

BIOGRAPHICAL SKETCH

NAME Campello, Silvia	POSITION TITLE Full Professor of Developmental Biology		
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Padova, Padova (I) University of Padova, Padova (I)	Master Ph.D.	2000 2004	Biological sciences Molecular and Cellular Biology and Pathology
Venetian Institute of Molecular Medicine, Padova; Istituto Clinico Humanitas, Milano (I); University of Geneva (CH)	PostDoc	2004-2007	Mitochondria Physiology in Immunology

H-Index: 29
Citations: 9.857
Publications: 57

A. Personal Statement

Since ever I developed deep love for mitochondria and microscopy. After decades demonstrating the role of mitochondria in several T cell physiological processes, I have now a strong commitment in cancer biology, with a major focus on the study of T cell-dependent immune-surveillance.

B. Positions and Honors.

Positions and Employment

2009-2011 Head of the Mitochondrial Dynamics in Immunology Lab at the Centre Medical Universitaire, University of Geneva, Geneva (CH)
2011-2025 Head of the Mitochondrial Dynamics in Neuropathology Lab at the IRCCS Fondazione Santa Lucia, Rome (I)
2014-2021 Associate Professor at the Department of Biology, University of Rome Tor Vergata, Rome (I)
2021-present Full Professor at the Department of Biology, University of Rome Tor Vergata, Rome (I)

Other Experience and Professional Memberships

2021-2024 Coordinator of the “Laurea Magistrale” in Cellular and Molecular Biology and Biomedical Sciences, at the Dept. of Biology, Univ. of Rome Tor Vergata, (I).
Member of the following Societies: Gruppo Italiano Embriologico (GEI)(2025); The European Cell Death Organization (2008);The Biochemical Society (2007);The Italian Society of Clinical Immunology and Allergology (2004);The Italian Group of Bioenergetics and Biomembranes (2000).

Honors

2010-2018 2 EMBO, FEBS, FNS Short Term Fellowships
2009 Marie Curie Intra-European Fellowship (FP7-PEOPLE-IEF-2008, GA number 235595).
2008 Roche Research Foundation Fellowship

C. Contributions to Science

Activity Keywords.

Mitochondria, Cell Biology, Immunology, Apoptosis, Autophagy.

Selected peer-reviewed publications

- M Bordi, ..., S. Campello, A Ballabio, C Frezza, G Cestra, M Tartaglia, A Bartuli, F Cecconi; (2025) **Cell Rep.** Sep 23;44:116230. doi: 10.1016/j.celrep.2025.116230.
- A. Di Daniele, Y. Antonucci, S. Campello*. (2022) **Biology Direct.** Apr 28;17(1):8. <https://doi.org/10.1186/s13062-022-00321-1>
- L. Simula, ... , G. Matarese, C. Tripodo, S. Campello*. (2022) **Mol. Oncol.** Jan;16(1):188-205 doi: 10.1002/1878-0261.13103. Epub 2021 Oct 14.
- E. Maiani, ... , S. Campello, A. Gallo, G. Filomeni, L. Lanzetti, R.C. Sears, P. Hamerlik, A. Bartolazzi, R.E. Hynds, D.R. Pearce, C. Swanton, M. Pagano, G. Velasco, E. Papaleo, D. De Zio, A. Maya-Mendoza, F. Locatelli, J. Bartek, F. Cecconi (2021) **Nature.** 592(7856):799-803. doi: 10.1038/s41586-021-03422-5.

