

CURRICULUM VITAE

PIERO GIULIO GIULIANINI

Academic career

- 1998-2014: Assistant Professor in Zoology (SSD BIO/05) at the Faculty of Sciences, University of Trieste;
- 2014-present: Associate Professor in Zoology (SSD BIO/05) at the Department of Life Sciences, University of Trieste.
- 2017: Qualified as Full Professor in Zoology (Ministero dell'Istruzione, dell'Università e della Ricerca)

Research appointments

- 1994-1995: Fellowship from the Italian Ministry for specialization abroad at the Gatty Marine Laboratory, St. Andrews University, United Kingdom. "Purification and localization of hormones in crustaceans" under the supervision of Ph.D. Prof. M.G. Bentley.

Organizational tasks

- 2001-2004: member of the Steering Committee of CAMPUSONE of the Bachelor Program in Biological Sciences (class 12), Faculty of Mathematical, Physical and Natural Sciences, University of Trieste;
- 2007-2009: secretary of the Steering Committee the Bachelor Program in Biology (class L13), Faculty of Mathematical, Physical and Natural Sciences, University of Trieste;
- 2011-present: scientific head of the Center for Electron Microscopy, University of Trieste;
- 2013-present: representative of the University of Trieste in the Friuli-Venezia Giulia Regional Wildlife Committee.
- 2015-present: president of the joint professors-students commission of Department of Life Sciences, University of Trieste.

Participation in colleges of Ph.D.

- 1999-2013: Doctoral School in Neurosciences and Cognitive Sciences, University of Trieste;
- 2010-2013: PhD in Environmental Biology, University of Trieste. Since 2012 he is the secretary of this PhD;
- 2013-present: PhD in Environment and Life, University of Trieste and University of Udine. From 2013 he is the secretary of this PhD.

RESEARCH

His research interest focuses on the mechanisms underlying the control of growth, reproduction and stress responses in crustaceans and fish. The research has focused on the development of innovative methods for the monitoring, the management and control of populations of alien invasive crayfish species like the red swamp crayfish. The transcriptomic responses of crustaceans at different physiologic conditions and the cold adaptations of Antarctic species have recently been investigated.

He is author of over 80 publications in peer reviewed journal:

[https://scholar.google.it/citations?](https://scholar.google.it/citations?hl=it&user=VSihD0MAAAAJ&view_op=list_works&sortby=pubdate)

[hl=it&user=VSihD0MAAAAJ&view_op=list_works&sortby=pubdate](https://scholar.google.it/citations?hl=it&user=VSihD0MAAAAJ&view_op=list_works&sortby=pubdate)

Bibliometric indicators (13 October 2021)

Scopus: H-index = 21, total citations = 1409

Web of Science: H-index = 20, total citations = 1329

Google Scholar: H-index = 25 (17 since 2016), total citations = 1986

International scientific cooperation

- He collaborates with Dr. Moshe Tom (Israel Oceanographic and Limnological Research Department of Biology and Biotechnology, POB 8030, Haifa 31080, Israel) that he was a Visiting Scientist at the Department of Life Sciences in 2011 and in 2013.
- He collaborates with Professor María Luisa Fanjul-Moles (Universidad Nacional Autónoma de México, Mexico City, Distrito Federal, México).
- He collaborates with Professor Sook J. Chung (Institute of Marine and Environmental Technology, University of Maryland, Baltimore, MD, USA).

Scientific Society affiliations

- Since 1993 he is member of the Italian Zoological Society.
- Since 2004 he is member of the Italian Society for Developmental and Comparative Immunology.
- Since 2012 he is member of The Crustacean Society.

Funding

- PRIN 1999: Systems lagoon of the northern Adriatic: genetics, dynamics, population vulnerability and eco-toxicology. - 24 months, participant;
- Project Research and Science Communication, 2002, Regional Law Friuli Venezia Giulia 3/1998: "Evaluation of environmental stress conditions on natural populations and breeding techniques aimed at restocking of the crayfish *Austropotamobius pallipes italicus* of Friuli Venezia Giulia." - 12 months, PI;
- MIPAF VI Three-year Fisheries and Aquaculture 2000-2002, "Definition of guidelines on hygiene and quality of decapod crustaceans housed for commercial purposes and for human consumption." - 24 months, participant;
- PRIN 2010: Genes and molecules immunity of invertebrates. Structure, functions, developmental precursors and transferability in applied research. - 36 months, PI of research unit;
- RARITY EU LIFE (LIFE / 10 / NAT / IT / 000239) "Eradicate Invasive Louisiana Red Swamp Preserve Native and White Clawed Crayfish in Friuli Venezia Giulia" - 36 months, PI of research unit.
- PNRA16 00234 - PNRA MIUR N. 651 "Transcriptomic and epigenetic tools applied for the study of the evolutive responses of Antarctic panarthropods to global warming" - 24 months, PI of research unit.