

Curriculum vitae

PERSONAL DETAILS Elisa Domi



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📅 Date of birth 22/09/1994 📍 Place of birth Pisa, Italy 🇮🇹🇦🇱 Nationalities Italian/Albanian

PROFESSIONAL EXPERIENCE

Nov. 19- Feb. 20

Laboratory Assistant

Catholic University "Our Lady of Good Counsel", Tirana, (Albania)

- "Analysis of medicinal products I" Laboratory.
- "Analysis of medicinal products II" Laboratory.

1st nov. 18- Feb. 20

Pharmacist

At the pharmacy Marsfarma, Elbasan (Albania)

- Management of incoming drugs at the pharmacy.
- Monitoring and control of medical prescriptions.
- Compilation and monitoring of the register of drugs.
- Sale of drugs

25th Sep.17- 8 Jun.18

Experimental thesis

Pharmacology laboratory of Prof. Vincenzo Calderone
Pisa University, Department of Pharmacy, Pisa (Italy)

- Study of the role of sirtuins, particularly SIRT1, in aging and cardiovascular diseases.
- *In vitro* screening by enzymatic assay of innovative compounds as potential modulators of the SIRT1 enzyme.
- *In vivo* experimentation for the evaluation of the cardioprotective effect on ischemia / reperfusion injury of a newly synthesized compound as a probable activator of SIRT1.

Jul. 16– Jan. 17

Training in pharmacy

Sant'Andrea Pharmacy, Torre del Lago, (Italy)

- Management of incoming drugs at the pharmacy.
- Monitoring and control of medical prescriptions.
- Preparation of some galenic preparations.
- Compilation and monitoring of the register of narcotic drugs.
- Sale of drugs under supervision of the tutor.

Mar. 16– Apr. 16

Laboratory of "Quantitative drug analysis"

Pisa University, Department of Pharmacy, Pisa, (Italy)

- Use of classical methods of volumetric analysis and of modern instrumental methods like spectroscopy and chromatography for the quantitative determination of organic and inorganic compounds.
- Analysis and quantitative determination of substances with biological activity, such as drugs and their metabolites.

- Oct. 15– Dec. 15 **Training in “Computer-aided drug design”**
Pisa University, Department of Pharmacy, Pisa, (Italy)
- 3D analysis of some biological molecules (proteins and nucleic acids).
 - Evaluation of molecular mechanics and conformational research.
 - Molecular dynamics simulations.
 - Evaluation of receptor-ligand interactions.
 - Drug design based on docking.
 - QSAR, 3D-QSAR and ADME studies
- Oct. 15– Nov. 15 **Laboratory of "Pharmaceutical technology and legislation"**
Pisa University, Department of Pharmacy, Pisa, (Italy)
- Preparation of basic pharmaceutical products and their assessment (quality control) applying regulatory control tests.
 - Preparation of galenic preparations such as powders, capsules, creams, emulsions, gels and syrups, evaluation of product quality and application of warnings and price.
 - Compilation of the worksheet.
- Oct. 13–Apr. 15 **Laboratory of of "Qualitative analysis of drugs”**
Pisa University, Department of Pharmacy, Pisa, (Italy)
- Use of instrumental techniques for the identification, separation and characterization of pharmaceutical substances.
 - Study of the nature of an analytical sample, use of general techniques of fractionation and purification in the case of mixtures, determination of the main physical constants, solubility in inert and reactive solvents, research of functional groups and use of recognition reactions, characterization through the synthesis of crystalline derivatives and identification of pharmaceutical compounds.

EDUCATION

- 20th Mar 19- today **PhD student in “Public Health, molecular diagnosis of infective diseases and pharmacovigilance”.**
Catholic University "Our Lady of Good Counsel", Tirana, (Albania)
- 7th Jan. 2019 **Membership of the Order of Pharmacists of Albania**
- 10th Jul. 2018 **Qualification giving the right to obtain a license to the profession of pharmacist**
Pisa University, Department of Pharmacy, Pisa, (Italy)
- 8th Jun 2018 **Master’s degree in Pharmaceutical Chemistry and Technology, Department of Pharmacy**
Academic year 2016-2017
Pisa University, Department of Pharmacy, Pisa, (Italy)
- Graduation grade: 109/110
 - Experimental thesis with title: NEW MODULATORS OF ENZYME SIRT1 AND THEIR ROLE AS CARDIOPROTECTIVE AGENTS FROM MYOCARDIAL ISCHEMIA.
- Oct. 12– Jun. 18 **Student in Pharmaceutical Chemistry and Technology, Department of Pharmacy**
Pisa University, Pisa, (Italy)

Nov. 16 **Basic Life Support- Defibrillation (BLSD)**

At Associazione Livornese Amici del cuore, Livorno (Italy)

- Acquisition of knowledge about the maneuvers to intervene in case of cardiac arrest.

Jun. 12 **High school degree**

“Kostandin Kristoforidhi” high school of Elbasan, (Albania)

Graduation grade: 99/100

SKILLS

Native language Italian, Albanian

Other languages

	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	Interaction	Production	
English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2

Communication skills

- Excellent interpersonal skills acquired during the experience of training in pharmacy.
- Good communicative and collaborative skills acquired during the course of studies and in the thesis experience

Computer skills

- Computer-aided drug design
- Full knowledge of the Microsoft Office suite
- Good command of software for the design and analysis of chemical structures (Chemdraw) and for data analysis (PRISM)
- Knowledge of pharmacy management software (Winfarm)

Driver licence

B

PUBLICATIONS AND CONFERENCES

Publications

4th Sep. 2020

“The interaction Between Arachidonic Acid Metabolism and Homocysteine”

Endocrine Metabolic Immune Disorders Drug Targets.

Doi:10.2174/1871530320999200904130504.

Conferences

18- 20th Mar. 21

“19th European Congress of Internal Medicine” virtual congress

Participation through a poster entitled “The interaction between Arachidonic Acid Metabolism and Homocysteine”

