

CLAUDIA MATTEUCCI

Curriculum Vitae

Date of birth:

November 22th 1970, Rome, Italy

Address:

Tor Vergata University of Rome

Department of Experimental Medicine

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EDUCATION

1994 Master Degree in Biology Sciences (110 cum laude), University of Rome Tor Vergata, Italy

2001-PhD in Medical and Experimental Microbiology at the University of Rome Tor Vergata, Italy

2003- Specialization in Microbiology and Virology at the University of Rome Tor Vergata, Italy

CURRENT POSITIONS

2008-to date: Assistant professor (permanent position), disciplinary sector “Microbiology and Clinical Microbiology” MED 07 at University of Rome “Tor Vergata”, Department of Experimental Medicine

2018 Scientific national habilitation (ASN) as Associate Professor of Microbiology and Clinic Microbiology (MED 07), Italian Ministry of University and Research (MIUR).

PREVIOUS POSITIONS

2005-2008 Post-doc researcher position at the Institute of Neurobiology and Molecular Medicine CNR (Rome, Italy), working on a project in cancer research supported by the National Institute of Health-NIH and Istituto Superiore di Sanità (ISS-USA grant), in collaboration with University of Texas, Health Science Center, Houston, TX (USA) (visiting researcher in 2006).

2003-2004 Fellowship from the AIDS project of Istituto Superiore di Sanità (ISS).

2000 Fellowship from HTLV European Research Network (HERN) to work as visiting researcher at the Institute for Clinical and Molecular Virology at the University of Erlangen-Nuremberg, Germany.

TEACHING ACTIVITIES

Since 2009, professor of elective course "Immune response to infection" in Degree Course in Therapy of the Neuro and Psychomotor Developmental, University of Rome "Tor Vergata".

Since 2009 professor in “Microbiology” in the Integrated Course of General Pathology and Microbiology for the Degree Course in Techniques of Psychiatric Rehabilitation, University of Rome "Tor Vergata".

Since 2011 professor in the Course of “Applied Microbiology” for the Master of Science in Human Nutrition Science, University of Rome "Tor Vergata".

Since 2015 professor in the Course of Microbiology and Clinical Microbiology for the Degree Course in Nursring, Catholic University “Our Lady Of Good Counsel Elbasan, Albania

Since 2017 professor in the Course of “Microbiology and Clinical Microbiology” for the Degree Course in Speech Therapy, branch IRCCS Santa Lucia, University of Rome “Tor Vergata”

Since 2017 professor in the Course of “Microbiology and Clinical Microbiology” for the Degree Course in Physiotherapy, branch IRCCS Santa Lucia, University of Rome “Tor Vergata”

Since 2017 professor in the Course of “Microbiology and Clinical Microbiology” for the Degree Course in Nursing, branch IRCCS Santa Lucia, University of Rome “Tor Vergata”.

Since 2017 professor in the Course of “Microbiology and Clinical Microbiology” for the Degree Course in Podiatry, University of Rome “Tor Vergata”.

Since 2017 professor in the Course of “Microbiology and Clinical Microbiology” for the Degree Course in Physiotherapy, University of Rome “Tor Vergata”.

Since 2018 professor in the Course of “Microbiology and Clinical Microbiology” for the Master’s Degree in Medicine and Surgery. University of Rome “Tor Vergata”.

Since 2008 part of the Academic Board of the School of Specialization in Microbiology and Virology of the University of Rome "Tor Vergata".

Since 2008 is part of the Academic Board of the PhD course in "Microbiology, Immunology, Infectious diseases, organ transplants and related diseases" of the University of Rome "Tor Vergata".

MEMBERSHIPS OF SCIENTIFIC SOCIETIES and PARTICIPATION IN COMMITTEES

Since 1997 she is a member of the Italian Society of Microbiology (SIM). In 2006-2007 she collaborated in the Commission of Bionanotechnology at the National Committee of Biosecurity and Biotechnology of the Italian Presidency of the Council of Ministers. Since 2016 (foundation year) to date he is a member of the "Food Microbiologist teachers global network". Member of the European Organisation for Research and Treatment of Cancer (EORTC) -“Pathobiology” and “Pharmacology & Molecular Mechanisms” groups.

