

Curriculum Vitae et Studiorum *Prof. Pier Paolo Piccaluga*

Personal Information

Pier Paolo Piccaluga, Born in Bologna, on February 5th 1973

Permanent address: via Bellacosta 14, 40137, Bologna, Italy

Phone: +39-051-2144043 (office)
+39-334-6113926 (mobile)



E-mail: pierpaolo.piccaluga@unibo.it; pierpaolo.piccaluga@gmail.com; pierpaolo.piccaluga@postecert.it

Web of Science ResearcherID: H-7132-2019

ORCID iD: 0000-0002-9432-0595

Work experience

2012 - present - Associate Professor of Pathology, MED/08, Biobank of Research & Institute of Hematology and Medical Oncology Seràgnoli, IRCCS Azienda Ospedaliero-Universitaria di Bologna - Department of Experimental, Diagnostic and Specialty Medicine – University of Bologna, Bologna, Italy

- PI, Precision Medicine - Genomic and Digital Pathology Research Group
- Main clinical interest: leukemias, lymphomas, multiple myeloma, MDS and MPN, rare hematological malignancies

From 2006 Executive Physician, Institute of Hematology and Medical Oncology “L. and A. Seràgnoli” Unit, S. Orsola Malpighi Hospital – PI of Molecular Diagnostic Laboratory

From 2022, Executive Physician, Research Biobank, IRCCS S. Orsola Malpighi Academic Hospital

2020 – present – Adjunct Professor, Botswana University, Gaborone (Botswana)

2019 – present – Visiting Professor, Nairobi University, Nairobi (Kenya)

2018 - present - Adjunct Professor of Hematology and Pathology at Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya

- Teaching at Medical School (100%)

2018-present – Temporary Professor, Queen Mary University of London, London, UK, Joint Program with Nanchang University

2017-present - Member of the Scientific Committee, Euro-Mediterranean Institute of Science and Technology (IEMEST), Palermo, Italy

2014-present: National Academic Qualification as Full Professor of Pathology

2019-present: National Academic Qualification as Full Professor of Hematology/Oncology/Rheumatology as well as of Science of Medical Professionals and Medical Technologies.

2006-2012: Lecturer/Assistant Professor of Pathology, MED/08

- Teaching at Medical School (33%), Research (33%), Clinical duties (34%)

2006-2015: Executive physician, Institute of hematology and Medical Oncology, Bologna University, S. Orsola Malpighi Hospital, Bologna, Italy

- PI for a molecular diagnostics

2009: Invited Visiting Scientist, Institut für Pathologie, Universität di Kiel, Germany. Revision of Professor Karl Lennert personal archive including about 10,000 hematopathological cases.

2017: Invited Visiting Physician, Nairobi Hospital and Kenyatta Hospital, Nairobi University Clinical Oncohematology Unit (clinical cases discussion and teaching)

Education and Training

2018: Oil and Gas UK Doctors' training workshop

2014-2016: National 3-years course on Stem cell Transplantation (GITMO)

2014: Specialty in Pathology, with honors; Siena University

2008: Visiting Scientist; Center for Computational Biology and Bioinformatics, Columbia University Medical Center (New York, USA) - Training on bioinformatic tools for genomic analyses

2005-2006: Research fellowship, Bologna University - Research program on "drug resistance in lymphoid malignancies".

2005: Ph.D in Clinical and Experimental Haematology, Bologna University - Research program on “Molecular therapy of haematological malignancies”.

2004-2005: Postdoctoral Research Fellowship; Institute for Cancer Genetics, Columbia University, New York, USA - Research program on “Molecular pathogenesis of lymphomas”

2001: Specialty in Haematology, with honors; Bologna University

1997: Degree in Medicine and Surgery, with honors and the assignment of the tribute "Right of Publication"; Bologna University

Professional skills

- √ *Clinical and Laboratory Hematology*
- √ *Hematopathology*
- √ *Molecular diagnostics*
- √ *Leadership (ability to coordinate a team of 10 people in both research and clinics)*

Major Achievements

- √ Significant contribution to the definition of peripheral T-cell lymphomas molecular pathogenesis
- √ Significant contribution to the definition of Burkitt lymphoma pathogenesis and EBV impact on Burkitt lymphoma development
- √ Identification of molecular signatures predictive of treatment response in patients affected by acute leukemias
- √ Development of novel molecular diagnostic tools (3 currently patented)
- √ Set up of new laboratories for molecular diagnostic and research
- √ Selected for Top Italian Scientist ranking
- √ Development of European guidelines for acute lymphoid leukemia diagnosis and treatment

Bibliometric indexes

Author of several international publications indexed in the Current Contents (242 publications quoted in PubMed, including *Nature Medicine*, *Journal of Clinical Investigation*, *Journal of Experimental Medicine*, *Journal of Clinical Oncology*, *Blood*, *Lancet Oncology*, *e Lancet Infectious Disease*; total impact factor >1,000; mean impact factor >6 - <http://www.ncbi.nlm.nih.gov/sites/entrez>; Piccaluga P). H-index: 60 (Ranked among the Top Italian Scientist list - http://www.topitalianscientists.org/Top_italian_scientists_VIA-Academy.aspx).

Current interests and objectives

- √ Definition of viral contribution to human lymphoma pathogenesis
- √ Development of novel tools for molecular diagnostics
- √ Development of a telemedicine service serving several African hospitals
- √ Novel treatments for hematological malignancies

National and International Collaborations

- √ Alexandria University, Egypt
- √ Torbat Heydariyeh University of Medical Sciences, Torbat Heydariyeh, Iran
- √ Siena University
- √ Istituto Nazionale Tumori, Università di Milano
- √ Verona University
- √ San Salvatore Hospital, Pesaro
- √ Ohio University, Columbus (USA)
- √ Cornell University New York (USA) Harvard University, Boston (USA)
- √ Columbia University, New York (USA)
- √ Nebraska University (USA)
- √ Queen's Mary University, London, (UK)
- √ University of Nairobi (Kenya)
- √ University of Botswana (Botswana)
- √ Nanchang University (China)

Other information

- √ Author of several presentations at national and international conferences.
- √ Involved in several clinical trials as coordinator or sub-investigator.
- √ Winner of several prizes for study and research.
- √ Involved/PI in several research project granted by national and international recognized organisms.
- √ Invited referee for several Journals indexed in the Current Contents.

- √ *Editor in Chief*: World Journal of Hematology, Digital Medicine and Healthcare Technology, Advances in Precision Medicine. *Clinical Research Advisory Board Member*, Heliyon; *Associate Editor for*: American Journal of Blood Research, Case reports in Medicine, Frontiers in Molecular Biosciences, Journal of Torbat Heydariyeh University of Medical Sciences; *Academic Editor*: International Journal of Clinical Practice. *Editorial Board Member*: Exploration of Targeted Anti-tumor Therapy, Journal of Cancer Metastasis and Treatment.
- √ Already member of the following societies: SIE, SIES, ASH, AACR, SIAPEC/IAP, EHA, ELN/EWALL, FIL.

Bologna, 01/02/2024

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