



**GABRIELE LOIUDICE**



G.LOIUDICE@OUTLOOK.IT



WWW.LINKEDIN.COM/IN/  
GABRIELE-LOIUDICE-  
GABBAGABBAHEY

## ABOUT

Always driven to ask questions and address problems, curiosity is a defining trait to my personality. The pursuit of varied interests made me eclectic and versatile.

My goal is to challenge myself every day and keep studying for my whole life.

## EDUCATION

### 2013 – 2019 INTEGRATED FIVE-YEAR MASTER'S DEGREE IN MEDICINAL CHEMISTRY AND INDUSTRIAL PHARMACY

CHIMICA E TECNOLOGIA FARMACEUTICHE  
FACOLTÀ DI FARMACIA E MEDICINA, SAPIENZA UNIVERSITY OF ROME

Honours student, Pharm.D. graduated Summa Cum Laude with the maximum score of 110/110.

### 2008 – 2013 HIGH SCHOOL DIPLOMA

DIPLOMA DI MATURITÀ, CORSO SCIENTIFICO SPERIMENTALE "BROCCA"  
LICEO CLASSICO STATALE "TERENZIO MAMIANI", ROME

Advanced High School program focused on hard sciences. Honours student across all five years of high school, graduated with maximum score of 100/100.

## EXPERIENCE

### 2020 - TODAY YOUNG RESEARCHER FELLOWSHIP

IRCCS ISTITUTO REGINA ELENA, IFO, ROME, ITALY

One year project: "Identification and influence of genetic variants of relevant genes in childhood AML". Funded by NaNa ONLUS.

### 2018 THESIS RESEARCH PROJECT ABROAD

MRC LMBC, UCL, LONDON, UK

Thesis Title: "Investigating deubiquitinase USP22 as a drug target for a novel treatment approach in Parkinson's Disease".

### 2017 FULL-TIME TRAINEESHIP IN OPEN-TO-PUBLIC PHARMACY

FARMACIA CLEMENTE XI, ROME

"Tirocinio Formativo", six months traineeship.

## RECOGNITIONS

### 2019 ABILITAZIONE ALLA PROFESSIONE DI FARMACISTA

Qualified pharmacist certification: legally entitled to possess, stock, buy, sell, and manufacture drugs across the EU.

### 2018 BORSA DI STUDIO PER TESI ALL'ESTERO

Excellence scholarship for the pursuit of research projects abroad.

### 2012, 2013, 2014, 2015 ISCRIZIONE ALL'ALBO DELLE ECCELLENZE DEL MINISTERO DELL'ISTRUZIONE

Excellence scholarship granted by the Ministry for Education based on academic achievements; three different inductions.

## SKILLS

### LABORATORY SKILLS

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Knowledge of all standard lab equipment, experience with all basic chemistry lab tools and reactions including titration, isolation, extraction, and identification of unknown substances.

Experience with small scale drug preparation and related tools (Allestimento di Galenici ed Officinali).

Multiple experiences in molecular biology and biochemistry laboratories, including: human and bacterial cell culturing; RNA interference; transfection techniques including electroporation; plasmid engineering, production and amplification; protein extraction and purification; Western Blotting; numerical and visual data analysis; immunofluorescence and cell imaging; trained for confocal microscopy using Leica inverted microscopes; basic HTS experience, basic NGS experience.

### LANGUAGES

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**Italian** – Mother tongue

**English** – Excellent knowledge, fluent, Cambridge C2 Certificate

**Spanish, Japanese, German** – Basic knowledge, conversational

### COMPUTER SKILLS

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Can fully utilize all Microsoft environment and software. Familiar with and easily adapted to common usage software and devices. Considerable understanding of informatics and electronics, basic knowledge of informatic language and coding.

Basic knowledge of the Python language and the Anaconda environment applied to data science, including libraries such as NumPy, Pandas, Matplotlib, SciPy. Can use software such as Chimera, ChemSpider and other molecular imaging and 3D-QSAR tools; software such as Fiji, Image Lab and LAS X.

### PERSONAL SKILLS

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Good experience with working in multi-cultural environments, including traveling with AFS (Intercultura) and attending to the Comenius project as school representative.

From 2015 to 2018 elected Students' Representative for Sapienza University and selected Faculty Council Member for the School of Pharmacy and Medicine. Since 2011 privately teaches high school and university students (tutoring). Experience with giving lectures and presenting his own work.

Eager to work; in 2020 attended several online courses, including one on advanced gene editing with CRISPR techniques; attends EMBL organized seminars, attended the BioForm Project in 2012, attended the UniStem project as group leader in 2011; in 2013 qualifies 23<sup>rd</sup> in nation-wide science competition (Olimpiadi delle Scienze); from 2010 to 2013 curator to a small botanical garden; from 2011 to 2013 editorial team leader in the school's newspaper; published some poetry; practices kung fu; plays drums and sings with knowledge of music.

Italian driving licence (Patente di Guida B).

## REFERENCES

### PAST RESEARCH EXPERIENCE

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**Dr. Robin Ketteler** – MRC LMCB, London

### ACADEMIC CAREER

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**Dr. Silvia Chichiarelli** – Dipartimento Rossi Fanelli, Sapienza Università di Roma