

PERSONAL INFORMATION

Adriana Albini

 Via Vittorio Veneto 2, 20099 Sesto San Giovanni (Italy)

 3482308475

 adriana.albini@multimedica.it

 Skype [adrialbini](#)

WORK EXPERIENCE

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- 2015–Present **Head of Vascular Biology and Angiogenesis Laboratory**
IRCCS (Istituto di Ricovero e Cura a Carattere Scientifico) MultiMedica, Milano (Italy)
- 2014–Present **Scientific Director**
Fondazione MultiMedica Onlus, Milano (Italy)
- 2020–Present **Adjunct Professor of General Pathology**
Department of Medicine and Surgery, Milan-Bicocca University, Monza (MB) (Italy)
- 2018–2019 **Full Professor of General Pathology**
Department of Medicine and Surgery, Milan-Bicocca University, Monza (MB) (Italy)
- 2012–2015 **Director of Department “Research and Statistics Infrastructure” (I-RS)**
IRCCS Advanced Technologies and Models of Care in Oncology-Santa Maria Nuova Hospital, Reggio Emilia (Italy)
- 2012–2015 **Director of the Translational Research Laboratories**
IRCCS Advanced Technologies and Care Models in Oncology-Santa Maria Nuova Hospital, Reggio Emilia (Italy)
- 2009–2012 **Scientific Director**
MultiMedica Medical Center, Castellanza (VA) (Italy)
- 2006–2012 **Director of the Oncology Research Program**
IRCCS MultiMedica, Milano (Italy)
- 2005–2006 **Chairman, Department of Translational Oncology**
IRCCS Italian National Institute for Research on Cancer (IST), Genova (Italy)
- 2004–2006 **Deputy Scientific Director**
IRCCS Italian National Institute for Research on Cancer (IST), Genova (Italy)
- 1999–2006 **Director of the Laboratory of Molecular Oncology**
Italian National Institute for Research on Cancer (IST), Genova (Italy)
- 1996–1999 **Chief, Neoplastic Progression Section - Department of Biotechnology in Oncology**

- Italian National Institute for Research on Cancer (IST), Genova (Italy)
- 1988–1996 **Deputy Director, Division of Experimental Oncology**
Italian National Institute for Research on Cancer (IST), Genova (Italy)
- 1987–1988 **“Visiting scientist”**
NEI, Laboratory of Retinal Cell and Molecular Biology, National Institute of Health, Bethesda (United States) , Fogarty
- 1985–1986 **“Visiting associate”**
NIDR, Laboratory of Developmental Biology and Anomalies, National Institute of Health, Bethesda (United States) Fogarty
- 1984–1986 **Research Assistant, Department of Chemical Carcinogenesis**
Italian National Institute for Research on Cancer, IST, Genova (Italy)
- 1983–1984 **Postdoctoral Fellow**
Gesellschaft für Strahlen - und Umweltforschung mbH (GSF), Munich (Germany)
- 1981–1983 **Postdoctoral Fellow**
Department of connective tissue research, Max-Plank Institute of Biochemistry, Munich (Germany)
- 1980–1981 **Research Assistant, Department of Analytical Chemistry and Toxicology**
Italian National Institute for Research on Cancer, IST, Genova (Italy)
- 1980–1980 **Laboratory Assistant, Laboratory of Clinical Infectious Diseases**
Giannina Gaslini Institute - IRCCS Pediatric Hospital, Genova (Italy)
- 1980–1980 **Research Fellow, Rheumatology, Regional Research Association**
Lega Ligure contro il Reumatismo, Istituto Reumatologico Bruzzone, University of Genoa, Genova (Italy)

EDUCATION AND TRAINING

- 2003–2003 **Advanced Course for Management of “Hospital Divisions” (Laboratories/facilities/Departments)**
SDA Bocconi, Milano (Italy)
- 1980–1980 **Habilitation as Chemist - Enrolment in the Professional Register of Chemists - Interprovincial Order of Chemists of Lombardy (registration n° 3607)**
University of Genoa, Genova (Italy)
- 1974–1979 **Laurea Organic Chemistry. (Thesis: Alcolisi of diaryl-solfodiimmidi)**
Summa cum Laude: 110 e lode -PhD

University of Genoa, Faculty of Natural Science, Institute of Organic Chemistry, Genoa (Italy)

1970–1974 **Liceo Classico - Maturità Classica- Master Degree**
Liceo Classico Statale C. Colombo - Genova, Genova (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	C2	C2	C1	C1	C1
French	C2	C2	C1	C1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Organisational / managerial skills

Adriana Albini is Head of the Vascular Biology and Angiogenesis Laboratory of IRCCS MultiMedica, Sesto San Giovanni (MI) and Scientific Director of the MultiMedica Onlus Foundation, Milan. She is Professor, High Qualification Expert, of General Pathology, Department of Medicine and Surgery, Milan-Bicocca University of Monza (MB).

