

CURRICULUM VITAE DR. LISA MARINELLI

Dr. Lisa Marinelli graduated in Pharmacy with honour at the "G. d'Annunzio" University of Chieti-Pescara, in March 2011. At the same University, in April 2015, she obtained the Ph.D. in "Drug Science" with the additional title of *Doctor Europaeus* and, since January 2015, she started her postdoctoral training in the drug delivery of biologically active compounds. She is currently Researcher (RTD-A) on Pharmaceutical Technology, Socioeconomics and Legislation (sector 03/D2) at the Department of Pharmacy, "G. d'Annunzio" University. With regards to the didactics, at the same Department, she obtained teaching positions for the courses of Legislation and Formulation of Cosmetic Products and Pharmaceutical Technology and Legislation (academic year 2020-2021) and for the subject of Industrial Drug Development (academic year 2015-2016). During her PhD and the following periods, she has been involved in seminars and tutoring activities as well as being a member of the examination committee regarding Pharmaceutical Technology.

During her studies, she had the opportunity to be part of scientific collaborations with International Institutes of which Utrecht University and Erzurum University where she was visiting.

She is founding partner and member of the Spin-off "ALGO BIOTECHNOLOGIES s.r.l." having role and responsibilities of CQO: "Oversight and drive the Quality and RA Company Strategy".

The research interest of Lisa Marinelli is focused on the Pharmaceutical Technology including preparation and characterization of drug delivery systems useful for the treatment of neurodegenerative and microbial diseases. Her research activity is well documented by a patent and many papers published in peer-reviewed international scientific journals.

SELECTED PAPERS:

1. Eusepi, P., Marinelli, L., Borrego-Sánchez, A., García-Villén, F., Rayhane, B.K., Cacciatore, I., Viseras, C., Di Stefano, A. Nano-delivery systems based on carvacrol prodrugs and fibrous clays (2020) *Journal of Drug Delivery Science and Technology*, 58, art. no. 101815. DOI: 10.1016/j.jddst.2020.101815.
2. Marinelli, L., Cacciatore, I., Eusepi, P., Di Biase, G., Morroni, G., Cirioni, O., Giacometti, A., Di Stefano, A. Viscoelastic behaviour of hyaluronic acid formulations containing carvacrol prodrugs with antibacterial properties *International Journal of Pharmaceutics*, 582, art. no. 119306. DOI: 10.1016/j.ijpharm.2020.119306.
3. Turkez, H., Cacciatore, I., Arslan, M.E., Fornasari, E., Marinelli, L., Di Stefano, A., Mardinoglu, A. Histidyl-proline diketopiperazine isomers as multipotent anti-alzheimer drug candidates (2020) *Biomolecules*, 10 (5), art. no. 737. DOI: 10.3390/biom10050737.
4. Eusepi, P., Marinelli, L., García-Villén, F., Borrego-Sánchez, A., Cacciatore, I., Di Stefano, A., Viseras, C. Carvacrol prodrugs with antimicrobial activity loaded on clay nanocomposites (2020) *Materials*, 13 (7), art. no. 1793. DOI: 10.3390/MA13071793.
5. Marinelli, L., Fornasari, E., Eusepi, P., Ciulla, M., Genovese, S., Epifano, F., Fiorito, S., Turkez, H., Örtücü, S., Mingoia, M., Simoni, S., Pugnali, A., Di Stefano, A., Cacciatore, I. Carvacrol prodrugs as novel antimicrobial agents (2019) *European Journal of Medicinal Chemistry*, 178, pp. 515-529. DOI: 10.1016/j.ejmech.2019.05.093.
6. Marinelli, L., Fornasari, E., Di Stefano, A., Turkez, H., Genovese, S., Epifano, F., Di Biase, G., Costantini, E., D'Angelo, C., Reale, M., Cacciatore, I. Synthesis and biological evaluation of novel analogues of Gly-L-Pro-L-Glu (GPE) as neuroprotective agents (2019) *Bioorganic and Medicinal Chemistry Letters*, 29 (2), pp. 194-198. DOI: 10.1016/j.bmcl.2018.11.057.
7. Marinelli, L., Cacciatore, I., Fornasari, E., Gasbarri, C., Angelini, G., Marrazzo, A., Pandolfi, A., Mandatori, D., Shi, Y., Van Nostrum, C.F., Hennink, W.E., Di Stefano, A. Preparation and characterization of polymeric micelles loaded with a potential anticancer prodrug (2016) 35, pp. 24-29. DOI: 10.1016/j.jddst.2016.06.006.

- 8.** Cacciatore, I., Ciulla, M., Fornasari, E., Marinelli, L., Di Stefano, A. Solid lipid nanoparticles as a drug delivery system for the treatment of neurodegenerative diseases (2016) 13 (8), pp. 1121-1131. DOI: 10.1080/17425247.2016.1178237.
- 9.** Gasbarri, C., Croce, F., Meschini, I., Bowen, C.H., Marinelli, L., Di Stefano, A., Angelini, G. Single-Walled Carbon Nanotubes in Highly Viscous Media: A Comparison between the Dispersive Agents [BMIM][BF₄], L121, and Triton X-100 (2016) 22 (2), pp. 546-549. DOI: 10.1002/chem.201502695.
- 10.** Laserra, S., Basit, A., Sozio, P., Marinelli, L., Fornasari, E., Cacciatore, I., Ciulla, M., Türkez, H., Geyikoglu, F., Di Stefano, A. Solid lipid nanoparticles loaded with lipoyl-memantine codrug: Preparation and characterization (2015) 485 (1-2), art. no. 14710, pp. 183-191. DOI: 10.1016/j.ijpharm.2015.03.001.
- 11.** Cacciatore, I., Di Giulio, M., Fornasari, E., Di Stefano, A., Cerasa, L.S., Marinelli, L., Turkez, H., Di Campli, E., Di Bartolomeo, S., Robuffo, I., Cellini, L. Carvacrol codrugs: A new approach in the antimicrobial plan (2015) 10 (4), art. no. e0120937. DOI: 10.1371/journal.pone.0120937.
- 12.** Sozio, P., Marinelli, L., Cacciatore, I., Fontana, A., Türkez, H., Giorgioni, G., Ambrosini, D., Barbato, F., Grumetto, L., Pacella, S., Cataldi, A., Di Stefano, A. New flurbiprofen derivatives: Synthesis, membrane affinity and evaluation of in vitro effect on β -amyloid levels (2013) 18 (9), pp. 10747-10767. DOI: 10.3390/molecules180910747.