

## Prof. Michela Isola

2024: Associate Professor (GSD 05/BIOS-12 – SSD BIOS-12/A – Human Anatomy). Department of Biomedical Sciences, University of Cagliari.

2023: National Scientific Qualification for the role of Full Professor, sector 05 / H1-Human Anatomy (SSD BIO / 16) (valid from 31/01/2023 to 30/01/2033).

2021-2024: Researcher tenure-track (Law 240/10, type "B") (RTDb) for the competitive sector 05 / H1-Human Anatomy, SSD BIO / 16, at the Department of Biomedical Sciences, Section of Cytomorphology, University of Cagliari.

2017: National Scientific Qualification for the role of Associate Professor, sector 05 / H1-Human Anatomy (SSD BIO / 16) (valid from 7/04/2017 to 07/04/2027).

2012-2015: Fixed-term researcher (Law 240/10, type "a") (RTDa) for the competitive sector 05 / H1- Human Anatomy, SSD BIO / 16, at the Department of Biomedical Sciences, Section of Cytomorphology, University of Cagliari.

2006- 2010: Ministerial research grant pursuant to art. 51, paragraph 6, L. 27.12.1997, as part of the project entitled "The intercellular junctions in the exocrine epithelia of man. Three-dimensional study with a high-resolution electron microscope, at the Department of Cytomorphology, University of Cagliari.

2001-2003: PhD in Morphological Sciences, at the University of Cagliari, Faculty of Medicine and Surgery, Department of Cytomorphology. Thesis entitled: "Ultrastructural localization of the Epidermal Growth Factor and its receptor in the human salivary glands".

2000: Postgraduate Course: "Study of the structure-activity relationships of molecules of chemical-biological interest" at the Department of Experimental Pathology, University of Cagliari.

1999: Degree in Biological Sciences, at the University of Cagliari. Faculty of Sciences MM.FF.NN. Thesis entitled: "Effect of antidepressant drugs on the serotonergic system of Roman Low-Avoidance and Roman High-Avoidance rats".

### RESEARCH ACTIVITIES AT QUALIFIED ITALIAN AND FOREIGN INSTITUTES

September 2020-June 2021: Holder of a self-employment contract within the Project: " Investigation of the structure and composition of different natural waxy substances using transmission and scanning electron microscopes and chemical analysis using an EDX probe ". Department of Biomedical Sciences, University of Cagliari.

July 2019-February 2020: Holder of a self-employment contract within the Project: "The Anatomical Waxes of Clemente Susini: new investigations on their composition aimed at recovery and restoration". Department of Biomedical Sciences, University of Cagliari.

June-September 2017: Post-doc fellowship holder for the study, with immunohistochemical techniques in electron microscopy, of melatonin and its receptors (Mt1 and Mt2) in human salivary glands, at the Institute of Neuroscience and Physiology, The Sahlgrenska Academy, University of Gothenburg, Sweden.

August-September 2016: Post-doc fellowship holder for the conduct of the research entitled "Submicroscopic investigation on the damage induced by diabetes on the cardiovascular system", at the Department of Biomedical Sciences, University of Cagliari.

June-July 2011: Holder of the private law contract for research support entitled "Statistical processing of the immunoreactivity of salivary peptides in normal and pathological human salivary glands, on transmission electron microscopy images" at the Department of Cytomorphology, University of Studies of Cagliari.

September 2006-December 2010: Ministerial research grant pursuant to art. 51, paragraph 6, L. 27.12.1997, as part of the project entitled "The intercellular junctions in the exocrine epithelia of man. Three-dimensional study with a high-resolution electron microscope", at the Department of Cytomorphology, University of Cagliari.

March 2004 - February 2006: Holder of a private law contract for carrying out research support activities entitled "Integrated cytomorphological and biochemical investigation on saliva and salivary glands of man stimulated in vitro" at the Department of Cytomorphology, University of Studies of Cagliari.

January 2001-December 2003: Participation in research activities at the Department of Cytomorphology during the PhD in Morphological Sciences, with a thesis entitled: "Ultrastructural localization of the Epidermal Growth Factor and its receptor in the human salivary glands".

January-December 2000: Participation in research activities at the Department of Experimental Pathology, University of Cagliari, in conjunction with the Postgraduate Course: "Study of the structure-activity relationships of molecules of chemical-biological interest".

November 1998-November 1999: Participation in research activities at the Department of Toxicology, University of Cagliari, for the preparation of the thesis entitled: Effect of antidepressant drugs on the serotonergic system of Roman Low-Avoidance and Roman High-Avoidance rats".

#### POST-GRADUATE TRAINING ACTIVITIES AT QUALIFIED ITALIAN FOREIGN INSTITUTES

2015: Visiting Scientist at the Institute of Neuroscience and Physiology, The Sahlgrenska Academy, University of Gothenburg, July 2015. Gothenburg, Sweden.

2013: Theoretical-practical course "Cryo-techniques for electron microscopes". Italian Institute of Technology. 3-5 June 2013. Genoa.

2005: Theoretical-practical course "Microscopies applied to cell cultures", organized by the Italian Society of Microscopic Sciences-Onlus-AICC. 20-23 September 2005. Modena.

2000: Postgraduate Course: "Study of the structure-activity relationships of molecules of chemical-biological interest" at the Department of Experimental Pathology, University of Cagliari.

#### RESEARCH GRANTS AND SCHOLARSHIPS

2022: Principal Investigator of a research project funded by PRIN PNRR 2022 (Prot. P20227NFZZ).

2017: Fellowship winner, awarded through a competition based on qualifications, for carrying out the research entitled "Immunohistochemical investigation of melatonin and its receptors (Mt1 and Mt2) in human salivary glands", at the Institute of Neuroscience and Physiology, The Sahlgrenska Academy, University of Gothenburg, Sweden.

2008: Project team member of a study funded by PRIN 2008.

2001: Winner of the "Young Researchers Project" funded by the University of Cagliari, awarded through a competition based on qualifications, for carrying out the research entitled "Intracellular distribution of the EGF receptor in the human salivary glands".

2000: Winner of a Ministerial scholarship, awarded through a competition based on qualifications and interview, for the frequency of the PhD in Morphological Sciences at the Department of Cytomorphology, University of Cagliari.

1999: Winner of a Ministerial scholarship, awarded through a competition based on qualifications and interview, for the attendance of the Postgraduate Course "Study of the structure-activity relationships of molecules of chemical-biological interest" at the Department of Experimental Biology, University of Studies of Cagliari.

#### EVENT ORGANIZATION

2019: "Exhibition of rare and ancient anatomical texts that formerly belonged to Giuseppe Sterzi, anatomist of Cagliari from 1910 to 1919, and his family" Congress, Cagliari.

2014: "THE ANATOMICAL WAXES OF THE PLUS" Congress, Cagliari.