From 1 March 2018 to 30 December 2019, Dr. Albini has been Full Professor of General Pathology for the Department of Medicine and Surgery of the Milan-Bicocca University of Monza (MB)

From 2012 to 2015 she was Director of the, "Translational Research Laboratory" of the Santa Maria Nuova Hospital in Reggio Emilia - IRCCS "Advanced Technologies and Care Models in Oncology" and Director of Infrastructure - Research -Quality - Statistics (I- RQS) of the same IRCCS.

From 2006 to 2012 she was Head of Oncological Research at the Scientific and Technological Pole of the IRCCS MultiMedica in Milan and Sesto San Giovanni and Scientific Director of the MultiMedica Research Hospital in Castellanza (VA).

From June 2004 to October 2006 she was Deputy Scientific Director for IST, National Institute for Cancer Research, Genova, Italy and from January 2005 Director of the Department of Translational Oncology at the same institution.

From 31 July 1999 she directed the Laboratory of Molecular Oncology at the National Institute for Cancer Research, Genova, Italy.

Previously she held the position of head of the Section "Mechanisms of induction of neoplastic progression" Experimental Oncology Division of IST- Istituto Nazionale Ricerca sul Cancro-Genova.

In all those positions she demonstrated highly management and organizational skills

Dr. Albini's research has been carried out scientifically autonomously since her graduation thanks also to various funding from CNR, AIRC, the Ministry of Health in her name.

Dr. Albini has always shown knowledge and interest problem solving for her collaborators, both from a strictly work and management point of view and from a personal point of view.

In her experiences in managing complex and departmental structures she has had responsibility for numerous human resources.

She is very versatile in research planning, and has been interested in industrial relations concerning the national research system, with activities including patents and technology transfer.

She has shown excellent ability in planning research and being involved in activities affecting the national research system, ability demonstrated by the achievements during his career (Funding, publications, patents, association boards, journal boards)

Job-related skills

ACTIVITIES IN ACADEMIA:

- Professor, Adjunct, General Pathology, Department of Medicine and Surgery, University of Milan-Bicocca, Monza (MB) 2020 to date
- Expert for the Doctoral Course in Biotechnology, Biosciences and Surgical Technologies at the University of Insubria in Varese from 2010 to today
- Full Professor of General Pathology, Department of Medicine and Surgery, Milan-Bicocca University, Monza (MB) 2018-2019
- Professor for the Master of Science in Biomedical Sciences at the University of Insubria in Varese for the 2016/2017 academic year
- Professor for the Specialization Course in Oncological Pharmacy and Master Course (II ° level) in Oncology Pharmacy and Pharmacology at the State University of Milan from 2005 to today
- Adjunct Professor (on contract) at the Faculty of Science M.F.N., General Pathology Course, from 1999 to 2000.
- Adjunct professor (contract) at the Faculty of Science M.F.N., General Pathology Course, from 1998 to 1999
- Teaching support activities at the Faculty of Medicine and Surgery, Metastasis Biology Course 1996-1997
- Adjunct Professor (on contract) at the Faculty of Medicine, Oncology Course, 1995-1996

Dr. Albini has been supervisor and co-supervisor of numerous degree, doctoral and specialty theses

Scientific Tutor GPS Training Project: "Training of researchers expert in functional imaging techniques, genomics and proteomics applied to the development of innovative strategies for cancer diagnosis and therapy prevention" at MultiMedica

EXTRA-UNIVERSITY ACADEMIC ACTIVITIES

- Teacher of numerous courses, seminars and workshops
- "Chairman" or "Invited Speaker" of numerous Congresses and Workshops
- Director and/or organizer of numerous workshops and meetings
- Member, board member and president of Scientific Societies

EDITORIAL BOARD MEMBER OF THE FOLLOWING SCIENTIFIC JOURNALS

Journal of the National Cancer Institute
Cancer Prevention Research: Senior Editor
Carcinogenesis: Senior Editor role - inflammation, microenvironment and prevention
Molecular Cancer Therapeutics
Clinical & Experimental Metastasis

BOARD OF SCIENTIFIC FUNDING AGENCIES

Dr. Albini is scientific reviewer for ERC (European Research Council Executive Agency) Consolidator Grants, referee of AACR (American Association for Cancer Research) scientific awards and member of the Evaluation Committee for the ICREA (Catalan Institution for Research and Advanced Studies) Senior call.

