

Luca Svolacchia



Born in RPLMMLM



Address



+39



LinkedIn



Luca Svolacchia



Skype



Registration in Register



Student Expert Register

Education

11/2021 – present

PhD Student in Drug Research – Universität Bonn

- **PhD Scholarship** granted by *Fonds der Chemischen Industrie* (02/2022-02/2024);
- **AK Prof. Dr. Christa E. Müller (Pharmaceutical Institute, Department of Pharmaceutical & Medicinal Chemistry,);**
- Member of the interdisciplinary Bonn International Graduate School of Drug Sciences.

03/2021 – 09/2021

Internship Trainee at Rheinische Friedrich-Wilhelms – Universität Bonn

- Medicinal chemistry: **multi-step synthesis** of bioactive small, heterocyclic molecules, their **purification** by **preparative HPLC** and their analysis by **modern spectroscopic methods** (NMR, TLC/MS, LC/MS);
- Analysis of **structure-activity relationship**, optimization of compounds for membrane protein targets.

09/2015 – 02/2021

Master's Degree in Pharmaceutical Chemistry and Technology – University of Florence

- **Chemical, pharmacological, technological and regulative knowledge** and competence required to work with the design, development, manufacture, testing and commercialization of medications and health products;
- **Thesis:** “New amino-3,5-dicyanopyridines as potential multitarget agents for the treatment of glaucoma”. With honors.
- Medicinal chemistry: **independent user** of the main tools and instruments in an **organic chemistry laboratory** and **knowledge** both in **organic synthesis** (conventional methods and microwave technique) and in advanced analytical techniques

06/2019 –09/2019

Pharmacy Internship

- Curricular internship (900 hours);
- Purchasing, holding and distributing medicines;
- Preparing medicines in a pharmacy;
- Use of electronic systems for professional and corporate data collection and storage.

Work Experience

10/2019 – 10/2021

Academic Tutor – University of Florence

- Demonstrating academic best practices for specific subjects and assignments;
- Prepare and facilitate workshops, collaborative projects, or academic support sessions for small groups of students;
- Monitor student performance or assist students in academic environments.

07/2019 – 10/2021

Member of evaluation expert pool – ANVUR (Italian Quality Assurance Agency for Higher Education)

- Tasks address the following activities according to the Higher Education Quality Assurance system:
- - Accreditation of new Universities and programmes;
- - Periodic accreditation of universities and their programmes.
- Following this legislation (n. 240/2010 and Legislative Decree n.19/2012), ANVUR has developed its own assessment criteria, methodologies and procedures to fulfil its tasks, in strict adherence to Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG).

02/2020 – 03/2021

Member of the Academic Senate – University of Florence

- Advice Formulation and compulsory counsel about education and student services;
- University Guidelines Approval about education and research;
- Compulsory counsel of financial statements.

05/2017 –05/2019

Member of Independent Evaluation Unit – University of Florence

- Quality Assurance Assessment and Education Efficacy;
- Structure and employee evaluation;
- Compulsory counsel of financial statements.

Elective courses

- **Drug design and synthesis:** advanced knowledge of main strategies of drug design, of chemical modifications more likely for the interactions with molecular targets and main scientific databases.
- **Molecular modelling in pharmaceutical chemistry:** practical knowledge of visualizing, drawing and spectra analysis software (**Chimera, ChemDraw[®], TopSpin[®], DS Viewer Pro**).

Languages

Mother tongue: Italian

- **English:** B2
 - Exchange study program at Saint Bernard's Catholic School, Eureka, California (US) (from 21/01/2014 to 17/06/2014)
- **French:** A2
- **German:** A1 (currently improving)

Computer Skills

- Good command of **Microsoft Office[™]** Tools (Word/Excel/PowerPoint).
- Knowledge of visualizing, drawing and spectra analysis software (**Chimera, ChemDraw[®], TopSpin[®], DS Viewer Pro**).

Institutional Roles

- **Student Representative in Course of Study in Pharmaceutical Chemistry and Technology (CTF) (2015-2020);**
- **Member of Quality Assurance body in Course of Study of CTF (2017-2019);**
- **Member of Joint Teaching-Student Committee** in the Science Human Health School of University of Florence (2017-2020);
- **Student Representative** in the Science Human Health School of University of Florence (2015-2020);
- **Student Representative in Department** of Neurosciences, Psychology, Drug Research and Child Health (2017-2020);

List of Publications

- **Participation to SFB 1328 retreat with “Deaza-AMP derivatives and analogs — new potent CD39 inhibitors”– Poster Session**

Date
04.04.2022

Signature

