

SCIENTIFIC CURRICULUM - Loy Francesco

Academic qualifications

2021 - 2030 National scientific qualification for the II Band, call DD2175/2018, Sector 05/H1 Human Anatomy.

2023-today Associate Professor (SSD: BIOS-12/A) of Human Anatomy at the Faculty of Medicine and Surgery of the University of Cagliari.

2006 - 2023 Researcher (SSD: 05/H1) at the Faculty of Medicine and Surgery of the University of Cagliari.

2016 - 2023 Scientific Director of the Museum "Raccolta delle Cere Anatomiche di Clemente Susini" at the Cittadella dei Musei, piazza Arsenale 1, Cagliari.

2003 - 2005 Research Grant at the Department of Cytomorphology of the University of Cagliari.

1999 - 2003 PhD in Morphological and Functional Sciences at the Department of Cytomorphology of the University of Cagliari.

1997 - 1999 Research Contract with the Department of Cytomorphology, University of Cagliari.

1997 - today Works at the Electronic Microscopy Laboratory of the Department of Biomedical Sciences at the University of Cagliari.

1994 Degree in Natural Sciences at the University of Cagliari; grade 110/110 cum laude.

Teaching Activity

2006-today Member of the Human Anatomy professors (SSD BIOS-12/A): lessons, exams, teaching for several Degree Courses of the Faculty of Medicine and Surgery, University of Cagliari. Actually, carry out Human Anatomy in the Degree Courses of the Faculty of Medicine and Surgery and in the Specialization Schools of the University of Cagliari.

Research topics

Expert in electron microscopy studies, the main line of research includes the morpho-functional analysis of the major and minor salivary glands, both in human and in animals, their innervation, the study of the intra- and extracellular mechanisms of saliva production and secretion, the effect of secretagogue drugs and hormones. Numerous scientific publications are indexed in important international scientific journals. Further lines of research are: olfactory and gustatory functionality in healthy subjects and in patients

affected by neurodegenerative diseases; morphological-functional studies on the chemosensory activity in animal models such as insects, crustaceans and annelids; electron microscopy analysis of biological and inorganic samples.

Funding

2007-2024 Annual grant Calls 60%, CAR, PRID, FIR of the University of Cagliari.

2020-2022 Member of the project granted by the Fondazione di Sardegna, 2020.

2019 - 2022 Member of the project granted by the Autonomous Region of Sardinia 2017.

2019-2022 Member of the project granted by the Fondazione di Sardegna. 2018.

2017 Funding of basic research activities FFABR. ANVUR n. 20/2017.

2011-2013 Project Manager, Fondazione Banco di Sardegna, 2011.

2010-2012 Member of the project granted by PRIN 2008.

2009-2010 Project Manager granted by the “Fund for the support of basic research and for the start-up of young researchers”, 2007.

2007-2009 Member of the project granted by PRIN 2006.

Affiliation to academies

2005-2025 Member of the Italian Society of Anatomy and Histology (SIAI)

2016-2025 Member of the National Association of Scientific Museums (ANMS)

Congresses and scientific publications

Participated as an invited speaker or participant with oral communications and/or posters in about one hundred local, national and international conferences.

Author of more than 60 scientific publications in scientific international journals.