SCIENTIFIC RESEARCH ACTIVITY

Current research studies: role endogenous retroviruses and retroelements in the pathogenesis of cancer and neurodevelopmental diseases. Since 1994 she contributed to several research projects concerning studies on: multiparametric techniques of cellular analysis for the evaluation of cytotoxic effect of antitumoral and antiretroviral drugs, especially studying the mechanism of apoptosis in lymphoid cell and the involvement of NF- κ B in apoptotic response to AZT; immunological modification during antitumoral combination therapy of cytokines and Thymosin alpha 1 in mice; antiviral activity of Thymosin alpha 1; retroviruses (HIV, HTLV-1) and oncogenesis; identification of biological markers for cancer diagnosis and therapy response.

In the last decade, the research activity has been focused mainly on the role of endogenous retroviruses (HERV) in the pathogenesis of cancer, neurodevelopmental diseases and infectious diseases. Evaluation of immunophenotype alterations and cytokine storm in COVID19 patients for biomarkers discovery for early diagnosis and therapeutic choice.

Author of about 80 publications among full papers, reviews, meeting proceedings, and more than 120 abstracts from national and international meetings. Several oral research presentations at international and national scientific meetings, and invited speaker at international meetings. Investigator in several projects and grants. (<https://www.researchgate.net/profile/Claudia-Matteucci>).

INTERNATIONAL SCIENTIFIC COLLABORATIONS

Prof. Ira-Ida Skvortsova, (Department of Therapeutic Radiology and Oncology, Innsbruck Medical University, Innsbruck, Austria) “Investigation on the role of Endogenous Retroviruses in cancer stemness and therapy resistance”.

Dr. Hervé Perron (GeNeuro Biotech, Lyon, France) “Investigation on the role of Endogenous Retroviruses in etiopathogenesis of complex diseases as cancer, neurodevelopmental disorder and infectious diseases”.

Dr. Fabrice Malergue, (Senior Staff Development Scientist R&D-Research, Beckman-Coulter Life Sciences. Immunotech SAS, Marseille, France) “Flow-cytometry analysis of CD169 in monocytes/macrophages for the early intervention in COVID19 patients’ management”

EDITORIAL BOARD MEMBER AND REVIEWER FOR INTERNATIONAL JOURNALS

Section Editor for Advances in Cancer Biology – Metastasis (Elsevier), Section “Cancer Cell Biology”.
Editorial member of MDPI-Pathogens.

Review Editor for Frontiers in Microbiology – Section Virology.

Guest Editor – Special Issue in Frontiers in Oncology untitled “Unraveling the role of HERVs in cancer: insights and new targets for therapy.”

Reviewer in journals: Frontiers in Immunology, Frontiers in Oncology, BMC Medical Genomics, Reviews in Medical Virology, International Journal of Virology and AIDS, Intervirology, International Immunopharmacology, BMC Cell Communication and Signalling, Journal of Experimental & Clinical Cancer Research, Molecular Cancer, Molecular Biology Reports, Journal of Pathology, European Journal of Internal Medicine, MDPI Cancers, Expert Opinion in Molecular Diagnosis, Cellular and Molecular Life Sciences, World Journal of Gastroenterology, MDPI group (Pathogens, microorganisms, cancers, Nanomaterials).

The undersigned is aware that, pursuant to art. 26 of Law 15/68, false statements, false documents, the use of false acts are punishable under the Penal Code and special laws, in addition, the undersigned authorizes the processing of personal data pursuant to Legislative Decree 30 June 2003, no 196 "Code for the Protection of Personal Data" and the European Regulation on the protection of personal data, GDPR 679/2016.

Rome, 17 december 2021

Claudia Matteucci

A handwritten signature in black ink, appearing to read 'Claudia Matteucci', with a stylized flourish at the end.