towards *Aedes albopictus*" - Supervisor Prof. Alessandra Albertini, Co-supervisor Dr. Giulia Barbieri.
- **2015/03/27**: **Bachelor's Degree** in Biological Science (L-13 - Class of Bachelor's Degrees in Biological Science) at the University of Palermo, with a final grade 110/110 *cum laude*, discussing a thesis held at the "Villa Sofia-Cervello" Hospital of Palermo titled: "I markers cromosomici nelle indagini citogenetiche prenatali e postnatali" – Tutor Prof. Fabio Caradonna and Dr. Marcella Vita Mazara.
- **2011/07**: **High school diploma** at the "Liceo Classico Meli" of Palermo, with a final grade 100/100.

CURRENT POSITION

- **2022/02/01**: **Fixed-term research assistant** (RTD–A, SSD BIO/06) at the Laboratory of Developmental Biology, Department of Biology and Biotechnology, University of Pavia, Italy.

WORK EXPERIENCE

- **2020/12/01-2022/01/31**: **Post-doctoral research fellow** at the Laboratory of Developmental Biology, Department of Biology and Biotechnology, University of Pavia, Italy.
- **2020/03/01-04/30**: **Visiting Ph.D. student**, Center for X-ray Analytics, EMPA, Swiss Federal Laboratories for Materials Science and Technology, Zurich, Switzerland.

TEACHING ACTIVITY

- **2022**: **Teaching activity** in the master course 'Biologia e biotecnologie della riproduzione: dalla ricerca alla clinica'. Department of Biology and Biotechnology, University of Pavia, Italy.

- **2022:** Responsible for '**seminari didattici**' in the course 'Biologia della Cellula Animale e Vegetale - modulo di Biologia della Cellula Animale'. Department of Biology and Biotechnology, University of Pavia, Italy.
- **2020 - today:** '**Culture della materia**' in the courses 'Biologia dello sviluppo e delle cellule staminali' (SSD BIO/06), 'Biologia della Cellula Animale' (SSD BIO/06), 'Developmental Biology' (SSD BIO/06), 'Biologia dello sviluppo e delle cellule staminali' (SSD BIO/06), 'Biotecnologie della riproduzione' (SSD BIO/06). Department of Biology and Biotechnology, University of Pavia, Italy.
- **2019 - today:** **Tutor** in the practical course titled 'Esercitazioni al microscopio ottico per l'osservazione dei preparati istologici'. University of Pavia, Italy.
- **2019 - 2021:** Responsible for "**seminari didattici**" in the course 'Biologia Animale - modulo citologia e Istologia'. University of Pavia, Italy.
- **2017 - today:** **Seminars** in the courses 'Developmental Biology' (master's degree in 'Molecular Biology and Genetics'), 'Biotecnologie della Riproduzione' (master's degree in 'Biotecnologie Avanzate'), 'Biologia dello sviluppo e delle cellule staminali' (bachelor's degree in 'Biotecnologie'), 'Biologia dello sviluppo e delle cellule staminali' (master's degree in 'Biologia Sperimentale ed Applicata'), 'Ingegneria Tissutale e Laboratorio' (master's degree in 'Bioingegneria'). University of Pavia, Italy.

COURSES AND SUMMER SCHOOLS

- **2020/09/7-10:** XXXIX Annual School of Bioengineering
Title: "AI-enabled health care: from decision support to autonomous robots".
Organizers: Gruppo Nazionale di Bioingegneria (GNB). Online.
- **2019/09/09-12:** XXXVIII Annual School of Bioengineering
Title: "Advanced bioengineering methods, technologies and tools in surgery and therapy".
Organizers: Gruppo Nazionale di Bioingegneria (GNB). Bressanone, Italy.
- **2019/07/08-13:** EMBL Course
Title: "Super-Resolution Microscopy". Organizzatori: European Molecular Biology Laboratory (EMBL). EMBL Heidelberg, Germany.
- **2018/09/10-13:** XXXVII Annual School of Bioengineering
Title: "Immagini Biomediche: Nuove tendenze in tecnologia, metodi e applicazioni".
Organizers: Gruppo Nazionale di Bioingegneria (GNB). Bressanone, Italy.
- **2018/06/04-08:** Summer School
Title: "SummeR School - Data Mining and Data Analysis with R".
Organizer: Dott. Davide Gentilini. University of Pavia, Italy.

AWARDS

- **2021/06/22**: Best oral presentation award for the oral presentation “Digital 3D reconstruction of the mouse ovary”, 66° GEI-SIBSC conference, Milan.
- **2020/11/20**: Best poster award (*ex aequo*) for the poster “3D micro-Computed Tomography reconstruction of the adult mouse ovary”, MyDEV2020, Milan.

SCIENTIFIC SOCIETY MEMBERSHIP

- **2022**: Società Italiana Embriologia Riproduzione e Ricerca (SIERR)
- **2018 - today**: European Society of Human Reproduction and Embryology (ESHRE)

SCIENTIFIC PRODUCTION

Author (<https://orcid.org/0000-0002-6163-9428>) of 5 papers published on indexed international scientific journals and of 11 conference communications, 5 of which as speaker.

h-index Scopus: 2 (2022/02)

Total citations: 8 (2022/02)

Pavia, 3rd February 2022

