

Current position: Full Professor in Physiology from 2019.

Associate Professor in Physiology since 2001, at the Department of Molecular and Developmental Medicine, University of Siena. She has been a Staff Scientist/Assistant Professor in General Physiology from 1991 to 2001 at the same University. During her postdoctoral training (1986-1991) at the Department of Microbiology and Immunology of the University of Texas at Galveston, Texas, USA, she was involved mainly in studying the physiological role of cytokines. Back in Siena, she has been leading different projects dealing with the biological activities and the expression of several cytokines and, more recently, the cellular interactions and molecular networks associated with modifications of the extracellular microenvironment in the presence of genotoxic stress, coagulation, angiogenesis and hypoxia. She has been acting also scientific consultant for a US biotech, Chrysalis Biotechnology Inc., with regards to the pharmaceutical development of a thrombin derivative peptide, TP508, stimulating cellular events leading to angiogenesis, revascularization, and tissue repair. This drug has been recently approved by US Government to be tested for clinical trials in patients affected by COVID-19.

Her scientific activity resulted in publishing several articles and invited reviews in well recognized international journals. Indeed, she authored more than 200 scientific publications (more than 90 of them with peer review process and impact factor, more than 100 conference abstracts, 3 book chapters, etc) with about 2500 citations and an h-index = 27. In the last 10-years period, she authored 36 full papers (median IF >4) and in the last 5-years period the h-index is =19, with 36 papers having received at least 10 citations.

From 2010 she is "Review editor" for *Frontiers in Physiology (Vascular Physiology)*. She is "ad hoc reviewer" for *Journal of Immunology*, *Thrombosis and Haemostasis*, *Journal of Leukocyte Biology*, *Cancer Research*, *Journal of Cellular Physiology*, *American Journal of Respiratory and Critical Care Medicine*, *Journal of Thrombosis and Haemostasis*, *British Journal of Pharmacology*, *Cytokine*, *Clinical and Experimental Immunology*, *European Journal of Cancer*, *Carcinogenesis*, *Biochemical Journal*, *The International Journal of Biochemistry & Cell Biology*, *PLoS ONE*, etc. She is a referee for MIUR (VQR) and reviewer of a variety of National and International research projects.

She is member of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), the Italian Society of Physiology, the International Society for Cytokine Research and of the International Society of Cancer Microenvironment. She participated to several National and International Congresses either as Speaker or Invited Speaker. She has been involved in the organization of National and International congresses, and, with regards to SIICA, she organized several Workshops (at the Certosa di Pontignano, Siena), for a further education of young researchers in the field of angiogenesis and immunology.

From 2013 to 2019 she has been member of the International Relationship Committee of the University of Siena, as representative for the Biomedical Area.

From 2013 to 2018 she was also delegate for the Erasmus project (Erasmus plus for traineeship) and for the International Relationships of the Department of Molecular and Developmental Medicine.

She has been tutoring numerous student (undergraduate and graduate) for their thesis and, during her academic carrier she has been member of different Doctoral Schools, at University of Siena and Florence.

From 2014 to 2020 she has been the Coordinator of the Doctoral School in Molecular Medicine at the University of Siena along with the Universities of Florence and Pisa, with the cooperation of Regione Toscana ( Pegaso Project, International Doctoral Schools)

The degree of success of Prof. Naldini in Italian or international previous projects is well documented by the numerous research projects funded and by the related products (ex-post). These include a recent grant for a three year-period assigned in 2019 by MIUR, PRIN 2017.

Indeed, during the last 15 years she has been either Research Project Principal Investigator (PI) or Coordinator of research projects, funded exclusively upon competitive calls and peer reviewing.

Furthermore, the success degree of the coordinator is determined also by the fact that, thanks to the above funds, several young scientists have had the opportunity to improve their scientific knowledge and expertise: many of them are actually employed or in the University or in Biotechnology Companies, operating at national and international levels and present in Italy.