

Lavinia Capuana | PhD

+39 345 2166242 • [✉ lavinia.capuana@gmail.com](mailto:lavinia.capuana@gmail.com) • [in](https://www.linkedin.com/in/laviniaapuana) laviniacapuana

Work Experience

Officine Innovazione, **Deloitte Italy**.....

Life Science / Healthcare Manager **June 2024 – Present**

- Open innovation programs within the Life Science & Healthcare sectors in collaboration with various corporate partners (pharmaceutical and insurance companies, research centres, hospitals, universities)
- Scouting and asset evaluation within the BioTech & Pharma sectors
- Start-ups mentoring & support in Business Development & Fund raising

Milan, Italy

Life Science / Healthcare Senior Consultant **June 2022 – June 2024**

Life Science / Healthcare Consultant **April 2021 – May 2022**

Investment Analyst intern at **Sofinnova Partners**.....

Capital fund team **Jan 2020- April 2021**

- Management of the deal flow
- Evaluation and due diligence process of new investment opportunities in the Pharma/Biotech sector
- Disease area and market analysis, competitive intelligence, Key Opinion Leader research and corporate strategy assessment, exit opportunities evaluation

Paris, France

Researcher in Cancer Cell Biology at **Institut Pasteur**.....

Cell Polarity, Migration and Cancer, Dr. Sandrine Etienne-Manneville **Oct 2015 – Sept 2019**

Project: Role of PTEN tumour suppressor in collective cell migration

- Scientific project Management
- Writing manuscript, grant applications (ARC for Cancer Research)
- Presented results in international meetings (Oral/poster communications)
- Organised and supervised Master students and technicians

Paris, France

Researcher at **Institut Pasteur**.....

Macrophages and Development of Immunity, Dr. Philippe Herbomel **Jan 2014 – June 2014**

Project: Disappearance of macrophages in moonshine zebrafish mutant

Paris, France

Researcher at **University of Cape Town (UCT)**.....

Comparative bone histology of extant and extinct vertebrates, Pr. A. Chinsamy **March 2013 – June 2013**

Project: Implications of power-line collisions for the endemic Ludwig's Bustards

Cape Town, South Africa

Undergraduate researcher at **Università degli Studi di Milano**.....

Comparative Anatomy and Cytology, Pr. Elena Menegola **Jan 2012 – June 2012**

Project: Anomalies induced by Cyproconazole and antifungal agents

Milano, Italy

Teaching Experience

Delivered lectures, **CYFE, Center for young and family enterprise** – Università degli Studi di Bergamo **May 2025**

Lecture on “Innovation strategies in the Life Science industry”

Delivered lectures, **PharmaTech Academy** – Università Federico II **Feb 2025**

One week course on “Life Sciences Entrepreneurship toolkit” *Milano, Italy*

Delivered lectures, **NanoReMedi, doctorate training** – Università degli Studi di Milano **Nov 2024**

One week course on “Life Sciences Innovation and Entrepreneurship” *Milano, Italy*

Delivered lectures, **Seed4Innovation** – Università degli Studi di Milano **June 2023**

Lecture on “Market and Competitive analysis in the Life Science Sector” *Milano, Italy*

Education

PhD in Cell Biology, *Institut Pasteur & Université Pierre et Marie Curie – Paris VI*

Funding received from the Ecole Doctorale ED515 and the Fondation ARC

Business Foundation Certificate, *INSEAD*

Price&Markets/Entrepreneurship/Strategy/Accounting/Marketing

Master degree, *Université Pierre et Marie Curie – Paris VI*

- International Master program " From Molecular Developmental Biology to Biomedicine
- Erasmus semester at Maastricht University, The Netherlands in 2013

Bachelor degree in Biological Sciences, *Università degli Studi di Milano*

Oct 2015 – Sept 2019
Paris, France

Sept – December 2018
Paris, France

Sept 2013 – June 2015
Paris, France
Maastricht, The Netherlands

Sept 2009 – June 2013
Milano, Italy

Professional skills

Languages skills:

- Italian - Native
- French - Fluent
- English - Fluent, IELTS (International English Language Testing System) certification obtained in 2013

Computer skills:

- Proficient with Office Suite (Word, Powerpoint, Excel), Salesforce
- Image analysis software (ImageJ, Leica, Volocity), Graphism (Adobe Illustrator), Statistic (Graphpad Prism)

Publications:

- Capuana L, Boström A, Etienne-Manneville S. **Multicellular scale front-to-rear polarity in collective migration.** *Curr Opin Cell Biol.* 2020 Feb;62:114-122. doi: 10.1016/j.ceb.2019.10.001. Epub 2019 Nov 19. PMID: 31756576.
- Peglion F, Capuana L, Perfettini I, Boucontet L, Braithwaite B, Colucci-Guyon E, Quissac E, Forsberg-Nilsson K, Llense F, Etienne-Manneville S. **PTEN inhibits AMPK to control collective migration.** *Nat Commun.* 2022 Aug 11;13(1):4528. doi: 10.1038/s41467-022-31842-y. PMID: 35953476; PMCID: PMC9372137.
- Lou Demy D, Touret AL, Lancino M, Tauzin M, Capuana L, Pierre C, Herbomel P. **Trim33 conditions the lifespan of primitive macrophages and onset of definitive macrophage production.** *Development.* 2022 Sep 15;149(18):dev200835. doi: 10.1242/dev.200835. Epub 2022 Sep 16. PMID: 36052696.