

Last Name Gabriele

First Name Lucia

Birth year 1964

Institution Istituto Superiore di Sanità, Rome, Italy

Short CV

L. Gabriele is Head of Tumor Immunology Section at ISS (Rome), Co-Chair of Vaccine Platform EATRIS-ERIC. She has a long track record of studies on IFN signaling in immunity to cancer and infectious diseases. Her seminal papers have contributed to uncover key aspects of the development and function of dendritic cells (DCs) and to generate DC-based immunotherapies for cancer patients. Her research has also focused on the dissection of cancer-immune interplay with particular attention to its modulation by epigenetics, immunomodulators and immunotherapies. Over the last 10 years, she has been working on the construction of microfluidic devices to investigate cancer-immune system crosstalk. Recently, she has started to investigate the impact of the sex variable on the immune response against cancer and SARS-CoV2 infection. She has 30-year-long experience in phenotypic and functional characterization of immune cells, immunological assays, high-throughput profiling of human immune cells. Currently, in close collaboration with clinical centres (e.g. Sapienza University, IDI-IRCCS, Catholic University, Rome), she is promoting research studies for discovering predictive immune markers in diverse types of immunotherapy-eligible cancer. She has been PI or PI Unit of European and national grants; she is author of several peer-reviewed papers as first, last, and corresponding author; her H-Index is 31.

Major Positions and education

2018-present: Head of Immuno-Oncology Section, Dept. OMM, ISS, Rome, Italy;

2017-present: Co-chair of Vaccines Product Platform, EATRIS-ERIC, Amsterdam, Netherlands;

2002-2018: Group Leader, Dept. of OMM, ISS, Rome, Italy; 1999-2000: Special volunteer/UICC-TCRF fellow, Laboratory of Immunopathology (LIP), NIAID, NIH, Bethesda, USA; 1994-1998: Visiting Fellow/Special volunteer, LIP, NIAID, NIH, Bethesda, USA; 01/01/1994: PhD in Genetics, University of Rome "La Sapienza"; 01/01/1989: Bachelor of Biology, University of Rome "La Sapienza"

ORCID: 0000-0002-1483-866X

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