

CURRICULUM VITAE – PAOLA CASTROGIOVANNI

ROLE

- Associate Professor – Scientific Sector: SSD BIO/17- Histology. University of Catania, Catania (Italy).

WORK ADDRESS

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EDUCATION AND TRAINING

- **2017**
National Scientific Qualification – Histology SSD BIO/17.
- **2000-2004**
PhD - Research doctorate in Sperimental Medical Embriology, Pathology and Hematology. University of Catania, Catania (Italy).
- **1989**
Qualification for the profession of biologist. University of Catania, Catania (Italy).
- **1988**
Biology Degree (110/110). University of Catania, Catania (Italy).

WORK EXPERIENCE

- **2020-today**
Associate Professor - Scientific Sector (SSD) BIO/17. University of Catania, Catania (Italy).
- **2004-2020**
Researcher - Scientific Sector (SSD) BIO/17. University of Catania, Catania (Italy).
- **1991-2004**
Technical collaborator, Unit of Histology and General Embryology. Faculty of Medicine. University of Catania, Catania (Italy).

TEACHING ASSIGNMENT

- **2004-today**
 - Histology and Embryology in the Medicine and Surgery Degree Course. University of Catania, Catania (Italy).
 - Histology in the Degree Courses in Motory Sciences, Physiotherapy, Logopedics, Orthoptics and Ophthalmologic Assistance, Psychiatric Rehabilitation Technique, Dietetics, Audioprothetic Techniques, Biomedical Laboratory Techniques, Techniques of Neurophysiopathology, Techniques of Medical Radiology for Imaging and Radiotherapy, Nursing, Nursing and Obstetric Sciences; in the Master's Degree Course in Medical Biotechnology; in the School of Specialization in Orthopedics and

Traumatology; in a professional training course in Structural Osteopathy. University of Catania, Catania (Italy).

- Techniques of Optical and Electronic Microscopy in the School of Specialization in Clinical Pathology. University of Catania, Catania (Italy).
- Human Embryology in the II level Master "Reproductive Biology and Biotechnology". University of Catania, Catania (Italy).

INSTITUTIONAL ASSIGNMENTS

- **2014**
Training and tutoring activities in the project PON 2007-2013 cod. 01_00110 "Nanotechnological innovative platforms for the delivery of drugs in ophthalmology". University of Catania, Catania (Italy).
- **2006-2008**
Member of teaching staff of the PhD in "Technological, immunological and immunogenetical experimentation: its application in xenotransplantations and in organ removals for human transplantation". University of Catania, Catania (Italy).
- **2006-2007**
Member of board of examiners for entrance examination in Clinical Pathology Specialization. University of Catania, Catania (Italy).
- **2006**
Member of board of examiners for entrance examination in Phd of "Technological, immunological and immunogenetical experimentation: its application in xenotransplantations and in organ removals for human transplantation" (XXII cycle). University of Catania, Catania (Italy).

EDITORIAL ASSIGNMENTS

- **2019**
Curatorship of Chapter 10 (Respiratory System) of the Italian edition of the volume "Moore - The developing human and. 11 ". Publisher: EDRA S.p.A.
- **2018**
Co-author in the drafting of the book "Elementi di Istologia e cenni di Embriologia". Publisher: PICCIN NUOVA LIBRARIA S.p.A.
- **2016**
Curatorship of Chapter 13 (Cardiovascular System) of the Italian edition of the volume "Moore - The developing human and. 10 ". Publisher: EDRA S.p.A.
- **2016**
Co-author in the drafting of the chapter "I section: "Notes on embryology, differentiation and function of urogenital tract" per il volume "Gynecologic and Urologic Pathology: Similarities, Difference and Challenges". Editors Prof.ssa Maria Rosaria Raspollini e Prof. Antonio Lopez-Beltran. Cambridge University Press.
- **2016**
Guest editor in Special Issue "Role of Exercises in Musculoskeletal Disorders". Journal of Functional Morphology and Kinesiology – ISSN: 2411-5142.

- **2015**
Co-author in the drafting of the 7th edition of the book “Testo atlante di istologia con fondamenti di citologia – FONDATA DA V. MONESI”. Publisher: PICCIN NUOVA LIBRARIA S.p.A.
- **2014**
Member of the editorial board. Journal of Histology and Histopatology – ISSN: 2055-091X.
- **2013-today**
Reviewer for international scientific journals:
 - Anatomia, Histologia, Embryologia - ISSN: 1439-0264
 - European Journal of Applied Physiology - ISSN: 1439-6327
 - Journal of Histology and Histopatology – ISSN: 2055-091X
 - Journal of Functional Morphology and Kinesiology – ISSN: 2411-5142
 - Heliyon – ISSN: 2405-8440
 - Osteoarthritis and Cartilage – ISSN: 1063-4584
 - BMC Musculoskeletal Disorders - ISSN: 1471-2474
 - BMC Sports Science, Medicine and Rehabilitation - ISSN: 2052-1847
 - Nutrients – ISSN: 2072-6643

RESEARCH PROJECTS AND FUNDED INITIATIVES

- **2022-2023**
Project “LiverSmartDrug”. Project code 087219090463 - CUP G68I18000640007. University of Catania, Catania (Italy).
- **2017**
FFABR- Funding of basic research activities. University of Catania, Catania (Italy).
- **2015-2016**
Project code PON01_02464. Nuovi farmaci biotecnologici attivi attraverso la modulazione dell’attività recettoriale (role: Scientific collaborator). University of Catania, Catania (Italy).
- **2014**
University Research Project (FIR) 2014-2016. Cartilage regeneration through mesenchymal stem cells growing in a 3D hydrogel collagen scaffold. A new approach to cartilage disorders by tissue engineering, diet, physical activity and recombinant lubricin (role: Scientific collaborator). University of Catania, Catania (Italy).
- **2012-2016**
PON 2007-2013, project code PON02_00355_2964193. Hippocrates (role: Scientific collaborator). University of Catania, Catania (Italy).
- **2011-2016**
PON 2007-2013, project code 01_00110. Nanotechnological innovative platforms for the delivery of drugs in ophthalmology (role: Scientific collaborator). University of Catania, Catania (Italy).
- **2009**
International interdepartmental project. Role of nitric oxide donors in the prevention of damage from ischemia/reperfusion renal failure (role: Scientific collaborator). University of

Catania (collaboration with the University of Sao Paulo do Brasil and Koma Institute for Biological Research "Sinisa Stankovic" Belgrade, Serbia).

MEMBERSHIPS

- **2004-today**
Member of the Italian Society of Anatomy and Histology (SIAI).
- **2004-today**
Member of the Academic Board of Histology and Embryology.