

PERSONAL INFORMATION

Silvestro Conticello



Consiglio Nazionale delle Ricerche
Istituto di Fisiologia Clinica
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Sex M | Date of birth 14/08/1971 | Nationality Italian

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☒ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☐ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

- 09/2019-current **Primo Ricercatore, secondo livello**
Istituto di Fisiologia Clinica, Consiglio Nazionale delle Ricerche (CNR-IFC)
▪ Cancer Research, Molecular Biology, Bioinformatics
EPR
- 01/2018-08/2019 **Group Leader of the “Molecular Mechanisms of Oncogenesis” Unit**
Istituto per lo Studio, la Prevenzione e la Rete Oncologica
▪ Cancer Research, Molecular Biology, Bioinformatics
Governmental
- 07/2007-01/2018 **Group Leader of the “Molecular Mechanisms of Oncogenesis” Unit**
Azienda Ospedaliera-Universitaria Careggi – Istituto Toscano Tumori
▪ Cancer Research, Molecular Biology, Bioinformatics
Governmental
- 10/2002-7/2007 **Postdoctoral fellow**
Medical Research Council - Laboratory of Molecular Biology, Cambridge, UK
▪ Molecular Biology, Bioinformatics, Evolutionary Biology
Academia
- 03/1999-08/2002 **Postdoctoral fellow**
Weizmann Institute of Science, Rehovot, Israel
▪ Evolutionary Biology, Molecular Biology
Academia
- 02/1998-12/1998 **Visiting Student**
Weizmann Institute of Science, Rehovot, Israel
▪ Evolutionary Biology, Molecular Biology
Academia

EDUCATION AND TRAINING

- 11/1995-3/1999 **PhD program in “Medical Biology and Biochemistry”**
University of Bari - University of Catania, Italy
▪ Molecular Biology, Neurosciences
- 9/1989-7/1995 **Doctor of Medicine – Laurea in Medicina e Chirurgia, laude**
University of Catania, Italy
▪ Medical sciences, Molecular Biology, Neurosciences

WORK ACTIVITIES

- Editorial activity** *Guest Editor:* PLoS Genetics
Reviewer: Science; Cell; EMBO J.; JBC; Biochem. J.; FEBS Letters; Proceedings of the Royal Society: Biological Sciences; J. of General Virology; Evolution; WIREs RNA; ERMM; Molecular Biology and Evolution; Genome Biology; Nature Chemical Biology; PLoS One; Molecular and Cellular Proteomics; J. of Molecular Biology; PLoS

Silvestro Conticello

Invited presentations	Genetics; Frontiers Immunology; Matters; Structure; Scientific Reports; Genome Research; Nucleic Acids Research; PNAS; Mutation Research; Science Advances; ACS Infectious Diseases; Nature Communications; J. of Molecular Endocrinology; BMC Biology; J. of Clinical Investigation; J. of Immunology; Immunology; DNA Repair; European J. of Human Genetics; J. of Molecular Cell Biology; Molecular Therapy (2017) University of Udine; XX Congresso Nazionale SIGU, Napoli; (2018) Weizmann Institute of Science, Rehovot; "Biologia del Cancro", Accademia dei Lincei, Pisa; SIBBM Workshop "New Frontiers in Epitranscriptomics", Bari; Denothe Seminar, Firenze; COST EPITRAN meeting, Malaga; (2019) 120th International Titisee Conference "Evolution of immune defense mechanisms", Titisee; EMBL, Grenoble; (2020) 1st International Conference on Base Editing (Deaminet 2020), Palm Springs; Ospedale Pediatrico "Bambino Gesù", Roma; 2nd RNA Editing Summit (virtual meeting); (2021) 2nd International Conference on Base Editing (virtual meeting); (2022) 3rd International Conference on Base Editing; University of South California, Los Angeles.
Grants	2021, FISIR COVID19 - HackTheCoV. PI; 2021, Ist. Buddista Italiano Soka Gakkai - PAT-COVID. Unit PI; 2021, MSCA Innovative Training Network - ROPES. ESR PI; 2021, CNR/Royal Society. Co-PI; 2020, Starting Grant - SG-2019-12370279. Fellow Supervisor; 2020, JPND - JPND2019-466-146. Unit PI
Patents	2019 - Donati F., Niccheri F., Renieri A., Papa F., Conticello S., Lorenzetti F., Mari F. - CRISPR/Cpf1 as a tool for locus specific delivery of suicide gene in cancers. Sistema CRISPR-Cas per l'editing genomico, brevetto n. 102018000009431 (Italia), 2020/079574 A1 (international, pending) 2019 - Conticello et al. - CRISPR/Cas9 as a tool for therapeutic intervention in Alport Syndrome, Pompe disease, Rett Syndrome, and Parkinson Disease. brevetto n. 102018000020230 (Italia) 2020 - Conticello et al. Varianti della citidina deaminasi per l'editazione di basi. 102020000028688, Consiglio Nazionale delle Ricerche (pending) 2021 - Berman et al. - Use of Nanopore Sequencing for Determining the Origin of Circulating DNA. Application n. 63256655 (USPTO, pending)

ADDITIONAL INFORMATION

Publications	total number of publications in peer-review journals: 33 total Impact Factor (IF) (average IF/paper): 405.10 (12.28) total number of citations: 2569 H index: 21 ORCID 0000-0002-4244-1846
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Relevant publications

1. Boccaletto et al. Nucleic Acids Research (2021) - 10.1093/nar/gkab1083
2. Di Giorgio et al. Science Advances (2020) - 10.1126/sciadv.abb5813
3. Rogier et al. Nature (2021) - 10.1038/s41586-021-04093-y
4. Chieca et al. RNA Editing, Methods and Protocols. Methods in Molecular Biology (2020) - 10.1007/978-1-0716-0787-9_5
5. St. Martin et al. Nucleic Acids Research (2018) - 10.1093/nar/gky332
6. Niccheri et al. Cellular and Molecular Life Sciences (2017) - 10.1007/s00018-017-2524-y
7. Severi and Conticello. RNA Biology (2015) - 10.1080/15476286.2015.1026033
8. Saraconi et al. Genome Biology (2014) - 10.1186/s13059-014-0417-z
9. Severi et al. Molecular Biology and Evolution (2011) - 10.1093/molbev/msq338
10. Conticello et al. Molecular Cell (2008) - 10.1016/j.molcel.2008.07.009
11. Conticello. Genome Biology (2008) - 10.1186/gb-2008-9-6-229
12. Conticello et al. Molecular Biology and Evolution (2005) - 10.1093/molbev/msi026
13. Conticello et al. Current Biology (2003) - 10.1016/j.cub.2003.10.034

Firenze, 27/1/2022

S. Conticello