

Education and degrees:

1978; Graduation degree in Medicine with top grades and honors at Medical School, University Federico II of Naples (Italy)

Post-doctoral fellow:

From 1980-1982;

Department of Physiology and Specialized Cancer Research, Hershey Medical School, University of Pennsylvania

Employment and research experience:

1978/1980; University of Naples, Medical School, Department Biochemistry/ Fellow

1980/1982; Hershey School, University of Pennsylvania Hershey, PA USA/Post-doctoral fellow

1983/1984; Italian National Council of Research (CNR)/Fellow

1984/2000; Institute of Biochemistry of Macromolecules, University of Naples/Researcher

1989/1989; Department of Clinical Chemistry, University of Naples/Assistant

1989/1992; Department of Clinical Chemistry, University of Naples/ Vice-Director

1992/to present; Department of Clinical Chemistry, II University of Naples/ Vice-Director

2000/2012; Medical School, II University of Naples/ Associate Professor of Biochemistry

2012/to present; Medical School, II University of Naples/ Full Professor of Biochemistry

Teaching activities:

1978–to present: Professor of Biochemistry at the Medical School of Second University of Naples (Italy);

1991–to present: Professor of Molecular Biology and Genetics at the Clinical Chemistry School of Second University of Naples (Italy);

1991–1999: Professor of Genetics at the School of Igiene Nursing School of Second University of Naples (Italy);

1997–to present: Professor of Biochemistry at the Pediatrics School of Second University of Naples (Italy);

1997–1998: Professor of Biochemistry at the Laboratory Technician School of Second University of Naples (Italy);

1997–2001: Professor of Biochemistry at Nursing School of Second University of Naples (Italy);

1999–2001: Professor of Biochemistry at the Ostetrics School of Second University of Naples (Italy);

2002;to present: Professor of Biochemistry at Riabilitation School of Second University of Naples (Italy);

Editorial boards:

The Open Enzyme Inhibition Journal

Intrinsically Disordered Proteins

Helyon (Elsevier)

Reviewer for:

Blood; Cell Death and Differentiation; Molecular Cell Biology; Oncogene; British Journal of Haematology and Haematologica; Antioxidants and Redox Signals; Cancer Letters; Haematologica

Organization of Conferences

Scientific and Organizing Comittee of "1988 International Symposium on Polyamines in Biochemical and Organizing Comittee Clinical Research", Sorrento, 13-17 giugno, 1988

Scientific Committee of "Advances in Nutrition and Cancer", Naples, 1992
Scientific Committee of "Nutrition and Cancer, II International Conference", Naples, 20-23 ottobre, 1998

Editor

Editor of "Advances in Experimental Medicine and Biology" vol 348
Editor of "Advances in Experimental Medicine and Biology" vol 472
Editor of "Cancer Treatment and Research" vol 105

Principal participations to Meeting as Invited Speakers

1984 Budapest, Ungheria, "International Conference on Polyamines"
1985 Rimini, Italia, Simposio Internazionale sul tema "Biomedical Studies on Natural Polyamines"
1986 Ischia, Italia, "3rd International Conference on Human Tumor Markers"
1988 Sorrento, Italia, "Polyamines in Biochemistry and Clinical Research"
1989 Newport, Rhode Island, USA, "Gordon Research Conference on Polyamine"
1990 Alberè di Tenne, Trento, Italia, Simposio internazionale "Polyamines: Biological and Clinical Aspects"
1990 Taormina, Italia, Simposio su "Macromolecules in Biology"
1992 Napoli, Italia, "International Conference on Nutrition and Cancer"
1993 Meriden, New Hampshire, USA "Gordon Research Conference on Polyamines"
1995 Capri, Italia, "3th International conference on Laboratory Medicine and 2nd European Conference of Clinical Molecular Biology"
1996 Bari, Italia, "First Carso International Conference on Oncology Research Cell Growth and Oncogenesis"
1998 Napoli, Italia, "Nutrition and Cancer, II International Conference"
2001 Bari, Italia, "International Meeting on Genetics and Nutrition"
2002 Genova, Italia "Avances in Italian Neuroblastoma Research"
2006 Napoli, Italia, "Pharmacogenetics Tools in Pediatric Research"
2012 Napoli, Italia, "Nutrition and Cancer, III International Conference"

Financial supports

1996 – 1998; Grant from the Italian Institute of Health on "Tubercolosi".
1996; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).
1999; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).
2000; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).
1998-1999; Grant from the Italian Ministry of University and Scientific and Technologic Research, "Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale, PRIN"
2000; Grant from the Second University of Naples.
2000-2001; Grant from the Italian Ministry of University and Scientific and Technologic Research, "Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale, PRIN".
2001; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).
2002-2003; Grant from the Italian Ministry of University and Scientific and Technologic Research, "Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale, PRIN".

2002; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2003; Grant from the Second University of Naples.

2003; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2004; Grant from the Second University of Naples.

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2004-2005; Grant from the Italian Ministry of University and Scientific and Technologic Research, "Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale, PRIN".

2005; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2006; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2006-2007; National Responsible of a grant from the Italian Ministry of University and Scientific and Technologic Research, "Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale, PRIN".

2007; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2008; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2008; Grant from Regione Campania

2008; Grant from the Italian Ministry of Health on " Substances and treatments employed in the doping in sport activities.

2009-2011; National Responsible of a grant from the Italian Ministry of University and Scientific and Technologic Research, "Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale, PRIN".

2009; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2010; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2011; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2012; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2013; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

2015; Grant from Italian Association for Cancer Research "Associazione Italiana per la Ricerca sul Cancro, AIRC).

Scientific interests:

Cell division cycle regulation in normal and transformed cells

Effects of natural compounds on cell proliferation and differentiation

Mechanisms of transcriptional control of cyclin-dependent kinase inhibitors genes (p21 and p57)

Genetic alterations of pediatric tumors.

Alteration of FancD2 and FancA genes (Fanconi Disease)

Structural and functional alterations of erythrocyte band 3 and other red cell membrane proteins

Effects of natural compounds on the transduction pathways
Mechanism of post-synthetic control of p27Kip1 protein
Mechanism of control of p57Kip2 protein
Mechanisms of erythroid differentiation correlated to cell division cycle control
Biochemical mechanisms of Congenital polycythaemia.
Molecular mechanisms of the processes modulated by the oxygen pressure

Publications - Bibliometric index

Hirsh Index – 40 (Google Scholar)

Hirsh Index – 35 (Scopus)

Total Citations– >4000

i10-index - 93 (papers with more than 10 citations) (Google Scholar)