- L. Simula, M. Corrado, B. Accordi, A. Di Rita, F. Nazio, Y. Antonucci, A. Di Daniele, F. Caicci, I. Caruana, M.E. Soriano, M. Pigazzi, F. Locatelli, F. Cecconi and S. Campello* (2020) **Cell Death and Diff.** doi: 10.1038/s41418-020-0540-1 [ePub ahead of print]
- P. D'Acunzo, F. Strappazon, I. Caruana, G. Meneghetti, A. Di Rita, L. Simula, G. Weber, F. Del Bufalo, L. Dalla Valle, S. Campello, F. Locatelli, F. Cecconi (2019) **Nat. Commun.** 10(1):1533. doi: 10.1038/s41467-019-09487-1.
- L. Simula, I. ... , G. Matarese, S. Piconese, S. Campello* (2018) **Cell Reports** 25(11), 3059-3073.E10. doi: https://doi.org/10.1016/j.celrep.2018.11.018.
- L. Simula, F. Nazio, S. Campello* (2017) **Semin Cancer Biol.** Jun 24. pii: S1044-579X(17)30163-3. doi: 10.1016/j.semcancer.2017.06.007. Epub 2017 Jun 24.
- M Corrado, FR Mariotti, L Trapani, L Taraborrelli, F Nazio, V Cianfanelli, ME Soriano, E Schrepfer, F Cecconi, L Scorrano and S Campello [corresponding auth.] (2016) **The EMBO journal.** DOI: 10.15252/embj.201593727 pii: e201593727. [Epub ahead of print].
- AF da Silva, C Valacca, E Rios, H Pópulo, P Soares, M Sobrinho-Simões, L Scorrano, V Máximo, S Campello [corresponding auth.] (2015) **PLoS One.** 10:e0122308. doi: 10.1371/journal.pone.0122308. eCollection 2015.

Reviewer for several International Journals

Cell Death and Differentiation; EMBO Reports; The International Journal of Biochem & Cell Biology; BBA; BBA lipids; BBA bioenergetics; Autophagy; Biophysical Journal; Frontiers; The EMBO journal; PlosOne; Oncotarget; British Journal of Medicine and Medical Research; Biotechnology and Bioengineering; Biology Open; Cell Communications; Cells; Cell Stress

On the Editorial Board of the following International Journal

Cellular and Molecular Life Science (CMLS); Frontiers in Physiology; Frontiers in Immunology; Cell Stress

Funds from International and National Funding Agencies

- Foundation Schmidheiny, CH
- Société Académique de Genève, CH
- Gertrude von Meissner Foundation, CH
- MyFirst AIRC MFAG-12120, IT
- Italian Ministry of Health "Giovani Ricercatori" GR-2009-1606827, IT
- Italian Ministry of Health "Giovani Ricercatori" GR-2011-02351643, IT
- IG AIRC IG 2017-19826, IT
- Italian Ministry of Health "Ricerca Finalizzata" RF-2019-12369700, IT, Unit Head
- NGEU National Recovery and Resilience Plan (NRRP) PE12 Mnesys Project
- Research Unit in Prin Prot. 20222Y9X43 grant, Bando 2022, University and Research Ministry, Italy
- Research Unit in Prin Prot. P2022NMJEC grant, Bando 2022 PNRR, University and Research Ministry, Italy.

Academic Teaching Experience.

- 2008-2011 Teaching parts of the Histology Course (theoretical and practical courses) to first-year medical students at the Geneva Medicine Faculty, Centre Médicale Universitaire, Genève, Switzerland.
- 2011-2016 Teaching parts of the Cell Differentiation Course to the specialized degree in Cellular and Molecular Biology students (first year) at the University of Rome Tor Vergata, Italy.
- 2015- Professor of the Fundamentals of Cell and Developmental Biology Course in the Bioinformatic specialized degree, at the University of Rome Tor Vergata, Italy.
- 2018- Professor of the Developmental Biology Course in the Biotechnology degree, at the University of Rome Tor Vergata, Italy.
- 2019-2025 Professor of Fluorimetric Biotechnology in the Biotechnology specialized degree, at the University of Rome Tor Vergata, Italy.
- 2024- Adjunct professor of the Preclinical Models Course in the Pharmacology degree, at the Cattolica University, Rome, Italy
- 2025- Professor of Architecture and dynamics of the cell organelles in the Cellular and Molecular Biology and Biomedical Research master degr., at the University of Rome Tor Vergata, Italy.

Roma, 18/02/2026

