

PERSONAL INFORMATION

Riccarda Granata



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Table with 3 columns: Enterprise, University, and EPR. It contains checkboxes for various professional levels such as Management Level, Associate Professor, and Researcher/Technologist levels.

WORK EXPERIENCE

Replace with dates (from - to)

2018 - Current: Associate Professor in Endocrinology
2014-2023 and 2022-2032: National Qualification as Full Professor
2000 - Current: Head of the Laboratory of Molecular and Cellular Endocrinology

EDUCATION AND TRAINING

From 2004 to 2007: PhD degree in Medical Physiopathology, University of Turin
2001-2004: Specialization in Clinical Pathology, University of Turin
1985-1991: Master 's Degree in Biological Sciences, University of Turin

WORK ACTIVITIES

- Awards** 2015: Best Italian Basic Endocrinology Scientist (Research Foundation of the Italian Society of Endocrinology, FoRiSIE).
- Editorial activity** 2015 - Current: *Frontiers in Endocrinology - Neuroendocrine Science* (Associate Editor).
 2015 - Current: *Frontiers in Endocrinology and Oncology-Cancer Endocrinology* (Review Editor).
 2020-Current: *Endocrines* (Editorial Board Member).
 2014-Current: *Frontiers in Systems and Translational Endocrinology* (Review Editor);
 2017-2020: *Journal of Endocrinology* and *Journal of Molecular Endocrinology* (Associate Editor for Europe/European Society of Endocrinology).
 2015-2020: *Int. J. Endocrinology* (Editorial Board Member).
 2013-2017: *Molecular Metabolism* (Consultant Editor).
 2011-2017: *Endocrine* (Associate Editor).
 2010-2018: *Exp. Biol. Med. and World J. Diabetes* (Editorial Board Member).
 2006-2011: *J. Endocrinol. Invest.* (Review Editor).
- Editor Research Topics:**
 2023-24: "GHRH: the first 50 years." Reviews in *Endocrine and Metabolic Disorders (REMD)*. Guest Editor with Prof. Andrew V. Schally (Miami).
 2020: "Pathophysiological Interrelationship between Obesity, Metabolic Diseases and Cancer - *Frontiers in Endocrinology*" (with Manuel D Gahete and Raul Miguel Luque Huertas).
 2019 "Neuroendocrine Control of Feeding Behavior" (with Hubert Vaudry and Serge H. Luquet), *Frontiers in Endocrinology – Section Neuroendocrine Science*.
- Books:**
 2013: *Frontiers Hormone Research: "Cardiovascular Topics in Endocrinology"*.
 2012: *Endocrine Development: "The Ghrelin System"*.
- Invited presentations** 2023: XV Incontro Piemontese in Endocrinologia, Diabetologia e Metabolismo (Pallanza, October 2023). Invited Lecture: "GHRH e suoi analoghi: molto più di un semplice neormone ipofisiotropo."
 2023: National Congress of the Italian Society of Endocrinology (Rome June 2023). Invited Lecture: "GHRH receptor as a therapeutic target."
 2023: 25th ECE (European Congress of Endocrinology), Istanbul, Turkey (May 2023). "GHRH antagonists in cancer therapy."
 2023: ASAMSI Onlus (Association for the Study of Infantile Spinal Muscular Atrophy). "Gli analoghi del GHRH (growth hormone-releasing hormone): nuovi potenziali farmaci per il trattamento della SMA?" (May 2023, Bologna).
 2022: 29th National Congress of the Italian Society of Diabetology; Rimini (Italy). "Extracellular vesicles in diabetes: novel therapeutic opportunities?"
 2020: E-session European School of Oncology: "Molecular Research on Malignant Pleural Mesothelioma" (4 December 2020).
 2019: 60th Meeting of the Spanish Society of Endocrinology and Nutrition (SEEN) (Bilbao, Spain).
 2018: 20th ECE (European Congress of Endocrinology), Barcelona Spain.
 2016: European Society of Endocrinology and CIBEROBN (Spanish Network for Research of Excellence in Obesity) "New Frontiers in Obesity Research", Cordoba, Spain.
 2015: Endo Bridge, Antalya, Turkey (Joint Meeting of the European and American Societies of Endocrinology).

