

Diego Caprioglio

PERSONAL DATA

Born in Casale M.to il 30/12/1986. Resident in Casale M.to

BIO AND EDUCATION

After graduating from high school at ITIS A. Sobrero di Casale M.to, in 2005 he began his university studies in Medicinal Chemistry at the Faculty of Pharmacy, Università del Piemonte Orientale, Novara.

He graduated in October 2011 with a thesis in Medicinal Chemistry in the laboratories of Prof. Gian Cesare Tron.

From January 2012 to October 2012, he worked in the laboratories of Prof. Giovanni Appendino as fellow, then from November 2012 to February 2016 as PhD student. As part of the PhD program, from January 2015 to July 2015 he worked in the laboratories of Prof. Stephen Patrick Fletcher, University of Oxford (UK) on the optimization of hydrometallation asymmetric copper-catalyzed conjugate addition.

From 2016 to 2019 he is Post-Doc Fellow at Laboratorio di Chimica delle Sostanze Naturali- DSF UNIUPO.

In 2019 he started as Ricercatore a tempo determinato- Tipo A at Laboratorio di Chimica delle Sostanze Naturali- DSF UNIUPO.

He is author of 31 scientific papers and 1 patent in the field of medicinal chemistry and natural bioactive compounds.

UNIVERSITY CAREER

2019- now	rtd-A, DSF- UNIUPO
2016-2019	Post-doc Fellow, DSF- UNIUPO
2012-2016	PhD Student, DSF- UNIUPO
2011-2012	Fellow, DSF- UNIUPO

MAIN FIELDS OF INTEREST

1. Natural Product Chemistry
2. New Synthetic Methodologies

TOP FIVE PAPERS

1. Mattoteia, D., Tagliatela-Scafati, O., Muñoz, E., De La vega, L., Appendino, G., **Caprioglio, D.**, *Regiodivergent Synthesis of ortho- and para-Cannabinoquinones*, *European Journal of Organic Chemistry*, 2020, 2020(48), pp. 7429–7434
2. **Caprioglio, D.**, Mattoteia, D., Pollastro, F., Negri, R., Lopatriello, A., Chianese, G., Minassi, A., Collado, J. A., Munoz, E., Tagliatela-Scafati, O., Appendino, G., *The Oxidation of Phytocannabinoids to Cannabinoquinoids*, *Journal of Natural Products*, 2020, 83(5), pp. 1711–1715
3. **Caprioglio, D.**, Mattoteia, D., Minassi, A., ...Tagliatela-Scafati, O., Appendino, G., *One-Pot Total Synthesis of Cannabinol via Iodine-Mediated Deconstructive Annulation*, *Organic Letters*, 2019, 21(15), pp. 6122–6125
4. **Caprioglio D.**, Fletcher SP, *An alternative synthesis of the breast cancer drug Fulvestrant (Faslodex®): Catalyst control over C-C bond formation*, *Chem. Comm.*, 2015, 51, 14866-14868.
5. **Caprioglio D.**, Chicca A, Minassi A, Petrucci V, Appendino G, Tagliatela- Scafati O, GertschJ., *Functionalization of β -caryophyllene generates novel polypharmacology in the endocannabinoid system*, *ACS Chem Biol.*, 2014, 9(7): 1499-507.

FURTHER INFORMATION

Website: www.nonapcg.it