

CURRICULUM VITAE Prof. Giovanni Camussi M.D.

Date of birth: **26 August 1947**

Place of birth: **Torino, Italy**

Academic appointments:

Ø Professor Emeritus, Department of Medical Sciences, University of Torino, Corso Dogliotti, 10126 Torino, Italy

PROFESSIONAL BACKGROUND:

1976-84: Assistant Professor of Nephrology and Head of the Renal Immunopathology Laboratory at the University of Torino, Italy.

1984-87: Research Associate Professor of Microbiology and Pathology, State University of New York, Buffalo NY, USA.

1988-94: Full Professor in the Department of Biochemistry and Biophysics at the II University of Naples, Italy.

1994-1998: Full Professor in the Department of Clinical and Biological Sciences, Chair of Nephrology and Clinical Immunology, II Faculty of Medicine, Varese, University of Pavia.

1998-2013: Full professor of Nephrology in the Department of Internal Medicine, University of Torino.

2013-2017: Full professor of Nephrology in the Department of Medical Sciences, School of Medicine, University of Torino, Italy.

2014-2019 Adjunct Professor of Medicine, Department of Medicine of Brown University, Providence (RI), USA.

2018-present: Professor Emeritus, Department of Medical Sciences, University of Torino.

ADMINISTRATIVE ACTIVITIES:

Prof. Camussi has been Director of the Department of Internal Medicine, Director School of Specialty in Nephrology and Director of the PhD program in Complexity in Medicine and Life Science, University of Torino. President of Course of Medical Biotechnology (2007-2015). President Scientific Committee of the Translational Center for Regenerative Medicine, University of Torino/Fresenius Medical Care (2012-2016).

2010-2017: Director PhD program in Medical Pathophysiology; Member of Council of School of Medicine; Director of the Laboratory of Renal and Vascular Pathophysiology Research Center for Experimental Medicine (CeRMS);

1998-2017: Director of the Renal Pathology Laboratory of the Department of Medical Sciences, School of Medicine, University of Torino.

He is currently **Scientific Coordinator** of stem cell research projects of 2i3T incubator of University of Torino, at the Molecular Biotechnology Center, Chief of Scientific Advisory Board of Unicyte AG and President of EvoBiotech s.r.l.

SCIENTIFIC ACTIVITY:

He worked on and published work on 1. the biochemical characterization, cellular origin, and biological activities of platelet-activating factor. He demonstrated the release of this phospholipid mediator from human leukocytes and endothelial cells and investigated its role in the cardiovascular, lung and renal physiopathology and in tumor biology; 2. Experimental models of diabetic nephropathy; 3. Marrow and tissue derived stem cell separation and characterization; 4. Renal immunopathology; 5. Inflammatory and tumor angiogenesis; 6. Identification, purification and functional characterization of adult human liver stem cell-like (HLSC); 7. Identification, purification and functional characterization of adult human kidney stem/progenitor cells; 8. Identification of tumor initiating stem-like

cells in renal carcinomas; 9. Purification and characterization of human stem cell derived exosomes/microvesicles and characterization of their mRNA and miRNA content; 10. Characterization and exploitation of plant-derived extracellular vesicles as carriers of ribonucleic acid as drug delivery; 11. Generation of insulin producing organoids.

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Scientific Societies:

International Society of Extracellular Vesicles
American Society of Gene and Cell Therapy
Accademia di Medicina, Torino

-Ex RNA communication consortium



-He has been **Co-Chair** of *Gordon Research Conference August 21 - 26, 2016*, “Biologic Effects and Therapeutic Potential of Extracellular Vesicles”

-He has been **Chair** of *Gordon Research Conference August 19 - 24, 2018*, From Basic Research to Clinical Diagnostic and Therapeutic Applications of Extracellular Vesicles

-He serves in the **Editorial Board** of the following journals:

PLoSOne, American Journal of Cancer Research, Journal of Nephrology, International Journal of Molecular Medicine, Journal Inflammation & Allergy – Drug Targets, Journal of Nephrology and Renal Transplantation, Recent Patents on Regenerative Medicine, World Journal of Critical Care Medicine, Austin Journal of Clinical Pathology, Scientific Reports, Stem Cell Therapies section in Clinical & Translational Medicine.

Section Editor of Stem Cell Reviews and Reports.

Associate Editor of Journal of Extracellular Vesicles.

Associate Editor of Cell.

-He served as **referee** for the following **journals**:

Journal Experimental Medicine, Journal of Cellular and Molecular Medicine, Journal Molecular Medicine, International Journal of Molecular Medicine, Kidney International, Journal of Nephrology, Blood, Journal of Immunology, Critical Care Medicine, The American Journal of Pathology, The Journal of American Society of Nephrology, Nature Medicine, Nature Communications, Circulation, Circulation Research, International Journal of Cancer, Cancer Research, BMC Cancer, Molecular Cancer, PLoSOne.

-He served as **referee** for the following **research agencies**: Wellcome Trust (UK); Cancer Research UK; Canadian Institutes of Health Research; Natural Sciences and Engineering Research Council of Canada; German Federal Ministry of Education and Research, Ministero Istruzione Università e Ricerca, Istituto Superiore di Sanità, Israel Science Foundation, Swiss National Science Foundation, National Institutes of Health (NIH), USA.

Research Support.

Prof Camussi has been the **principal investigator** in research projects funded by: the National Health Institute; Italian Association for Cancer Research; Italian Association for Research on Stem Cells; Italian Ministry of Education, University and Research; Telethon; European (Kistem Project, European 6th Framework Program on Research, Technological Development and Demonstration, and Marie Curie Actions; Nanotechnology) and USA (National Institutes of Health NIH) funding agencies.

He lists over **593 publications on PubMed** indexed journals:

<https://pubmed.ncbi.nlm.nih.gov/?term=camussi+g>

AD Scientific Index Ranking for Scientist:

<https://www.adscientificindex.com/scientist.php?id=1806180>

Google Scholar Citation: h-index 111; citations >55,000

<https://scholar.google.com/citations?user=MInXqMIAAAAJ&hl=en>

ORCID ID:

<https://orcid.org/0000-0003-2795-232X>

Named as Inventor in 34 Patents listed in Espacenet:

<https://worldwide.espacenet.com/patent/search?q=giovanni%20camussi>