

**FEDERICA I WOLF, PhD**  
**Full Professor General Pathology**

*Address:*

Saint Camillus International University of Medicine and Health Sciences (Unicamillus), Via di Sant'Alessandro. 8 00132 Roma, Italy

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*Position and Studies:*

2021 Full Professor of General Pathology at Unicamillus

2000 Associate Professor of General Pathology, Catholic University School of Medicine Roma Italy

1986 Assistant Professor of General Pathology

1985-86 Post doctoral fellow at Michigan State University, Dept of Biochemistry, Lansing MI, USA

1982-83 Post doctoral fellow at University of Pennsylvania, Dept of Biochemistry and Biophysics, Philadelphia, PA, USA

1981, PhD in Pathology

1980, Specialization in General Pathology Catholic University

1977, BSC in Biology Università di Roma la Sapienza 110/110 with honors

*Bibliometric data:*

Total of 235 publications, of which:

- 103 on International peer review Journals (PubMed and Scopus)
  - Author's position:
    - First author 34%
    - Last author 25%
    - Corresponding author 31%
  - Monographies N°10
- IF (2021): total 344,289; mean 3.783**  
**Total citations 3834, H-Index 33** (Scopus 2022)

*Academic duties:*

2021-2022 Rector's Delegate for Research Unicamillus

2017-2020 Rector's delegate to the founding committee of "Campus Medicus", University Stafan Vichinsky, Warsaw - Poland

2006 - 2021: Faculty Coordinator for International exchange programs UCSC

2010-2018: AP representative at the University Council, and Senate UCSC

2016-2017: President of the Committee for BSC course in Health Biotechnology UCSC

2015-2021: Director of Master courses in Psycho-oncology and PNEI (Psicho-neuro-endocrino-immunology) held at UCSC and parallel courses in Siracusa and Treviso.

*Teaching Assignments:*

Pathology course at Medicine and Dentistry Courses, 2<sup>nd</sup> year at Unicamillus

Biopathology course in English Medicine and Surgery course, 3<sup>rd</sup> year at UCSC

Pathology course in Italian Medical School 2<sup>nd</sup> and 3<sup>rd</sup> year

Methodology of Research in Medical school 2<sup>nd</sup> and 3<sup>rd</sup> year

Pathology in Biotechnology course (bachelor and master) 2<sup>nd</sup> year

Pathology in several Health Professional courses

Oncology and Molecular Oncology in Specialization Schools in Oncology and Clinical Pathology and Radiotherapy.

*International experiences*

2022-2025 External evaluator of the IDEALiTER project, Erasmus+ program “Strategic partnerships for higher education”, 2022-1-FR01-KA220-HED-000086662

2018 September, Visiting Scientists at Laboratory of cellular and molecular physiology, University of Picardie, Amien, France

2012 visiting Professor at the University of Granada, teaching research skills

2012 visiting professor at the Tbilisi Medical University, in the frame of MUMEENA European project

1982-1985 NATO Post-doctoral fellow at Michigan State University, Dept of Biochemistry, Lansing MI, and at University of Pennsylvania Dept of Biochemistry and Biophysics, Philadelphia, PA

*Research Activities:*

Magnesium in IBD, interplay with microbiota

Magnesium transporters in cancer and genetic diseases

Magnesium homeostasis in normal and tumor cells.

Oxidative stress and oxidative markers in aging.

Exploiting new magnesium probes for detection of intracellular magnesium

Detection of magnesium balance by stable isotopes

Pathological mechanisms of very low frequency electromagnetic fields.

Calcium sensing receptors in Parathyroid cells

Calcium and magnesium homeostasis in tumour cells.

*Scientific Grants:*

Institutional grants on “Diet determinants of healthy ageing”(PI), “Role of microbiota and diet on the mechanisms of age-associated sarcopenia”.

Annual research grants by the University and MIUR the Italian Ministry of Education and Research.

Tavola Valdese 8PM research grant

PI of the 3 years national grant PRIN “New advanced strategies for detecting cell magnesium”

NATO collaborative grant with France and Poland

Galileo project with INRA Clermont-Ferrand, France

Several national projects by MIUR the Italian Ministry of Education and Research on “Biology of Ageing in a caloric restriction animal model” (local PI).

*Editorial activities:*

2019-2022 Section Editor in Chief of Nutrients (MDPI) “Microelements in human Health”

2016-2022 Co-Editor in Chief of the Journal “Magnesium Research” John Libbey Eurotext Ed.

2014-2016 Review Editor of the Journal “Magnesium Research” John Libbey Eurotext Ed.

2000 Editorial Board of Magnesium Research

2003 Invited Editor of Molecular medicine: Magnesium, from Biochemistry and Cell Physiology to Clinical Implications, Pergamon press.

Ad hoc reviewer for many Scientific Journals

*Other positions:*

2016-2022 President and Scientific Committee of the XIV, XV and XVI International Magnesium Symposium, held in Rome-Italy, NIH Bethesda-MD-USA and Glasgow-UK, respectively

2013 Honorary President of the XIII International Magnesium Symposium, Merida Mexico

2011 President and Scientific committee of the Euromag Bologna, Italy

2008 Vice-chairman of the Gordon Research Conference on “Magnesium in Biology and Medicine”, Ventura CA, USA

Invited speakers and plenary lecturers at many international meetings.