PERSONAL INFORMATION

GIORGIO SCITA

University of Milan
Department of Oncology and Haemato-Oncology
IFOM - the FIRC Institute of Molecular Oncology, via Adamello 16, 20139 Milan, Italy

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Giorgio.scita@unimi.it

https://www.ifom.eu/en/cancer-research/research-labs/research-lab-scita.php

Sex male | *Date of birth* 09/02/1963 | *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

2006-present

Professor of Pathology.

University of Milan, School of Medicine, Department of Health Sciences, Milan, Italy
At IFOM - the FIRC Institute of Molecular Oncology
Via Adamello, 16 - 20139 - Milano
Teaching Pathology and direction of the group on Mechanism of tumor cell migration
Education and Basic Cancer Research

2001-present

Group Leader.

At IFOM - the FIRC Institute of Molecular Oncology
Via Adamello, 16 - 20139 - Milano
- Teaching Cell biology and direction of the group on Mechanism of tumor cell migration

Basic Cancer Research

1995-2001

Research Assistant.

European Institute of Oncology, Milan, Italy
Via Ripamonti 435, 20139 - Milano
- Supervision of students and direction of a group on Cell signalling in Cancer

Basic Cancer Research

1994-1995

Senior Post Doctoral Fellow.

National Institute of Health. National Cancer Institute, Division of Cancer Etiology. Laboratory of Carcinogenesis and Tumor Promotion, Differentiation Control section, Bethesda, Maryland
- Responsible of a project on Cell signalling in Cancer

Basic Cancer Research

1990-1994

Post-Doctoral Fellow.

University of California, Berkeley, USA. Department of Nutritional Sciences
Responsible of a project on Metabolism of Vitamin A and effect of Retinoic Acid on cell adhesion
Basic Cancer Research

EDUCATION AND TRAINING

1987-1989

Post-graduate specialization in Food Chemistry and Technology

University of Parma, Parma, Italy.

1987-1989

Degree in Biological Sciences

University of Parma, Parma, Italy.

WORK ACTIVITIES

Awards

2011 ERC-advanced grant;
2014 EMBO member
2022 ERC Synergy grant

Editorial activity

Editor of the European Journal of Cell Biology, Journal of Cell Science (since 2015)
Ad hoc reviewer for: Cell family journals, Nature family journals, Journal of Cell Biology, Molecular Biology of the Cells, Journal of Cell Science, Plos Biology journal family, Journal Cell Science, Molecular Biology of the Cell

Invited presentations (Selection)

INVITATIONS TO CONFERENCES (> 60 oral presentations in total, examples. for 2018-21)

2021 Physics and Biological Systems 2021 on Line conference June22-25th
2021 Beatson International Cancer Conference, VIRTUAL July12-14th
2020 3rd NYU Biomedical and Biosystems Conference, 12-14 January 2020 Abu Dhabi
2019 2nd Mechanobiology meeting in Vietnam, July 2019
2019 Mechanobiology Symposium, MBI, Singapore, July 2019
2019 CELL MECH, Milan, Italy, June 2019
2019 Gordon Research Conferences - Directed Cell Migration, January 201
2018 Cell Mechanics Royal Society Symposium, London June 2018
2018 Keystone Symposium on "Myeloid Cells", April 2018
2018 EMBO Symposium "Tissue self-organization", Heidelberg, Germany, March 2018

• SEMINAR INVITATIONS (> 70 in total, examples for 2018-21)

2021 Mechano-Genomics Seminar Series, speaker Giorgio Scita
2020 Lab retreat -LabEx Celtisphybio (Institut Curie) Invited Guest speaker
2018 IRIC - Institute for Research in Immunology and Cance, Montreal, Canada, October 2018
2018 Institut Curie, in Paris-April, 2018
2018 University of Upsala, Sweden February 2018
2018 Institute Pasteur, Paris, France

Grants

2019-2026 AIRC 5 X1000 Group Leader (1.050.000);
2020-2024 AIRC-IG (1.196.000)
2020-2022 Bio4Life/Chiesi Farmaceutici SPA (120.000)
2019-2021 PRIN, Partner (211.000)
2017-2019 AIRC IG (852.000)
2016-2019 Ministero della Salute, Partner (420.000)

ADDITIONAL INFORMATION

Publications

TOTAL NUMBER OF PUBLICATIONS IN PEER-REVIEW JOURNALS: 148
TOTAL IMPACT FACTOR (~1584) (AVERAGE ~11/PAPER),
TOTAL NUMBER OF CITATIONS: 134508 (GOOGLE SCHOOLAR)
H INDEX: 63 (GOOGLE SCHOOLAR)
SELECTED PUBLICATION AS CORRESPONDING AUTHOR (2011-PRESENT)

1. Frittoli, E. *et al.* Tissue fluidification promotes a cGAS-STING cytosolic DNA response in invasive breast cancer. *Nat Mater* (2022).
2. Nader GPF. Compromised nuclear envelope integrity drives TREX1-dependent DNA damage and tumor cell invasion. ***Cell.*** *2021* Sep 30;184(20):5230-5246.e22* Equal Contribution
3. Palamidessi. Unjamming overcomes kinetic and proliferation arrest in terminally differentiated cells and promotes collective motility of carcinoma. ***Nature Materials****. 2019* Jul 22.
4. Bisi, S., IRSp53 controls plasma membrane shape and polarized transport at the nascent lumen in epithelial tubules. ***Nat Commun***. 11:3516. 2020
5. Corallino, S., C. A RAB35-p85/PI3K axis controls oscillatory apical protrusions required for efficient chemotactic migration. *Nature Comm. 2018* Apr 16;9(1):1475.
7 Zobel, M., A NUMB-EFA6B-ARF6 recycling route controls apically restricted cell protrusions and mesenchymal motility. *J Cell Biol. 2018* Sep 3;217(9):3161-3182.
8. Malinverno, C.,,2017. Endocytic reawakening of motility in jammed epithelia. ***Nature Materials****. 2017* May;16(5):587-596.
7. Malet-Engra, G., Collective cell motility promotes chemotactic prowess and resistance to chemorepulsion. ***Current Biology****. 2015* Jan 19;25(2):242-250.
9. Rolland, Y., The CDC42-Interacting Protein 4 Controls Epithelial Cell Cohesion and Tumor Dissemination. ***Dev Cell.*** *2014* Sep 8;30(5):553-68.
10. Frittoli, E.,The signaling adaptor eps8 is an essential actin capping protein for dendritic cell migration. ***Immunity*** *2011* Sep 23;35(3):388-99. doi: 10.1016/j.immuni.2011.07.007