She was a member of the AIRC (Italian Association for Cancer Research) Technical Scientific Committee.

PRESIDENT OF THE FOLLOWING SCIENTIFIC ASSOCIATIONS

- President of the Technical Scientific Committee of O.N.Da (National Observatory on Women's Health) 2013-2017
- President of the Italian Society of Cancer Research (SIC) 2007-2009
- President of Metastasis Research Society (MRS) 2002-2004

BOARD MEMBER OF THE FOLLOWING SCIENTIFIC ASSOCIATIONS

- Board of Directors of AACR (American Association for Cancer Research) since 2018
- Member of the Technical Health Committee for Health Research Section of the Ministry of Health since 2018
- Member of the Scientific Committee of ESO (European School of Oncology) since 2017
- Member of the IBSA Foundation for Scientific Research Advisory Board since 2017

- Member of the Technical Scientific Committee of O.N.Da (National Observatory on Women's Health) since 2017
- Member of the Scientific Committee of the Edo Tempia Fund for the fight against cancer
- Member of the Independent Evaluation Body (OIV) of the Anton Dohrn Zoological Station, since 2015
- Member of the Technical Scientific Committee of AIRC (Italian Association for Cancer Research) 2015-2017
- Member of the Board of Women in Cancer Research (WICR) 2006-2010
- Member of the board of the European Association for Cancer Research (EACR) 2007-2009
- Member of the Technical Scientific Committee of the Italian Association for Cancer Research (AIRC) 2004-2006

MEMBER OF THE FOLLOWING SCIENTIFIC ASSOCIATIONS

- American Association for Cancer Research (AACR)
- Italian Society of Cancerology (SIC)
- Italian Pathology Society (SIP)
- Metastasis Research Society (MRS)
- Women in Cancer Research (WICR)

TECHNICAL AND PATENT SKILLS AND COMPETENCES

Dr. Albini has devoted most of her scientific and teaching career to Experimental Oncology and Vascular Biology in the Biological, Biochemical and Molecular Biology sectors.

Her main fields of interest in Translational Research are:

- Development of new potential therapies
- Exploration of new potential biomarkers
- Collection of serum or pathological tissue samples
- Collaboration in the drafting of clinical studies
- Discussion and writing of papers

She deals with tumor microenvironment and angiogenesis, She has worked on new biological and gene transfer, and holds patents for new therapeutic approaches. She studies the molecular aspects of diet components for chronic-degenerative diseases prevention program. In the past, she has developed a model of "Metastasis in a test tube", used all over the world and the subject of a publication that has over 2000 citations in scientific journals, first published in cancer Research and then in Nature Protocols..

She has worked on receptors of the HIV virus and its HIV-tat regulatory protein with numerous publications on the topic of HIV, prestigious journals such as Nature Medicine and Proceedings of the National Academy of Sciences (PNAS).

Her interests have also focused on immunological defence mechanisms and microenvironment, with particular reference to more primitive defence systems (innate immunity). She contributed to the advancement of knowledge in this sector both by formulating new paradigms and identifying new functions. In particular, his studies investigated the role of innate immunity cells in tumour angiogenesis, including neutrophils and recently Natural Killer cells.

She deals with cardio-oncology, or the cardiovascular toxicity of antineoplastic drugs.

She has been dealing with Biobanks for several years and is the recipient of a grant of the Ministry of Health- "Creation and Harmonization of Biobanks within the network of Cardiovascular IRCCS"

Dr. Albini has over 350 publications with IF, has a Hirsch-h index of 89 (Scholar) and 75 (Scopus), is among the first most cited Italian scientists in the world –in biomedicine– and among the first 2 most cited Italian women in the field of cancer research.

She holds several patents for new therapeutic approaches.

