PERSONAL INFORMATION

Adriana Coricello
Postdoctoral Researcher

CAREER EXPERIENCE

Sept 2022 - Present
Postdoctoral Researcher
Università di Urbino "Carlo Bo", Urbino, Italy

April 2022 – Sept 2022
May 2021 – July 2021
Oct 2018 - Nov 2018
Teaching Assistant (CHIM/07a)
Università degli Studi "Magna Graecia" di Catanzaro, Catanzaro, Italy

EDUCATION AND TRAINING

Dec 2018 – March 2022
PhD in Life Sciences
Università degli Studi "Magna Graecia" di Catanzaro, Italy

Jun 2021 - Jul2021
Feb 2019 - Feb 2020
Visiting PhD Student
Cardiff University, Cardiff, UK

Feb 2017 - Feb 2018
II Level Master in Drugs Design and Development
Università degli Studi di Pavia, Pavia, Italy

Oct 2010 - Jul 2016
MSc in Pharmaceutical Chemistry and Technology
Università della Calabria, Rende, Italy

Apr 2015 - Oct 2015
Visiting Student
University of Southern California, Los Angeles, USA

May 2014 - Jan 2015
Community Retail Pharmacist, Trainee

ADDITIONAL INFORMATION

Oral and Poster Communications

Coricello A, Musgaard M, Tehan BG, Bottegoni G. An MD-based workflow for predicting relative affinities of series of congeneric ligands. UK QSAR Spring 2024 Meeting, Cambridge (UK), April 11th 2024.
Poster Presentation

Adriana Coricello. Natural products in drug discovery. In Silico approaches for the detection of new hits against unexplored molecular targets. Paul Ehrlich Euro-PhD Network Virtual Meeting 2022, Barcelona (ES), Jul 14h-16h 2022.
Oral Communication.

Adriana Coricello. Model optimization and site-mapping of hASNS, a novel target in the treatment of ALL. Paul Ehrlich Euro-PhD Network Virtual Meeting 2021, Catanzaro, Jul 26th-28th 2021.
Oral Communication.

Adriana Coricello. Computational approaches for the identification of hASNS inhibitors. 7th CDDD Meeting, Milano, Jun 25th2021.
Oral Communication.

Coricello A, Costa G, Ambrosio FA, Sala F, Alcaro S, Rossi D, Vasile F, Collina S. Upcoming targets in neurodegenerative diseases: a molecular recognition study. Paul Ehrlich Euro-PhD Network & MuTaLig COST Action meeting 2019, Catanzaro, Jun 13th-15th 2019.
Poster Presentation.

Coricello A, Costa G; Alcaro S, Rossi D, Collina S. HuD. Exploring a Potential Target in the Treatment of Neurodegenerative Diseases. VII European Workshop in Drug Synthesis, Siena, May 20th-24th 2018. Poster Presentation.

Publications

Zia S.R., **Coricello A.**, Bottegoni G. Increased throughput in methods for simulating protein ligand binding and unbinding (2024) Current Opinion in Structural Biology, 87, art. no. 10287.

Dichiara M., Ambrosio F.A., Lee S.M., Ruiz-Cantero M.C., Lombino J., **Coricello A.**, Costa G., Shah D., Costanzo G., Pasquinucci L., Son K.N., Cosentino G., González-Cano R., Marrazzo A., Aakalu V.K., Cobos E.J., Alcaro S., Amata E. Discovery of AD258 as a Sigma Receptor Ligand with Potent Antiallodynic Activity (2023) Journal of Medicinal Chemistry, 66 (16), pp. 11447 – 11463.

Caracciolo D., Juli G., Riillo C., **Coricello A.**, Vasile F., Pollastri S., Rocca R., Scionti F., Polerà N., Grillone K., Arbitrio M., Staropoli N., Caparello B., Britti D., Loprete G., Costa G., Di Martino M.T., Alcaro S., Tagliaferri P., Tassone P. Exploiting DNA Ligase III addiction of multiple myeloma by flavonoid Rhamnetin (2022) Journal of Translational Medicine, 20 (1), art. no. 482.

Riegert A.S., Narindoshvili T., **Coricello A.**, Richards N.G.J., Raushel F.M. Functional Characterization of Two PLP-Dependent Enzymes Involved in Capsular Polysaccharide Biosynthesis from Campylobacter jejuni (2021) Biochemistry, 60 (37), pp. 2836 - 2843

Ambrosio F.A., **Coricello A.**, Costa G., Lupia A., Micaelli M., Marchesi N., Sala F., Pascale A., Rossi D., Vasile F., Alcaro S., Collina S. Identification of Compounds Targeting HuD. Another Brick in the Wall of Neurodegenerative Disease Treatment (2021) Journal of Medicinal Chemistry, 64 (14), pp. 9989 – 10000.

Radadiya A., Zhu W., **Coricello A.**, Alcaro S., Richards N.G.J. Improving the Treatment of Acute Lymphoblastic Leukemia (2020) Biochemistry, 59 (35), pp. 3193 – 3200.

Coricello A., Adams J.D., Lien E.J., Nguyen C., Perri F., Williams T.J., Aiello F. A walk in nature: Sesquiterpene lactones as multi-target agents involved in inflammatory pathways (2020) Current Medicinal Chemistry, 27 (9), pp. 1501 – 1514.

Coricello A., Mesiti F., Lupia A., Maruca A., Alcaro S. Inside perspective of the synthetic and computational toolbox of JAK inhibitors: Recent updates (2020) Molecules, 25 (15), art. no. 3321.

Zhu W., Radadiya A., Bisson C., Wenzel S., Nordin B.E., Martínez-Márquez F., Imasaki T., Sedelnikova S.E., **Coricello A.**, Baumann P., Berry A.H., Nomanbhoy T.K., Kozarich J.W., Jin Y., Rice D.W., Takagi Y., Richards N.G.J. High-resolution crystal structure of human asparagine synthetase enables analysis of inhibitor binding

Demurtas O.C., de Brito Francisco R., Diretto G., Ferrante P., Frusciante S., Pietrella M., Aprea G., Borghi L., Feeney M., Frigerio L., **Coricello A.**, Costa G., Alcaro S., Martinoia E., Giuliano G. ABCC Transporters Mediate the Vacuolar Accumulation of Crocins in Saffron Stigmas (2019) The Plant cell, 31 (11), pp. 2789 - 2804

Martino E., Tarantino M., Bergamini M., Castelluccio V., **Coricello A.**, Falcicchio M., Lorusso E., Collina S. Artemisinin and its derivatives; Ancient tradition inspiring the latest therapeutic approaches against malaria (2019) Future Medicinal Chemistry, 11 (12), pp. 1443 – 1459.

Coricello A., El-Magboub A., Luna M., Ferrario A., Haworth I.S., Gomer C.J., Aiello F., Adams J.D. Rational drug design and synthesis of new α-Santonin derivatives as potential COX-2 inhibitors (2018) Bioorganic and Medicinal Chemistry Letters, 28 (6), pp. 993 – 996.

Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003.