

iannottadalila@gmail.com
iannottadalila@pec.it



Personal information:

- Born in Gaeta on 31-08-1993. (ITALY)
- Phone +39 389 0356583.
- 2012: High school Diploma chemical-biological studies.
- 19-04-2016: Bachelor's Degree in Biotechnology, University of L'Aquila. Degree Thesis: "*Blood Brain Barrier in vitro model*".
- 21-10-2017: Master's Degree *cum laude* in Molecular and Cellular Biotechnology at the University of L'Aquila, Italy.
- From June 2016 to October 2017: internship in Neurobiology and cellular Biology laboratory.
- From November 2017 to February 2018: Visiting Research Student in at University of Lancaster, UK.
- From January 2019 to present: PhD Student in Cellular and Molecular Biotechnology, University of Teramo, under the supervision of Prof. Luisa Di Marzio luisa.dimarzio@unich.it, Dr. Agata Papa, Prof. Joy Wolfram with project "*Hybrid nanocarrier library-based biomaterials for therapeutic applications*".

Technical skills

Cell culture, nanoparticles (Liposomes, Transferosomes, Niosomes and Lipodisq) and animals.

Experimental Techniques: Nanoparticle realization (Thin layer evaporation, Ethanol Injection, Extrusion, Sonication, Homogenizing) and characterization (Dynamic Light Scattering, HPLC), Immunohistochemistry; Protein extraction from Tissues and Cultured Cells; Gel electrophoresis and Western Blotting; Immunofluorescence; Apoptosis assay; Immunoprecipitation kit, ELISA, 5-bromo-2'-deoxyuridine (BrdU) Cell Proliferation Assay; Boyden Chamber Cell Migration and Invasion Assays; viability assay MTS, DNA Agarose gel, PCR, recombinant proteins purification, Centrifugation and ultracentrifugation Techniques; cryostat procedures, Optical microscope and Microphotography, real-time PCR, RNA extraction, exosome extraction.

Papers

- Barone A., Cristiano M. C., Cilurzo F., Locatelli M., **Iannotta D.**, Di Marzio L., Celia C., Paolino D. *Ammonium glycyrrhizate skin delivery from ultradeformable liposomes: a novel use as an anti-inflammatory agent in nutraceuticals*. **2020**, 193:111152.
- Antonosante A., d'Angelo M., Castelli V., Catanesi M., **Iannotta D.**, Giordano A., Ippoliti R., Benedetti E., Cimini A. *The Involvement of PPARs in the Peculiar Energetic Metabolism of Tumor Cells*. International Journal of Molecular Sciences. **2018**, 19, 1907.

- d'Angelo M., Antonosante A., Castelli V., Catanesi M., Moorthy N. K., **Iannotta D.**, Cimini A., Benedetti E. *PPARs and energy metabolism adaption during neurogenesis and neuronal maturation*. International Journal of Molecular Sciences. **2018**, 19, 1869.
- Castelli V., Palumbo P., d'Angelo M., Moorthy N. K., Antonosante A., Catanesi M., Lombardi F., **Iannotta D.**, Cinque B., Benedetti E., Ippoliti R., Cifone M. G., Cimini A. *Probiotic DSF counteracts chemotherapy induced neuropathic pain*. Oncotarget. **2018**, 9(46): 27998-28008.

Papers in press

- Cristian Vergallo C., Hafeez M. H., **Iannotta D.**, Santos H- A., D'Avanzo N., Dini L., Cilurzo F., Fresta M., Di Marzio L., Christian C. *Conventional nanosized drug delivery systems for cancer applications*. Springer International Publisher. **2020**.

Awards at Seminary / Congress

- BEST POSTER AWARDS - “*HYBRID NANOCARRIER LIBRARY BASED BIOMATERIALS FOR THERAPEUTIC APPLICATIONS*”
1st International Northern-Southern Europe workshop in Nanomedicine, Chieti, 15-17/01/2020
- BEST POSTER AWARDS in TRASLATIONAL MEDICINE - “*DISCOID NANOPARTICLES: PH-DEPENDENT SIZE RESPONSE*”
D. Iannotta, C. Celia, J. Wolfram, A. Papa, L. Di Marzio
Cellular and Molecular PhD Day, Chieti, 21/02/2020