

Curriculum Vitae

Name: Erika Peverelli

Date and place of birth: 01/04/1978, Saronno (VA), Italy

Citizenship: Italian

Work address: University of Milan, Dept. Clinical Sciences and Community Health, IRCCS Cà Granda Ospedale Maggiore Policlinico, Via Pace 9, 20122, Milano, Italy

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Education: 2007 PhD in Endocrinologic and Metabolic Sciences, University of Milan.

2003 University Degree in Pharmaceutical biotechnologies, University of Milan (summa cum laude).

Current position:

Researcher (University of Milan, Milan, Italy)

Research Experience:

2017-nowadays: Researcher (University of Milan) Role of cytoskeleton in the regulation of somatostatin receptors and pituitary tumors invasiveness and responsiveness to pharmacological treatment.

2013- 2017: Post-doctoral fellowship (Fondazione IRCCS Ospedale Maggiore Policlinico, Milan)

2008 –2013: Post-doctoral fellowship (University of Milan)

2004-2007: Fellowship (University of Milan).

2003-2004: Fellowship at Institute of Pharmacological Research “Mario Negri”, Milan.

2001-2003: Undergraduate working at Degree in Pharmaceutical biotechnologies, Biology of Neurodegenerative Diseases, Institute of Pharmacological research “Mario Negri”, Milan

Technical skills, academic activity and competences:

Cell cultures; biochemical assays for protein detection, cell proliferation-apoptosis assays, molecular biology; cell transfection and silencing; BRET technique; confocal microscopy.

Experience in lab coaching and teaching of undergraduate students, graduate students, PhD students and fellows, as well as in the management of small research groups.

Honors (selection):

-Poster Prize “Cofilin is a cAMP effector in mediating actin cytoskeleton reorganization. and steroidogenesis in mouse and human adrenocortical tumor cells”, 16th Ensaf (European Network for the study of adrenal tumors) meeting, Paris, Nov.16-17, 2017

-Society for Endocrinology’s Journal Awards: Best paper published in Endocrine Connections in 2013 (Peverelli E et al., 2013 28;2(4):196-207)

Review Editor in Systems and Translational Endocrinology, part of the journal Frontiers in Endocrinology

Participation as invited speaker in 10 national and international meetings. Several abstracts presented at national and international conferences, as oral communications or posters.

Grants:

- Pfizer 2016 ASPIRE Global Endo grant. 45.000 € (role: Principal Investigator).

Publications (selection):

- Peverelli E, et al.. A novel pathway activated by somatostatin receptor type 2 (SST2): inhibition of pituitary tumor cell migration and invasion through cytoskeleton protein recruitment. Int J Cancer. 2018;142(9):1842-1852.

- Peverelli E, et al. Cofilin is a cAMP effector in mediating actin cytoskeleton reorganization and steroidogenesis in mouse and human adrenocortical tumor cells. Cancer Lett. 2017;406:54-63.

- Peverelli E, et al. Dopamine receptor type 2 (DRD2) and somatostatin receptor type 2 (SSTR2) agonists are effective in inhibiting proliferation of progenitor/stem-like cells isolated from non functioning pituitary tumors. Int J Cancer. 2017;140(8):1870-1880.

- Peverelli E, et al. Dopamine receptor type 2 (DRD2) inhibits migration and invasion of human tumorous pituitary cells through ROCK-mediated cofilin inactivation Cancer Lett 2016;381(2):279-86.

Scientific production:

Total IF: 182.79, **Mean IF:** 4.6 (total 40 papers) **H-index:** 15 (ISI Web of Science); 16 (Scopus)

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