UNIVERSITÀ DEGLI STUDI DI TRIESTE

Dipartimento di
Scienze della Vita

Curriculum Vitae **prof. PALLAVICINI ALBERTO.**

Born in omissis of omissis (omissis), omissis.

Title of Study: Biological Sciences-Degree at the University of Padova with 108/110 with a thesis titled “Cloning of globin mRNAs expressed in L. zanandreai before and after metamorphosis.” (A.A. 1992-1993). Tutor: Dr. Lanfranchi

Education:
1990 – 1993 Working for the thesis at the laboratory of Prof. Gerolamo Lanfranchi (Department of Biology of the University of Padova).
1993 –1994 Practical training post-lauream at the laboratories of Dr. Lanfranchi Gerolamo and Prof. Giorgio Valle (Department of Biology of the University of Padova).
1995 – 1996 Holder of one Telethon fellowship
1996 – 1998 Ph.D. in Genetics at University of Ferrara.

Work experience:
2022 – present Coordinator of the Master Degree in Sciences for Marine and Coastal Environment
2021 – present Full professor in Genetics, University of Trieste
2019- present Rector Delegate for International relations and mobility
2016-2019 Coordinator of the Bachelor Degree in Sciences and Technologies for the Environment and the Nature
2012-2015 Coordinator of the Bachelor Degree in Biology
2010-2013 Coordinator of the PhD program in Environmental and Life Sciences
2006-2021 Associate professor in Genetics, University of Trieste
2000-2006 Tenured Researcher of Genetics, University of Trieste
1998-2000 Post-Doc in Genetics, University of Padua

Tutors for the following phD programs:
Sciences, Technologies and Economics of the Coffee Industry.
Nanotechnology.
Biomonitoring methodologies of environmental alteration.

Teaching experiences:
Genetics, Population genetics, Molecular methods for the phylogenetic analysis; Bioinformatics I and II; Comparative and structural genomics

Main areas of research:

Alberto Pallavicini is Full Professor in Genetics (SSD BIO/18) at the University of Trieste. Professor Alberto Pallavicini holds an Master degree in Biology from the University of Padua. He had his research training at the Dept. of Biology University of Padua with a thesis entitled “Cloning of globin mRNAs expressed in L. zanandreai before and after metamorphosis.” Post-lauream training, Ph.D in Genetics and post-doc at CRIBI

Prof. Alberto Pallavicini – Via Licio Giorgieri, 5 – I 34127 Trieste – pallavic@units.it - ++ 39 040 558 8736; Web: https://tinyurl.com/ACGlab-UNITS

Biotechnology Center (University of Padua) in the Functional Genomics Unit (headed by Prof. Gerolamo Lanfranchi) and in the Genomics and Bioinformatics Units (headed by Prof. Giorgio Valle).
Prof. Pallavicini has more than 30 years of research and managerial experience in the academic environment with an emphasis on molecular biology, population genetics, transcriptomics and bioinformatics analysis, comparative and functional genomics. His work in the years 1993-2000 has contributed to elucidating the role of newly discovered proteins of the Z-band of the human skeletal muscle. His research interest in the last decade focused on the genomics of non-model organisms, first of all, the marine invertebrate Mytilus galloprovincialis a biomarker of water pollution and a model for comparative immunology studies. Among his main contribution to this field, there is the definition of the mussel transcriptome and whole-genome expression analysis of mussels challenged with biotic and abiotic stressors. Significant achievements of these studies have been: a) the identification of an antimicrobial peptide with high sequence variability in the population of M. galloprovincialis, b) the identification of C1q domain-containing proteins in mussel and the expansion of this protein family in the bivalve genomes, c) the discovery of several secreted short peptides with antimicrobial or other activities. Besides the research activities on mussels, he was part of the scientific team publishing the genome sequence of the first model plant (A. thaliana), the living fossil Latimeria chalumnae, the Coffee plant (C. canephora), and finally the Mediterranean mussel (M. galloprovincialis). I can mention here other scientific interests such as crayfish genomic analysis and metagenomics/metabarcoding analysis in the marine environment (bacteria, zooplankton, fish gut content).

Moreover, Prof. Pallavicini is an associated scientist at the National Institute of Oceanography and Applied geophysics (OGS, Trieste), at Zoological Station Anton Dohrn (SZN, Napoli) e he is member of the National Interuniversity Consortium for Marine Science (CONISMA, Roma).

He is the referee for numerous international journals and grant applications of national and international agencies (Mur, ANVUR, Slovenian, Finland, Israel, France, Spain National Research Agencies). He is a member of the Italian Genetics Society, of the Italian Society of Developmental and Comparative Immunology and the Molluscan Applied Research Italian Society.

Professor Pallavicini is the author of 195 scientific publications on peer-reviewed international journals and 7 Book chapters
Cited 6653 times, H-index=44 (Scopus, October 2023)
Authors of one international patent: WO2010049373A3

Prof. Alberto Pallavicini

Professor of Genetics | Rector Delegate for T4E
Coordinator of the MA in Sciences for Marine and Coas

L'originale compilato e sottoscritto è depositato presso gli Uffici dell'Ente

Prof. Alberto Pallavicini – Via Licio Giorgieri, 5 – I 34127 Trieste – pallavic@units.it - ++ 39 040 558 8736; Web: https://tinyurl.com/ACGlab-UNITS