2014: 16th European Congress of Endocrinology, Wroclaw, Poland; Conference on Bioactive Peptides for Cell-Cell Communication, Kyoto, Japan.

2011: International Symposium on IGF-1, GH and Ghrelin/GHS, Orlando, USA and 53rd Annual Congress of the Spanish Society of Endocrinology and Nutrition, Santiago de Compostela, Spain.

2010: European Congress of Endocrinology, Prague (Czech Republic), Hot Topics in Metabolism and Cardiovascular Risk, Turin, Italy and 14th International Congress of Endocrinology, Kyoto, Japan.

2009: Annual Meeting of the American Endocrine Society, Washington DC, USA.

2008: European Congress of Endocrinology, Berlin, Germany and 13th Meeting of the European Neuroendocrine Association, Antalya, Turkey.

2018-2022 Chair of the Congress Committee of the European Society of Endocrinology (ESE). Chair of eECE 2020, eECE 2021 and ECE 2022 Milan

- Grants**
- 2023: Beneficentia Stiftung: "Effetti neuroprotettivi dell'ormone growth hormone-releasing hormone (GHRH) e del suo analogo, MR-409, in modelli sperimentali della malattia di Alzheimer."
 - 2023: Italian Ministry of Health Grant (PRIN 2022) #20223WSTY4. "New metabolic players in browning of adipocytes, thermogenic functions and inflammation." (Principal Investigator).
 - 2020 - 2023: Buzzi Foundation: "Antitumor effects of GHRH antagonists in association with chemotherapy agents, in malignant pleural mesothelioma."
 - 2020: Italian Ministry of Health Grant (PRIN 2020) #2020FYCCE3 (Head Unit).
 - 2018: Beneficentia Stiftung: "Effect of growth hormone-releasing hormone antagonists (GHRH) on sensitization to radiotherapy in lung cancer cells".
 - 2017: Italian Ministry of Health Grant (PRIN 2017) #2017HRTZYA (Head Unit).
 - 2011: University of Turin - Compagnia di San Paolo, Bando per il Finanziamento di Progetti di Ricerca di Ateneo – 2011 (Co-presenter).
 - 2008 e 2011, 2015 and 2016: PRIN (MiUR), Unit Member.

- Patents**
- US Patent: Ezio Ghigo, Aart Jan Van Der Lely, Riccarda Granata (2010). "Unacylated ghrelin as therapeutic agent in the treatment of metabolic disorders. AA61K3802FI USPC Class: 514 2, Alizé Pharma SAS.

- Fields of study**
- Role of peptides and hormones [GHRH and GHRH analogs (agonists and antagonists), ghrelin peptides, RFamides, glucocorticoids and mineralocorticoids, somatostatin] in endocrine pancreas, white and brown adipose tissue metabolism, skeletal muscle atrophy, cardiovascular system, hippocampal progenitors, and endometrial cells. Role of extracellular vesicles in the cross talk between metabolic organs. Protective effects of GHRH agonists on *in vivo* models of spinal muscular atrophy (SMA). Role of GHRH and GHRH agonists (MR-409) on *in vitro* and *in vivo* models of neurogenesis and Alzheimer's Disease. Effect of GHRH antagonists in experimental models of cancer, including malignant pleural mesothelioma (MPM), lung cancer and pituitary neuroendocrine tumors; *in vitro* antiinflammatory effects against SARS-CoV-2 induced inflammation in macrophages and PBMCs. Expertise on *in vitro* and *ex vivo* models of cardiomyopathies and skeletal muscle atrophy; *in vitro* models of neurogenesis and neurodegeneration, pancreatic beta-cell function, survival, and regeneration; adipocyte metabolism, browning and thermogenesis.

ADDITIONAL INFORMATION

Publications

Publications

Total publications (2000-2023): **99** (excluding editorials and book prefaces).
H-Index: **35** (Scopus). Citations: **5523** (Scopus).