



FRANCO LOCATELLI

 Catholic University of the Sacred Heart, Bambino Gesù Children's Hospital, Rome, Italy

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Sex M | Date of birth 03/07/1960 | Nationality Italy

FISCAL CODE LCTFNC60L03A794E

WORK EXPERIENCE

Since May 2022

Appointed Full Professor of Paediatrics

Catholic University of the Sacred Heart
University

Since November 2018 – April 2022

Appointed Full Professor of Paediatrics

Department of Paediatrics, Sapienza, University of Rome, Italy
University

Since February 2010

Appointed Director of the Department of Haematology, Oncology and Gene and Cell Therapy

IRCCS Ospedale Pediatrico Bambino Gesù, Roma, Italy
Hospital

May 2007 – November 2018

Appointed Full Professor of Paediatrics

Department of Paediatrics, University of Pavia, Italy
University

December 2005

Appointed Associate Professor of Paediatrics

Department of Paediatrics, University of Pavia, Italy
University

September 2000 – February 2010

Director of the Paediatric Haematology and Oncology Department

IRCCS Policlinico San Matteo, Pavia, Italy

Hospital

November 1997 - September 2000

Associate Member Department of Paediatrics

IRCCS Policlinico San Matteo, Pavia, Italy

Hospital

December 1991

Coordinator of the Bone Marrow Transplant Unit

Department of Paediatrics, University of Pavia, Italy

University Hospital

December 1991

Appointed Assistant Professor of Paediatrics

Department of Paediatrics, University of Pavia, Italy

University

1990-1994

Fellowship in Haematology

Department of Internal Medicine, University of Pavia, Italy

1990

Fellow

Leukaemia Unit; Royal Postgraduate Medical School,
Hammersmith Hospital, London

1986-1990

Fellowship in Paediatrics

Department of Paediatrics, University of Pavia, Italy

Hospital

EDUCATION AND TRAINING

July 1994

Specialization in Haematology

University of Pavia

Pavia Italy

May 1990

Specialization in Paediatrics

Pediatric Sciences

University of Pavia

Pavia Italy

January-April 1990

Honorary Clinical Visitor

Hematology

Leukaemia Unit, Royal Postgraduate Medical School, Hammersmith Hospital
London

1979-1985 Medical Degree

Medicine and Surgery

University of Pavia, Pavia Italy

Final grade 110/110 with honors; Cum laude

ADDITIONAL INFORMATION

Technical skills and competences

- Paediatric Haematology
- Paediatric Oncology
- Haematopoietic Stem Cell Transplantation
- Thalassemia and Sickle Cell Disease
- Gene Therapy and Genome Editing
- Immunotherapy
- He is the author or co-author of **1.498 peer-reviewed articles** published in international journals (including New England Journal of Medicine, JAMA, Nature, Nature Genetics, Nature Communications, The Lancet, Lancet Haematology, Lancet Oncology, Lancet Respiratory Medicine, Journal of Clinical Oncology, Journal of Experimental Medicine, Blood, Cancer Research, Clinical Cancer Research, Leukemia, etc.) with **more than 80.000 citations** and he has an **H-index of 135 (Scopus source)**.
- Prof. Locatelli has been an Associate Editor of the British Journal of Hematology, Bone Marrow Transplantation and of Haematologica; a reviewer of the following Journals: New England Journal of Medicine, The Lancet, Nature Medicine, Nature, Nature Immunology, Journal of Clinical Oncology, Cancer Research, Blood, Leukaemia, British Journal of Hematology, Haematologica, Bone Marrow Transplantation, Paediatric Blood and Cancer, Leukemia and Stem Cells.
- In the last 10 years, Prof. Locatelli has been the recipient of 37 different Investigator Grants from European Union, Italian agencies, AIRC, Telethon, etc. He recently won the Fondo Italiano per la Scienza (FIS) grant application.
- Prof. Locatelli is an expert of haematological malignancies and coordinates the national protocol for children with newly diagnosed acute myeloid leukemia (AML) and relapsed acute lymphoblastic leukemia (ALL). He leads the largest programme of childhood allogeneic haematopoietic stem cell transplantation in Europe and has made important contributions to the field of allogeneic haematopoietic stem cell transplantation. His current main fields of translational research are bi-specific T-cell engagers, CAR T cells, T cells genetically modified with a suicide gene to accelerate immune recovery after T-cell depleted HSCT, gene therapy and genome editing for hemoglobinopathies or rare metabolic disorders. Professor Locatelli implemented the first-in-human academic study

Honours, awards, and other recognitions

in Italy on children with CD19+ ALL using a second-generation retroviral chimeric antigen receptor (CAR) T cells. He also initiated the first trial with third-generation CAR T cells in children with the most common extracranial solid tumour of childhood (i.e. neuroblastoma). He has pioneered the use of CAR T cells in B-cell mediated childhood autoimmune disorders. Professor Locatelli is also involved in the development and validation of approaches of gene therapy and genome editing in patients with transfusion-dependent thalassemia and sickle cell disease.

- Since 1989: Member of the European Blood and Marrow Transplantation Group.
- Since 1993: Member of the American Society of Haematology.
- Since 1994: Member of the European Working Group on Myelodysplastic Syndrome.
- Since 1995: Member of the Italian Association of Paediatric Haematology and Oncology (AIEOP).
- 1996 – 1998: Chairman of the Bone Marrow Transplantation Group of the Italian Association of Paediatric Haematology and Oncology (AIEOP-TMO).
- June 1998: Recipient of the “Rosa and Carlo D’Angio” award.
- Member of the Board of the Italian Association of Paediatric Haematology and Oncology (AIEOP).
- June 2002 - October 2004: Vice-President of the Italian Association of Paediatric Haematology and Oncology (AIEOP).
- October 2004 – October 2006: President of the Italian Association of Paediatric Haematology and Oncology (AIEOP).
- April 2005: Gold Medal for merit in public health nominated by the President of the Italian Republic.
- June 2008: Member of the German National Academy of Sciences Leopoldina
- Since February 2019 until April 2025: President of Higher Council of Health (Consiglio Superiore di Sanità).
- December 2021: nominated 1st Class/Knight Grand Cross (Cavaliere di Gran Croce) by the President of the Italian Republic.
- March 2021- March 2022: coordinator of the National Technical-Scientific Committee for the COVID-19 pandemic.
- Honorary Doctorate, University of Brescia, October 2022.
- Honorary Doctorate, University of Messina, July 2023.
- Honoris Causa Degree in Medicine Biotechnology, University of Modena and Reggio Emilia, March 2025.
- Pericles Annual Prize June 2026.

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