



● EDUCATION AND TRAINING

01/11/2019 – CURRENT – Rome, Italy

PHD IN THEORETICAL AND APPLIED MECHANICS – Sapienza University of Rome

Address Rome, Italy

25/07/2019 – Rome, Italy

MASTER'S DEGREE IN MEDICAL BIOTECHNOLOGY – Sapienza University of Rome

Address Rome, Italy

20/12/2017 – Rome, Italy

BACHELOR'S DEGREE IN BIOTECHNOLOGY – Sapienza University of Rome

Address Rome, Italy

● CONFERENCES AND SEMINARS

20/06/2022 – 23/06/2022 – Poreta

From biology to bioinspiration: theory, simulation, and experiments for biophysical systems

Flash presentation

16/09/2021 – 17/09/2021 – Ancona

The 1st DiSVA-MaSBIC Symposium

Talk

24/07/2021 – 28/07/2021 – Vienna

European Biophysics Conference 2021

Poster

23/06/2021 – 26/06/2021 – S. Anna in Camprena

Phase transitions at the nanoscale: wetting of nanoporous materials, cluster formation, and nanofriction

Flash presentation

22/02/2021 – 26/02/2021 – Virtual

65th Annual Meeting of the Biophysical Society

Poster

02/02/2021 – 05/02/2021 – Rome

Frontiers in ion channels and nanopores: theory, experiment and simulation

Poster

<https://sites.google.com/uniroma1.it/ficn2021>

13/09/2020 – 16/09/2020 – Rome

Multiscale simulations and biological channels

Organizer and flash presentation

● **HONOURS AND AWARDS**

03/2022

ISCRA C – CINECA

Italian SuperComputing Resource Allocation funded by CINECA, N°: HP10CQU7AC

2021

Avvio alla Ricerca 2021 – Sapienza University of Rome

Initial Research Projects funded by Sapienza University of Rome, N°: AR12117A2F157CD4

2020

Avvio alla Ricerca 2020 – Sapienza University of Rome

Initial Research Projects funded by Sapienza University of Rome, N°: AR12017285A07BBC

● **COURSES**

11/07/2022 – 15/07/2022

Summer School on Computer-aided Drug Design

University of Pisa - 40 hours

07/02/2022 – 11/02/2022

Introduction to Python Programming

CINECA Academy - 24 hours

30/11/2020 – 04/12/2020

Winter School on Biomolecular Simulations

BioExcel - 40 hours

14/10/2019 – 16/10/2019

High Performance Molecular Dynamics

CINECA Academy - 24 hours

● **PUBLICATIONS**

Molecular dynamics simulations suggest possible activation and deactivation pathways in the hERG channel

Communications Biology 5.1 (2022): 1-11

<https://doi.org/10.1038/s42003-022-03074-9> – 2022

Frontiers in Molecular Biosciences 8 (2021)
<https://doi.org/10.3389/fmolb.2021.784276> – 2021

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DRIVING LICENCE

Driving Licence: B

Autorizzo il trattamento dei dati personali ai sensi dell'attuale Decreto Legislativo (art. 4 D.Lgs. 196/03)

Roma, 10/10/2022