

Daniel Di Risola

KEYWORDS

Alzheimer's disease ; Polyphenols ; LC-MS systems ; Lipidomics ; Metabolomics

WORK EXPERIENCE

Postdoctoral researcher

Sapienza university of Rome [01/03/2024 – Current]

City: Rome | Country: Italy

PhD in Biochemistry

Sapienza university of Rome [01/11/2020 – 12/12/2023]

City: Rome | Country: Italy

Visiting PhD student

Institut des Sciences Analytiques (ISA) [17/10/2022 – 16/12/2022]

City: Lyon | Country: France

Internship in biochemical laboratory

Sapienza university of Rome [31/08/2019 – 23/10/2020]

City: Rome | Country: Italy

Internship in biomedical laboratories

Umberto Ist hospital and Sapienza university of Rome [29/02/2016 – 31/10/2018]

City: Rome | Country: Italy

EDUCATION AND TRAINING

PhD in BIOCHEMISTRY

La Sapienza university of Rome [01/11/2020 – 12/12/2023]

Address: piazzale Aldo Moro, 5, 00185 Rome (Italy) | Website: https://phd.uniroma1.it/web/BIOCHIMICA_nD3487_IT.aspx

Master degree in MEDICAL BIOTECHNOLOGY

La Sapienza university of Rome [31/10/2018 – 23/10/2020]

Address: piazzale Aldo Moro, 5, 00185 Rome (Italy) | Website: <https://corsidilaurea.uniroma1.it/it/corso/2018/29897/home> | Final grade: 110/110 cum laude

Bachelor degree in BIOMEDICAL LABORATORY TECHNICIAN

La Sapienza university of Rome [09/09/2015 – 13/11/2018]

Address: piazzale Aldo Moro, 5, 00185 Rome (Italy) | **Website:** <https://corsidilaurea.uniroma1.it/it/corso/2016/15989/home> | **Final grade:** 110/110 cum laude

Scientific high school diploma

High school PLINIO SENIORE [31/08/2008 – 04/07/2013]

Address: via montebello 122, 00100 Rome (Italy) | **Website:** http://www.liceoplinio.edu.it/index.php?option=com_content&view=article&id=23&Itemid=136

PUBLICATIONS

[2024]

[Olea europaea L-derived secoiridoids: Beneficial health effects and potential therapeutic approaches](#)

Simone Filardo, Mattioli Roberto, **Daniel Di Risola**, Luciana Mosca, Marisa Di Pietro, Rosa Sessa

[2023]

[Polyacrylate-Cholesterol Amphiphilic Derivative: Formulation Development and Scale-up for Health Care Applications](#)

Viola, M., Migliorini, C., Ziarelli, F., Viel, S., Cencetti, C., **Di Risola, D.**, Mosca, L., Masuelli, L., Matricardi, P., & Di Meo, C

[2023]

[Natural deep eutectic solvents protect RNA from thermal-induced degradation](#)

Mattioli, R., Maggiore, A., **Di Risola, D.**, Federico, R., D'Erme, M., Francioso, A., & Mosca, L.

[2022]

[Synthesis and Chromatographic Determination of S-Nitrosopantetheine: Exploring Reactivity and Stability in Different Aqueous Solutions](#)

Daniel Di Risola, Roberto Mattioli, Giulia Mazzocanti, Simone Manetto, Maurizio Trovato, Mario Fontana, Luciana Mosca, Antonio Francioso

[2022]

[ERp57 Chaperon Protein Protects Neuronal Cells from A \$\beta\$ -induced toxicity](#)

Daniel Di Risola, Daniela Ricci, Ilaria Marrocco, Flavia Giamogante, Maddalena Grieco, Antonio Francioso, Aldrin Vasco-Vidal, Patrizia Mancini, Gianni Colotti, Luciana Mosca, Fabio Altieri

[2022]

[Optimization of Potent and Specific Trypanothione Reductase Inhibitors: A Structure-Based Drug Discovery Approach](#)

Theo Battista, Stefano Federico, Simone Brogi, Luca Pozzetti, Tuhina Khan, Stefania Butini, Anna Ramunno, Eleonora Fiorentino, Stefania Orsini, Trentina Di Muccio, Annarita Fiorillo, Cécile Exertier, **Daniel Di Risola**, Gianni Colotti, Sandra Gemma, Andrea Ilari, Giuseppe Campiani

[2022]

Effect of Natural Deep Eutectic Solvents on trans-Resveratrol Photo-Chemical Induced Isomerization and 2,4,6 Trihydroxyphenanthrene Electro-Cyclic Formation

Roberto Mattioli, **Daniel Di Risola**, Rodolfo Federico, Alessia Ciogli, Francesco Gasparrini, Claudio Villani, Mario Fontana, Anna Maggiore, Maria d'Erme, Luciana Mosca, Antonio Francioso

CONFERENCES & SEMINARS

[06/06/2024 – 08/06/2024] Poster session at 5th T21RS international conference - ROME

Effect of olive oil polyphenols in a Down syndrome mouse model

[03/06/2024 – 04/06/2024] Oral presentation at INFN - laboratori nazionali di Frascati

Hyaluronic acid hydrogels for the delivery of betamethasone in 2D and 3D skin models

[28/09/2022 – 30/09/2022] Oral presentation at 15th World Congress on Polyphenols Applications - ADEIT, Valencia (Spain)

Olive oil polyphenols protect the brain from chronic low-grade inflammation

[06/06/2022 – 09/06/2022] Oral presentation at 33rd National Meeting "A. Castellani" - Brallo di Pregola (PV)

ERp57 Chaperon Protein Protects Neuronal Cells from A β -induced toxicity

[08/12/2021 – 09/12/2021] Oral presentation at 2nd International Conference on Neuroprotection 2021 - Camerino (MC)

Olive oil polyphenols protect the brain from chronic low-grade inflammation

[27/10/2021 – 28/10/2021] Poster session at Virtual EMBO Workshop Microglia 2021

The effect of β -hexachlorocyclohexane (β -hch) in bv2 microglia cells

GRANTS AND AWARDS

Bando contributi soggiorno estero SIB 2022

Società Italiana Biochimica

Avvio alla ricerca 2022

Sapienza University of Rome

Avvio alla ricerca 2023

Sapienza University of Rome

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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