

Tullio Genova

11/09/1986

tullio.genova@unito.it



Education

- 2010 - 2014 **PhD in Complex Systems for the Life Sciences** Dept. of Life Sciences and Systems Biology, University of Torino
- 2008 - 2010 **Master Degree in Biomolecular Sciences 110/110 Lode and Press Dignity** Dept. of Life Sciences and Systems Biology, Unito
- 2005 - 2008 **Bachelor Degree in Biological Sciences 110/110** Dept. of Life Sciences and Systems Biology, Unito

Research Experience

- 2019 - Present **Assistant Professor of Physiology (RTDB)** Cellular and Molecular Angiogenesis Lab, DBIOS, Unito
Role of calcium channels in Tumor Angiogenesis; Bone vascularization and regeneration; 3D Bioprinting and advanced *in-vitro* models; Role of natural compounds in metabolic syndrome and cardiovascular disease.
- 2014 - 2019 **Post-doctoral Research Assistant** Dept. of Surgical Sciences, University of Torino
Role of stem cells in regenerative medicine and tissue engineering; Study of endothelial cells in bone development and regeneration; Study of biocompatibility of bone interface materials.

Teaching experience

- 2019 - Present Professor of "General Physiology" (9 CFU) A and B class, Biological Sciences and "Physiology" (11 CFU) Suism, University of Torino
- 2019 Development of innovative teaching methods through interactive video-courses of "Cell Biology, Human Anatomy and Physiology, Genetics and Biochemistry" to preparation for degree courses in Medicine and Surgery, Dentistry and Biotechnology, appointed by Luigi Lagrange Scientific Training School. (<https://www.fityourfuture.it>).
- 2015 - 2016 Adjunct Professor for the class "Physiology" for the degree course in "Nuclear, Subnuclear and Biomedical Physics", University of Torino

Academic Activity

- 2020 Habilitation for Associate Professor
- 2017 Reviewer appointed by European Commission for "ERC Grants" (European Research Council)
- 2019 - Present **Editor:** Frontiers in Physiology; Processes
- 2014 - Present **Reviewer for:** *Journal of Cellular Physiology; Cellular Physiology and Biochemistry; Frontiers in Physiology; Journal of Cellular Biochemistry; Frontiers in Cellular Neuroscience; Acta Biomaterialia; Stem Cells International; International Journal of Cancer International Journal of Molecular Sciences; Molecules; Symmetry; Journal of Tissue Engineering and Regenerative Medicine; Applied Sciences; International Journal of Applied Ceramic Technology; Materials; Materials Research Express*

2017 - Present Member of: *Italian Society of Cardiovascular Research; Italian Society of Physiology; International Society for Heart Research*

Technology transfer

2015 - 2018 Head of research and development of TwoCare s.r.l. In particular, the activity focused on the study of the biocompatibility of innovative bone interface biomaterials.

2016 - Present Management of the collaborations with companies "Mylan"; "Eltek s.r.l.", "Tiss'You s.r.l.", "IML SA"; "Abel Nutraceuticals" handled by the Service Center of the Cellular and Molecular Angiogenesis Laboratory.

Awards

- First place in the contest of 40 innovative business ideas of the " Talents for entrepreneurship " CRT Foundation, with a project aimed at financing university laboratories through collaborations with industry (participants in project 120)
- Publons Peer Review Awards 2018 – Top 1% of world reviewers 2017-2018
- Best Oral Presentation VI workshop on 3D advanced *in-vitro* models – 16.05.18 Pisa

Publications

Published papers: 59

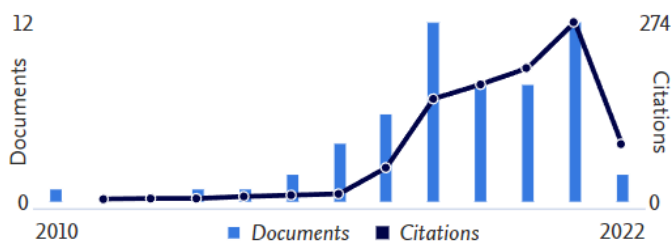
H-index: 21

Total citations: ~ 1050

First/Last author: 26

Contributions in conference proceedings: 30

Book chapters: 2



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