

Academic Career

- **2022 – present:** Full Professor of Histology and Human Embryology (GSD 05-BIOS/13), University of Cagliari
- **2001 – 2022:** Associate Professor of Histology, University of Cagliari
- **2001:** Researcher in Histology, University of Cagliari
- **1999 – 2001:** Technical Collaborator, University of Cagliari

Education and Training

- **1993:** PhD in Morphological Sciences, University of Cagliari
- **1991–1992:** PhD Visiting Student at the Biochemistry Laboratory, Department of Pediatrics, University of Chicago, USA
- **1986–87:** Master in Molecular Pathology, La Sapienza University of Rome
- **1985:** Degree in Biological Sciences, University of Cagliari
- **1980:** Classical High School Diploma

Institutional Roles

- **2025 – present:** Member of the University of Cagliari's Quality Assurance Presidium
- **2024 – present:** Quality Assurance Referent for the Degree Program in Medicine and Surgery
- **2019 – present:** Deputy Coordinator of the PhD Program in Molecular and Translational Medicine, University of Cagliari
- **2021 – 2024:** Quality Assurance Referent for the Degree Programs in Technical Health Professions, University of Cagliari
- **2008 – 2016:** Coordinator of the PhD Program in Morphological and Functional Sciences, University of Cagliari

Teaching Activities

- **2001 – present:** Lecturer in Histology and Embryology for the Medicine and Surgery program
- **2001 – present:** Lecturer in Histology for undergraduate programs in health professions
- **2001 – present:** Lecturer in Histology for Medical Specialization Schools

Participation in Research Projects Funded by Competitive Calls

- **2023 - 2025:** Member of the research unit in the project "*Exploiting Cynara spp. by-products as a source of molecules with inhibitory activity on skin-related enzymes*", funded by MIUR, PRIN 2022 PNRR
- **2022 - 2024:** Member of the research unit in the project "*TEAM - Role of TDP-43 self-assembly in health and disease: molecular characteristics, cellular aspects, and animal models*", funded by MIUR PRIN 2020
- **2021 - 2022:** Member of the research unit in the project "*Targeting the neurovascular unit to prevent dissemination and progression of Parkinson's disease*", funded by MJFF (Target Advancement Program)
- **2019 - 2022:** Participant in the project "*Characterization of the specific properties of conjugated linoleic acid (CLA) in phospholipid form for the treatment of neuroinflammatory-based psychiatric disorders and identification of biomarkers of therapeutic efficacy*", funded by MIUR Proof of Concepts
- **2018 - 2020:** Participant in the project "*Innovative pharmacological therapies and nutraceutical approaches for neuroinflammation in psychiatric and neurodegenerative diseases*", funded by the Autonomous Region of Sardinia, Basic Research, 2017

- **2016 - 2018:** Participant in the project "*Multidisciplinary approach to mental illness: do inflammation and telomere length form a loop?*", funded by the Sardinia Foundation and the Autonomous Region of Sardinia, 2016
- **2012 - 2015:** Principal Investigator of a research unit in the project "*Amyotrophic Lateral Sclerosis: focus on cellular alterations and new biomarkers*", funded by the Autonomous Region of Sardinia, Basic Research
- **2004 - 2006:** Principal Investigator of the project "*Study on the differentiation of human bone marrow stem cells into neural lineage cells: Therapeutic applications in neurodegenerative diseases*" funded by the Autonomous Region of Sardinia
- **2002 - 2004:** Principal Investigator of a research unit in the project "*Identification of genes involved in the cell cycle exit of bone marrow stem cells and their neural differentiation*" funded by MIUR (FIRB program)
- **2001:** Principal Investigator of the research project "*Derivation of neural cells from human bone marrow cells*" funded by MIUR (FISR program)

Research Topics

- Mechanisms of neuroinflammation, neurodegeneration, and neuroprotection
- Characterization and differentiation of adult human stem cells from normal and tumor tissues
- In vitro study of the biological activity of plant-derived extracts

Updated on 14/02/2025

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