


Mario Coscarella

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Summary

I've acquired a deep knowledge in life science and pharma sector. My first Italian bachelor's degree was devoted to Biological Sciences. Upon its completion, the interest in life science and pharmacological environment has brought me to choose a five-years long Master Degree Course in Pharmacy in English Language. During my academic career I've done an experimental thesis in Medicinal Chemistry in the BSMC of the School of Pharmacy of Nottingham University (UK). This project, born in collaboration with the OSN of DNDi, has led, through my work, to the realization of five novel lead compounds active against two leading Neglected Tropical Diseases (NTDs). The expertise I've acquired in my career, particularly on computational analyses, biological techniques and pharmaceutical chemistry, can now be further implemented and applied into a wider and extended project of R&D. Indeed, antiparasitic drug discovery can provide new incentives for innovation as a profit that can be fueled back into other research pipelines.

Experience



Research intern

BSMC, Division of Biomolecular Sciences and Medicinal Chemistry: Internship

Dates Employed: Jun 2019 – Nov 2019

Employment Duration: 6 months

Location: Nottingham University, Nottingham, England, United Kingdom

I gained experience in:

- Research planning and scheduling
- Data collection
- Literature investigation
- Critical thinking
- Lab meeting participation
- International scientific collaboration
- Rational and scientific drug design and discovery
- Team working
- Presentation making



27th International Medicinal Chemistry Conference Delegate

Dates of Event: 21st – 23rd August 2019

Location: East Midlands Conference Centre, Nottingham University, England, UK



Pharmacy trainee

Farmacrimi Gruppo Farmacie Italiane: Internship

Dates Employed: Feb 2020 – Oct 2020

Employment Duration: 6 months

Location: Roma, Lazio, Italia

I gained experience in:

- Business management and strategic planning
- Communication/engagement with staff and departments heads
- Management of Pharmacy workforce
- Quality outcomes
- Drug dispensation
- Preparation and management of prescriptive orders
- Stock management and inventory
- Electronic prescription handling
- Veterinary prescription handling
- Customer/client relationship

Education



University of Rome Tor Vergata

Master's degree in Pharmacy, five years unique cycle entirely held in English Language, in partnership with the prestigious School of Pharmacy of Nottingham University and with Walgreens Boots Alliance. Achieved with the highest grade, 110/110 cum laude.

2017 – 2020

Experimental thesis in Medicinal Chemistry done in the BSMC of the School of Pharmacy of Nottingham University (UK) in collaboration with the OSN of DNDi. Exploration of new chemical space around the aminopyrazole urea scaffold: identification of five novel lead compounds active against Visceral Leishmaniasis and Chagas Disease.



University of Rome Tor Vergata

Supplementary Course in Authorization of Medicinal Products in the Eu

2019 – 2020

Gained knowledge in:

- EU directives and Regulations on Medicinal products: Named patient basis/compassionate use/ public health authorization, industrial manufacturing, national marketing authorizations, centralized/decentralized and mutual recognition, referral procedures, arbitration at the European Medicines Agency, CHMP.
- Principles of GMP, GCP, and GHP. Preparation of a registration dossier, eCTD.
- Principles of pharmaceutical legislation concerning clinical trials, orphan drugs, advancing therapies, pediatric drugs, biological drugs.
- Principles of protection of intellectual property applied to drugs.
- EU regulatory framework on Biosimilars
- Preclinical Drug Safety Assessment
- Licensing of Generics



Sapienza Università di Roma

Three years bachelor's degree in Italian, triennial not reformed regulation ex 509/99, Biological Sciences, 102/110.

Experimental Thesis in Plant Biology done in the Department of Biology and Biotechnology "Charles Darwin" BBCD. Role of cytokinines in the development of plants' ground tissue.



Liceo Classico "Italo Maione"

Diploma di Maturità Classica, 97/100

Skills

• English • Pharmacy • Research • Project Teams • Regulatory Affairs • Pharmacovigilance • Pharmaceutical Sales • Analytical and Computational Expertise • Organic Chemistry • Problem Solving • Presentations • DNA extractions • Separation techniques • PCR • HPLC • LC-MS • NMR • Adobe Photoshop • Microsoft Office