N° ORCID AA: 0000-0002-9624-5103

Indice Bibliometrico

Da Google Scholar

Cited by	All	Since 2015
Citations	28233	7534
h-index	90	43
i10-index	287	174

Da Scopus:

Citations	20121
h-Index:	77

PATENTS

Patent applications as "Inventor":

- Patent for Inventor on behalf of an Industrial partner, Ares Serono Holding NV Title: HCG (chorionic gonadotropin) as an inhibitor of collagenase
- Patent Italian to name Zambon Group SpA entitled "Pharmaceutical Composition likely to inhibit the formation of tumor metastases";
- Patent "Peptides with chemiotattic activity and anti-HIV (3 subpatents) on behalf A. Albini
- Patent "Retroviral vectors encoded interferon beta gene therapy of Kaposi sarcoma"
- Patent "Retroviral vectors encoded interferon alpha gene therapy of Kaposi sarcoma";
- Patent "; active peptide Angiostatin"
- Patent "Substances having anti-inflammatory activity"
- Patent "Use of peptides in anti-angiogenic therapy related to cancer"
- Patent Number MI2013A000536 for Patent entitled:"Synthetic Analogues of Xanthohumol"-Year 2013
- Patent Number MI2013A001815 for Patent: "Olive mill waste water are antioxidant" - Year 2013

Other skills

FUNDING

Dr. Albini has received numerous funding from public bodies and non-profit associations (list available upon request)

Communication SKILLS

Communication and information:

Dr. Albini is registered as a science journalist since December 2004. (card n ° 121630)

Since February 1, 2020 she is Editor-in-chief of the English-language magazine "Cancerworld"

From May 2003 to January 2015 she collaborated with "Salute" di Repubblica

From November 2002 to February 2005 she collaborated regularly with "Il Secolo XIX"

From November 2003 to June 2004 she edited the Sunday scientific editorial of "Repubblica" in Genoa

She was a member of the Governing Council of UGIS (Union of Italian Scientific Journalists) in the three-year period 2014-2016.

Driving licence

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ADDITIONAL INFORMATION

RESEARCH ACTIVITIES ABROAD

Dr Albini spent a total of over 7 years abroad. Dr. Albini has done research at the Max-Plank Institute of Biochemistry, Martinsried bei München, Germany (1981-1984) as a Postdoctoral fellow and the National Institutes of Health, Bethesda, USA (1985-1988) as a Visiting Associate and later as a Visiting Scientist, first at the Laboratory of Developmental Biology and Anomalies, then at the Laboratory of Retinal Call and Molecular Biology, NEI, NIH, Bethesda, USA. She was three months at NIH in Fall of 1991.

AWARDS

1984: Winner of the 1984 International Award "Max-Buerger" of the German Society for Gerontology for best unpublished work on aging (Title of the work: Experiments on Aging in Dermal Fibroblasts)

1987: Winner of the Doerenkamp Zbinden/John's-Hopkins for research, for the development of the "Chemoinvasion Assay) University Award: "Alternatives to Animal Testing" for the development of a new in vitro assay for detection of invasive potential of tumor cells.

1996: Poster awards at the European Conference on Experimental AIDS Research (ECEAR), Cannes, France, 10-13 March 1996

2000: recipient of the Florence Women Award (Firenze Donna) for the sector of Scientific Research

2002: recipient of recognition in the final of the "Focus" award for invention in science

2004: recipient of "Amelia Earhart" Award (Zonta Club)

2007: winner of Berlucci Research Award

2010: winner of Ippocrate Award Section "Research"

2013: winner of the ITWIIN Award (2013 Edition) for High Education in Science (ITWIIN is the Italian Women Inventors and Innovators Network).

2014: winner "Donne che ce l'hanno fatta" (Women who made it) awarded by the Provincial Council of Brescia

2015: Special Recognition Award, EUWIIN International (EUWIIN is the European Union Women Inventors & Innovators Network)

2016: Recognition "TWIS"- Top Italian Women Scientists, Luigi Castagnetta Award in Oncology Research

2018: "Venetian of the year" Award for "the extraordinary scientific career in the field of cancer research and prevention", awarded by the "Settemari" Association

2019: "Sesto d'Oro" Civic Merit, awarded by the Mayor of Sesto San Giovanni (MI)

2020: Included by the BBC, the only Italian, among the 100 most influential and "inspiring" women of the year.

SPORT ACHIEVEMENTS

Prof Albini is fencing in the international Veteran Fencing Association

She obtained placement in several national and international competitions

2016 Italian Championship Silver Medal; épée

2015 European Silver Medal épée

2018 Worlds Bronze Medal épée

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