

PERSONAL INFORMATION

Serena COZZOLINO



Nationality: Italian

Date of birth: 18 December 1991

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EDUCATION

- November 2020 – ongoing **PhD in Chemistry – Institut Laue-Langevin (ILL), Grenoble, France & KTH Royal Institute of Technology, Stockholm, Sweden**
H2020 MSCA COFUND programme InnovaXN
Project: “Adhesion and interaction with hair biomolecules – a cosmetic perspective” <https://www.innovaxn.eu/adhesion-and-interactions-with-hair-biomolecules/>
- November 2016 **State qualifying examination for chemists**
University of Naples “Federico II”, Italy
- October 2013 – March 2016 **Master Degree in Chemical Sciences** - Final mark: 110/110
University of Naples “Federico II”, Italy
▪ Erasmus+ scholarship – KU Leuven (Belgium), 1 semester
▪ Thesis in biophysical chemistry; title: “Conformational stability of an Arginine-Binding Protein from *Thermotoga maritima*”
- October 2010 – October 2013 **Bachelor Degree in Chemistry**
University of Naples “Federico II”, Italy
▪ Thesis in biochemistry; title: “Proteins identification in archaeological samples by proteomics”

WORK EXPERIENCE

- September 2018 – September 2019 **Research fellowship** – Institute of Food Science, CNR-ISA, Avellino, Italy
H2020 project SAFE STRIP
- December 2016 – July 2018 **Internship** – Research group of Biophysical chemistry and Biocalorimetry
University of Naples “Federico II”, Italy
- April 2017 – June 2017 **Short-term contract** – Promete srl, Naples, Italy

PERSONAL SKILLS

- Languages Italian (native speaker), English (C1), French (B1), Dutch (A1)
- Digital competence Microsoft Office and iWork suites, OriginLab and IgorPro software, Python (beginner)

Job-related skills Biocalorimetry, Circular dichroism, UV-vis and fluorescence spectroscopy; basic knowledge in mass spectrometry and protein expression and purification; bioinformatics tools e.g. RCSB PDB, MASCOT; surface functionalization and characterization of interface phenomena, reflectometry

ADDITIONAL INFORMATION

Driving license B

Conferences
(participant) ▪ XV national congress of the Italian Chemistry Society “La chimica prende il volo” – Rome/Frascati, Italy, June 2011
 ▪ International conference “The kidney in genetic and rare diseases” - Naples, Italy, October 2016
 ▪ “Biophysics@Rome” – Rome, Italy, May 2019
 ▪ XLVII Congress of the Physical Chemistry Division of the Italian Chemistry Society – Rome, Italy, July 2019

Courses ▪ Advanced Mass Spectrometry – University of Naples “Federico II”, June 2017
 ▪ V School of Chemistry for the Environment and Cultural Heritage – Ravenna, Italy, January 2018

Events Collaborator at the festival of science and technology “Futuro Remoto”, XXXII edition – Naples, November 2018

Publications ▪ Vigorita *et al.*, *Biopolymers* 109 (2018) e23104, <https://doi.org/10.1002/bip.23104>
 ▪ Smaldone *et al.*, *Int J Biol Macromol* 119 (2018) 758-769, <https://doi.org/10.1016/j.ijbiomac.2018.07.172>
 ▪ Cozzolino *et al.*, *Phys Chem Chem Phys* 20 (2018) 29389-29398, <https://doi.org/10.1039/C8CP04421J>
 ▪ Oliva *et al.*, *J Therm Anal Calorim* 138 (2019) 3249-3256, <https://doi.org/10.1007/s10973-019-08609-7>
 ▪ Cozzolino *et al.*, *Int J Biol Macromol* 163 (2020) 375-385, <https://doi.org/10.1016/j.ijbiomac.2020.06.290>
 ▪ Cozzolino *et al.*, *J Mol Liq* 322 (2021) 114969, <https://doi.org/10.1016/j.molliq.2020.114969>
 ▪ Cozzolino *et al.*, *Life* 11 (2021) 652, <https://doi.org/10.3390/life11070652>