

CURRICULUM VITAE

GIUSI CALDIERI

PERSONAL INFORMATION

Last name: **Caldieri**
First name: **Giusi**
Sex: female
Date of Birth: 28 April 1980
Place of Birth: Como, Italy

EDUCATION

- 2011 Master in Pharmaceutical Marketing & Management, Alma Laboris, Milan (score 9/10).
- 2009 Doctor of Philosophy (PhD) Life Science, Open University of London, Consorzio Mario Negri Sud (Chieti, Italy).
- 2004 Qualification to practice as a pharmacist
- 2004 Master's degree in Pharmaceutical Chemistry, University of Messina, Faculty of Pharmacy (Score 110/110 *summa cum laude*).
- 1999 High school specializing in science education, Liceo Scientifico Archimede, Messina (score 100/100).

EXPERIENCE

- 2020-Present Scientific Officer at the Regional Foundation for Biomedical Research, Milan.
- 2018-2019 Senior Scientist at the Department of Oncology and Haemato-Oncology, University of Milan, and at the European Institute of Oncology, Milan.
- 2010-2018 Scientist at the FIRC Institute of Molecular Oncology (IFOM), Milan
- 2009-2010 Researcher in clinical trial development, Department of Clinic Pharmacology and Epidemiology, Mario Negri Sud, Chieti.
- 2005-2009 PhD student, in the Tumor Cell Invasion Laboratory, Consorzio Mario Negri Sud, Chieti

EXPERIENCE ABROAD

- April-May 2009 Research experience in the laboratory directed by the Dr. Peter Friedl, Radboud University, Nijmegen Medical Center (Netherlands). Supported by a Travel Fellowship awarded by EACR (European Association for Cancer Research).

AWARDS

- 2017 Cariplo grant for biomedical research conducted by young researchers
- 2010 National Marie Curie Fellowship
- 2009 EACR Travel Fellowship; SIB Travel Fellowship
- 2007 Calogero Musarra Fellowship
- 2006 One-year AIRC Fellowship

LANGUAGE AND INFORMATIC SKILLS

Italian: mother-tongue
English: good knowledge of written and spoken language
Good knowledge of Office packet and ImageJ
Very good knowledge of Power Point

SKILLS

Strong background in cell biology. Experience in project and experiment design, clinical trials and scientific writing. Strong interpersonal relationship and communication skills. Ability to work alone and on a team. Time-management, problem solving and mentoring ability.

COURSES

Team Leading and Group Organization.
Ethical issues in science.
Translational Research and Clinical Trials.
Grants scouting, writing and management.
Patenting, Technology Transfer and Licensing.
Course in Clinical Monitoring.
Statistics for Clinical Research.

PUBLICATIONS

1. Pascolutti R, Algisi V, Conte A, Raimondi A, Pasham M, Upadhyayula S, Gaudin R, Maritzen T, Barbieri E, **Caldieri G**, et al. (2019) Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. *Cell Rep*.
2. Milesi C, Alberici P, Pozzi B, Oldani A, Beznoussenko GV, Raimondi A, Soppo BE, Amodio S, Caldieri G, et al. (2019) Redundant and nonredundant organismal functions of EPS15 and EPS15L1. *Life Sci Alliance*.
3. **Caldieri G**, et al. (2017) EGFR trafficking in physiology and cancer. Accepted for publication.
4. Zobel M, Disanza A, Senic-Matuglia F, Franco M, Colaluca IN, Confalonieri S, Bisi S, Barbieri E, **Caldieri G**, et al. (2018). A NUMB-EFA6B-ARF6 recycling route controls apically restricted cell protrusions and mesenchymal motility. *J Cell Biol*.
5. **Caldieri G.**, et al. (2017) Reticulon 3-dependent ER-PM contact sites control EGFR nonclathrin endocytosis. *Science*.
6. **Caldieri G.**, Sigismund S. (2016) Spatial resolution of cAMP signaling by soluble adenylyl cyclase. *J Cell Biol*.
7. **Caldieri G.**, et al. (2012). Polarised apical-like intracellular sorting and trafficking regulates invadopodia formation and degradation of the extracellular matrix in cancer cells. *Eur J Cell Biol*.
8. Attanasio F., **Caldieri G.**, et al. (2011). Novel invadopodia components revealed by differential proteomic analysis. *Eur J Cell Biol*. **90**, 115-27.
9. **Caldieri G.**, Buccione R. (2010). Aiming for invadopodia: organizing polarized delivery at sites of invasion. *Trends Cell Biol*.
10. **Caldieri G.**, et al. (2009). Cell and molecular biology of invadopodia. *International review of cell and molecular biology*.
11. Ayala I., Giacchetti G., **Caldieri G.**, et al (2009). Faciogenital dysplasia protein Fgd1 regulates invadopodia biogenesis and extracellular matrix degradation and is upregulated in prostate and breast cancer. *Cancer Res*.
12. Ayala I., **Caldieri G.** and Buccione R. (2009). Ayala I., **Caldieri G.** and Buccione R. (2008). Invadopodia: specialized tumor cell structures for the focal degradation of the extracellular matrix. *Cancer Metast Rev*.
13. **Caldieri G.**, et al. (2009). Invadopodia biogenesis and extracellular matrix degradation are regulated by caveolin-mediated modulation of plasma membrane cholesterol levels. *J Cell Mol Med*.
14. Ayala I., Baldassarre M., Giacchetti G., **Caldieri G.**, Tetè, S., Luini A., Buccione R. (2008). Multiple regulatory inputs converge on cortactin to control invadopodia biogenesis and extracellular matrix degradation. *J Cell Sci*.
15. Ayala I., Baldassarre M., **Caldieri G.** and Buccione R. (2006). Invadopodia: a guided tour. *Eur J Cell Biol*.

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