




ROSAMARIA LOMBARDO

PhD student in Neuroscience

Date of birth: 28th May 1993

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SKILLS

Problem solving
Team working
Creativity
Proactivity
Flexibility

SOFTWARE SKILLS

Rotor-Gene Q (QIAGEN)
Mestrenova
Data Explorer
DSC / TGA data analysis software
UV spectrophotometer
(Termoelettronica Genesis 10W Scanning)
Zetasizer nano

LANGUAGE SKILLS

English
Spanish
Italian (native)

PROFESSIONAL EXPERIENCE

Chemistry Teacher

Feb - Jun 2020

Convitto Nazionale Statale "Rinaldo Corso" di Correggio (RE)

Traineeship post-graduate

Sept - Dec 2019

Farmacia Isgrò, Mascalucia (Catania)

Erasmus Plus Traineeship

11 Jan - 12 Jul 2019

Researcher at the University of Nottingham (U.K.) Project: "How acute pain turns into chronic pain depending on protein translation in the axon, and cordycepin action".

Instrumentation: Real Time q-PCR; Reverse transcription; RNA extraction; q-PCR Nested PAT. Supervisor Prof. Cornelia De Moor

Researcher for my dissertation

Jan - Jul 2018

Consiglio Nazionale delle Ricerche (CNR), Catania.

Instrumentation: NMR, MALDI-TOF, Differential scanning calorimetry (DSC), Thermogravimetry (TGA), Spectrophotometry, LC-MASSA.

Techniques: MTT assay, Kirby-Bauer, Solvent Casting, to detect of ionic liquids release by the compounds, synthesis of organic molecules.

ACADEMIC BACKGROUND

PhD student in Neuroscience

Jan 2020 - ongoing

Project: Nose to brain route and Drug Delivery Systems for the intranasal administration.

Dipartimento di Scienze del Farmaco - Università degli Studi di Catania.

Supervisor: Prof. Rosario Pignatello

ECDL CERTIFICATE (AICA)

7 Nov 2019

Licence to practise the profession of pharmacist

9 Jan 2019

Master's degree in Pharmacy

Oct 2013 - Jul 2018

Università degli Studi di Catania, Dipartimento di Scienze del Farmaco. Vote 110/110 e lode, candidacy to "Premio Ordine dei Farmacisti". Sperimental Dissertation: "Synthesis and characterisation of Ionic Liquids (ILs) with antimicrobial and antitumor activity". Supervisor Prof. Orazio Prezzavento and co-supervisor Dr. Daniela Clotilde Zampino.