



## Personal information

Surname(s) / First name(s)

**Guidarelli Mattioli, Francesco**

## Education

Place and Date  
Title of qualification awarded

University of Rome La Sapienza, 2013-2016  
BSc in Biomedical Engineering

Place and Date  
Title of qualification awarded

University of Rome La Sapienza, 2016-2018  
BSc in Physics

Place and Date  
Title of qualification awarded

Scuola Internazionale di Studi Superiori Avanzati (SISSA), 2020-2021  
Visiting Student

Place and Date  
Title of qualification awarded

University of Rome La Sapienza, 2018-2020  
MSc in Biophysics

## Awards

Second degree

During my studies in biomedical engineering, I developed a strong interest for physics. After I graduated in Biomedical engineering, I moved to physics and I got a bachelor in physics.

## Language

Mother tongue(s)  
Other language(s)

**Italian**

*Self-assessment  
European level<sup>(\*)</sup>*

English

**English**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

## Additional information

Programming language

Fortran, C, Python, Matlab, R

Molecular Dynamics  
simulation and  
visualization software

AMBER, GROMACS, VMD

Scientific interests

I'm very interested in the study of biological phenomena from a physical point of view, quantifying, analyzing and modelling the network of chemical reactions that occur in living systems. I'm interested in the molecular scale of biophysical systems and the main method of investigation I use is molecular dynamics simulations.