



Daniela Lufrano

OCCUPAZIONE

Research and university teaching assistant

ESPERIENZA LAVORATIVA

[08/04/2024 – Attuale]

Visiting Researcher

University of Camerino, Italia

Indirizzo: School of Biosciences and Veterinary Medicine

[01/02/2021 – Attuale]

Research assistant

National Scientific and Technical Research Council, Argentina

Indirizzo: Faculty of Exact Sciences, La Plata, Argentina

[16/04/2015 – Attuale]

University teaching assistant in Chemistry II course (in person and remote)

National University Arturo Jauretche, Argentina

Indirizzo: Institute of Health Sciences (ICS), Florencio Varela, Argentina

[01/08/2023 – 15/12/2023]

University teaching assistant in the complementary course "Purification and biochemical characterization of proteins"

National University of La Plata, Argentina

Indirizzo: Faculty of Exact Sciences, La Plata, Argentina

[12/01/2023 – 15/07/2023]

Visiting Researcher

University of Camerino (School of Biosciences and Veterinary Medicine), Camerino, Italia

[01/02/2016 – 03/04/2022]

University teaching assistant in Physical-chemistry course

National University of La Plata, Argentina

Indirizzo: Faculty of Exact Sciences, La Plata, Argentina

[01/12/2016 – 30/01/2021]

Research assistant

Scientific Research Commission of the Province of Buenos Aires, Argentina

Indirizzo: IMBICE, La Plata, Argentina

[01/11/2012 – 31/01/2016]

University tutor in Physical-chemistry course

National University of La Plata, Argentina

Indirizzo: Faculty of Exact Sciences, La Plata, Argentina

[01/04/2013 – 22/09/2015]

Post-doctoral fellow

National Scientific and Technical Research Council, Argentina

Indirizzo: CIPROVE, Faculty of Exact Sciences, La Plata, Argentina

[01/02/2015 – 14/04/2015]

Short-term post-doctoral stays

Autonomous University of Barcelona, Spain

Indirizzo: Institut of Biotechnology and Biomedicine (IBB), Cerdanyola del Vallès, Spain

[01/04/2014 – 28/06/2014]

Short-term post-doctoral stays

Autonomous University of Barcelona. Spain

Indirizzo: Institut of Biotechnology and Biomedicine (IBB), Cerdanyola del Vallès, Spain

[02/02/2012 – 10/05/2012]

Short-term doctoral fellow of the MinCyT- MICINN Bilateral Cooperation Agreement



Autonomous University of Barcelona, Spain

Indirizzo: Institut of Biotechnology and Biomedicine (IBB), Cerdanyola del Vallès, Spain

[30/08/2010 – 17/08/2011]

Erasmus Mundus doctoral "sandwich" fellow

Biocant Park-Science and Technology Park, Portugal

Indirizzo: Biocant-Núcleo 4, Cantanhede, Portugal

[18/02/2009 – 31/05/2009]

Short-term doctoral fellow of the SECYT-GRICES Bilateral Cooperation Program

University of Coimbra , Portugal

Indirizzo: Center for Neuroscience and Cell Biology (CNC), Coimbra, Portugal

ISTRUZIONE E FORMAZIONE

[01/04/2008 – 20/12/2012]

Doctor of the Faculty of Exact Sciences in the area of Biological Sciences

National University of La Plata (Faculty of Exact Sciences), La Plata, Argentina

| **Tesi:** Structure-function relationship of cirsin, an aspartic protease from "Cirsium vulgare", and derived peptides with biological activities

[01/08/2022 – 05/08/2022]

Complementary course: Cell line cultures and primary cultures. Practical considerations and their applications in basic sciences and biotechnology (35 hours)

National University of the Northwest of Buenos Aires, Junín, Argentina

[22/10/2018 – 05/11/2018]

Complementary course: Methods for the study of protein conformation and their interactions (90 hours)

University of Buenos Aires (Faculty of Pharmacy and Biochemistry), Buenos Aires, Argentina

[01/12/2008 – 12/12/2008]

Complementary course: Molecular biology tools: directed mutagenesis and its application to the study of protein structure and function (75 hours)

University of Buenos Aires (Faculty of Pharmacy and Biochemistry), Buenos Aires, Argentina

[01/03/1997 – 26/02/2008]

Biochemist (enabling degree to doctorate)

National University of La Plata (Faculty of Exact Sciences), La Plata, Argentina

| **Voto finale:** 8.91/10

[01/03/1997 – 29/03/2006]

Chemist (4-year basic studies on Biochemistry)

National University of La Plata (Faculty of Exact Sciences), La Plata, Argentina

| **Voto finale:** 8.76/10

COMPETENZE LINGUISTICHE

Lingua madre: spagnolo

Altre lingue:

inglese

ASCOLTO B2 LETTURA C1 SCRITTURA C1

PRODUZIONE ORALE C1 INTERAZIONE ORALE B2

portoghese

ASCOLTO B1 LETTURA B1 SCRITTURA A2

PRODUZIONE ORALE A2 INTERAZIONE ORALE B1

italiano

ASCOLTO B1 LETTURA B1 SCRITTURA A2

PRODUZIONE ORALE B1 INTERAZIONE ORALE B1

Livelli: A1 e A2: Livello elementare B1 e B2: Livello intermedio C1 e C2: Livello avanzato



COMPETENZE DI GESTIONE E DIRETTIVE

Supervisor of undergraduate and graduate students

- Supervising 3 undergraduate thesis projects
- Co-supervising 1 graduate thesis project
- Coordinating the activities of 2-3 teaching assistants in the experimental course of Physical Chemistry

PUBBLICAZIONI

List of published articles

Link: https://drive.google.com/file/d/1U-x68HfgVc2Wn1bbPb_94WW767sONTgy/view?usp=sharing

CONFERENZE E SEMINARI

List of conference communications

Link: <https://drive.google.com/file/d/1Scg8eAU1tgVFz4ULRf3172jHVdH1-2Be/view?usp=sharing>

COMPETENZE PROFESSIONALI

Laboratory technics

- Extraction of RNA and DNA, PCR
- Cloning and expression of recombinant proteins (in bacterial and yeast systems)
- Protein quantification (absorbance, Bradford, BCA), concentration and purification (FPLC, HPLC)
- Agarose and polyacrylamide gel electrophoresis, Western Blot
- UV-vis spectrophotometry
- Enzymatic activity and inhibition assays
- Cell culture
- Use of MALDI-TOF MS and cell culture
- Knowledge of potentiometry, polarimetry, calorimetry and conductivity

COMPETENZE DIGITALI

Le mie competenze digitali

Remote tools (Webex, Meet, Microsoft Teams, Zoom, Jitsi, Skype) | Moodle platform | Mac and Windows Systems | SQL (basic) | PowerBI | Python (beginner level)

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".