

Name: Erica **Surname:** Quagliarini

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Phone number: (+39) 392 3890672

Gender: Female

Date of birth: 19/04/1992

WORK EXPERIENCE

[11/2021 – Current] Post-Doctoral researcher

prof. Giulio Caracciolo, Department of Molecular Medicine, Sapienza University of Rome

[10/2018 – 11/2021] PhD student

prof. Anna Laura Capriotti, Department of Chemistry, Sapienza University of Rome

[01/2018 – 06/2018] Master Internship

University of Zaragoza, Instituto de Nanociencia de Aragon, Zaragoza, Spain

[01/10/2019 – 01/12/2021] Tutoring Camplus-Roma, Rome, Italy

[20/10/2020 – 21/11/2021] Science and Mathematics teacher secondary school Istituto comprensivo Paolo Stefanelli

EDUCATION AND TRAINING

[10/2018 – 11/2021] Ph.D. in Chemical Science

Sapienza, University of Rome

[01/2016 – 09/2018] Master's degree in Organic Chemistry

Alma Mater Studiorum, University of Bologna, Bologna, Italy

[10/2011 – 05/2015] Bachelor's degree in Chemistry

Sapienza, University of Rome, Rome, Italy

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s): English

Listening B2 Reading B2 Writing B2

Spoken production B2 Spoken interaction B2

DIGITAL SKILLS

Microsoft Excel, MathLab, OriginPro 85, Fiji-ImageJ

PUBLICATIONS

Number of publications= 26

h-index (Scopus)= 10

CONFERENCES AND SEMINARS

[18/09/2023-22/09/2023] NanoInnovation 2023
Rome, Italy, Speaker

[28/06/2023-30/06/2023] Nanotech France 2023
Paris, France, Poster

[20/06/2022-23/06/2022] SYNC2022 First Symposium for YouNg Chemists: Innovation and Sustainability
Rome, Italy, Oral

[04/07/2022-07/07/2022] XLVIII National Congress of Physical Chemistry, Physical Chemistry and the challenges

of ecological transition. Genova, Italy, Oral

[13/04/2022-15/04/2022] 16th EUROPEAN SYMPOSIUM ON CONTROLLED DRUG DELIVERY
Egmond and Zee, The Netherlands, Poster

[15/12/2021] PNI TeaTime webinar series of Precision Nanosystem
online event, Oral

[18/11/2021] Congresso giovani ricercatori Virtual seminar
Rome, Italy, Oral

[23/09/2019-27/09/2019] Graphene Week 2019
Marina Congress, Helsinki, Finland, Poster

[02/05/2019-03/05/2019] Workshop Nanomedicine 2019
Università la Bicocca, Milan, Italy, Poster

PATENT APPLICATIONS

[2022] Highly fusogenic multicomponent lipid nanoparticles for nucleic acid delivery and process for the preparation thereof. P number P6315IT00

[2020] Test sierologico per coadiuvare la diagnosi e il monitoraggio del glioblastoma multiforme. P.number P3666IT00

PROJECTS

[2022-current] Participant in the research activities of the project: "Nanotechnology-based rapid in vitro diagnostic test for pancreatic cancer" funded by the AIRC Foundation
Project Code: Id. 24521; Project manager: Prof. Daniela Pozzi

HONOURS AND AWARDS

[2023] Progetto Avvio alla Ricerca, Tipo 2,
Sapienza, University of Rome
Project title: 'Nanoparticle-based laser blood test for early cancer detection', Number of protocol: AR22318877873DA9

[2022] Progetto Avvio alla Ricerca, Tipo 2,
Sapienza, University of Rome
Project title: 'Development of an in vitro diagnostic test for early cancer detection', Number of protocol: AR2221815C58D796

[2020] Progetto Avvio alla Ricerca, Tipo 1,
Sapienza, University of Rome
Project title: 'Personalized Graphene Oxide-Protein Corona for early stage cancer detection', Number of protocol: AR120172B93937F3