



Flora Peyvandi, MD, PhD

Biography

Area of Expertise: Internal Medicine, **Hematology, CHMP Expert, Hemophilia**

Area(s) of Interest: **Hemostasis, Thrombophilia, Coagulation**

Director of Angelo Bianchi Bonomi, Hemophilia and Thrombosis Center, Fondazione IRCCS Ca' Granda, Ospedale Maggiore Policlinico, University of Milan, Milan, Italy

Flora Peyvandi, MD, PhD is full professor at the University of Milan in Italy. She is the Director of Internal Medicine – Hemostasis and Thrombosis Unit of the IRCCS Maggiore Hospital and Director of the Angelo Bianchi Bonomi, Hemophilia and Thrombosis Center of Milan in Italy. Her research has been focused on the investigation of molecular mechanisms of coagulation disorders and on the immunogenicity of coagulation products. Dr. Peyvandi is board certified in hematology in Italy and UK.

EMA/Advisory Committee Experience

07/06/2019: European Symposium Optimal Treatment of Haemophilia, Wildbad Kreuth Initiative V (EDQM, EP, PEI, University Munich)

08/06/2018: EMA Haemophilia Registries Workshop

08/02/2017: Presentation on Factor VIII Art.31 referral to PRAC

28/11/2016: Ad hoc expert group (SAG) for the treatment of haemophilia A and haemophilia B

02/07/2015: EMA Haemophilia Registries Workshop

29/11/2013: EMA-EDQM workshop on potency assays

Nov 2013: inclusion in the EMA experts database team

Professional Highlights

IRCCS Maggiore Hospital, Milan, Italy

Jun 2017 – present: Director of the Unit of Internal Medicine - Hemostasis and Thrombosis (U.O.C di Medicina Generale – Emostasi e Trombosi)

Nov 2010 – present: Director of the Angelo Bianchi Bonomi Hemophilia and Thrombosis Center

Jun 2017 – present: Member of the Board of Directors, Co-chair of the Board of the Internal Medicine Department and Member of the Scientific and Technical Committee

Nov 2013- June 2017: Director of the Unit of Non Tumoral Haematology and Coagulopathies (U.O.C di Ematologia Non Tumorale e Coagulopatie)

Dec 2010 – Oct 2013: Director, Unità Operativa Semplice Dipartimentale for diagnosis and treatment of coagulopathy

University of Milan, Milan, Italy

2019 – present: Member of the teaching staff of the International Medical School

Mar 2018 – present: Member of the teaching staff and of the managing council of the Post-graduate school in Translational Medicine

Dec 2017 – present: Member of “L'Osservatorio della Ricerca”, University of Milan

Apr 2017 – present: Member of the teaching staff and of the managing council of the Post-graduate school in Molecular and Translational Medicine

Feb 2017 – present: Vice-Director, Department of Pathophysiology and Transplantation

Apr 2016 – present: Full Professor of Internal Medicine, Department of Pathophysiology and Transplantation, University of Milan, Milan, Italy

Nov 2012 – present: Coordinator of Master of Arts course in Clinical Research

2005 – present: teaching activities at: Courses on i) Medical Clinic, ii) Medical Therapy, and iii) Internal Medicine at Post-graduate School in Internal Medicine, IRCCS Maggiore Hospital, University of Milan, Milan – Italy; Courses on i) Molecular Biology applied to Hematology, ii) Methods and Notions in Haemostasis, iii) Methods and Notions in Immunology, iv) Clinic and Therapy of hemostasis disorders, and v) Internal Medicine at Post-graduate School of Hematology, IRCCS Maggiore Hospital, University of Milan, Milan – Italy; Courses on i) Medical Clinic, ii) Medical Therapy, at School of Medicine, IRCCS Maggiore Hospital, University of Milan, Milan – Italy; Courses on i) Biotechnological diagnostics, and ii) Cellular and Molecular Therapy at First degree course in Medical Biotechnologies and Molecular Medicine, University of Milan, Milan – Italy

2005-2016: Associate Professorship of Internal Medicine at the University of Milan, Italy

Others

2011-2016: Visiting Professor of University College London (UCL), (UCLH and Royal Free Hospital (RFH), Haemostasis Research Unit, Department of Haematology, UCL, London-UK

2009-2011: Professorial Research Associate of University College London (UCL), (UCLH and Royal Free Hospital (RFH), Haemostasis Research Unit, Department of Haematology, UCL, London-UK

2016 – present: Board Member for the evaluation of the National Scientific Qualification, Italian Ministry of Education, University and Research (MIUR)

2013-2016: Member of the Executive Committee of the Italian national Board of University professors in Internal Medicine (COLMED/09)

Professional Memberships

International Society of Thrombosis and Haemostasis (ISTH)

2018 – present: Chairman of the Education and Outreach Committee

2018 – present: Member of the Executive Committee

2016 – present: Elected member of the ISTH Council

2010 –2014: Chair of the of the Scientific and Standardization Committee on Factor VIII, Factor IX & Rare Coagulation Disorders

World Federation of Hemophilia (WFH)

2018 – present: Member of the VWD & Rare Bleeding Disorders Committee

2016 – present: Chair of the Education Advisory Committee, Member of the Humanitarian Aid Committee, Member of the Treatment Product Safety, Supply and Access (TPSSA) Committee

2014 – present: Member of the Board of Directors and of the Medical Advisory Board

2012 – 2018: Chair of the VWD & Rare Bleeding Disorders Committee

2012 –2015: Member of the International Hemophilia Training Centre (IHTC) Committee

European Association for Haemophilia and Allied Disorders (EAHAD)

2018 – present: Vice-President

2015 – present: Member of the Executive Committee

European Haemophilia Consortium (EHC)

2019 – present: Chairperson of the Medical Advisory Group

2012 – 2019: Member of the Medical Advisory Group

Others

Italian Ministry of Health: Member of the Technical Health Committee – Health Research Section;
2018 – present.

European Congress on Thrombosis and Haemostasis (ECTH): Member of the Board of the Foundation; 2015 – present
American Society of Hematology (ASH): Member of the Awards Committee; 2015 – 2017.

Research/Clinical Interests

Major research fields include clinical and laboratory aspects of hereditary coagulation disorders (thrombophilia and hemophilia), genotype and phenotype characterization of patients affected with rare coagulation disorders and von Willebrand disease, biochemical characterization of mutant recombinant proteins causing coagulation disorders, development of new techniques for prenatal diagnosis in early stage of pregnancy in women carriers of hemophilia or affected by one of the other rare coagulation disorders, gene mutation, transcription, translation and transport analysis of FVIII in hemophilic patients with inhibitors, as well as research on molecular and immunological aspects of patients affected by autoimmune thrombotic thrombocytopenic purpura. She is further involved in the implementation of International on-line databases for the collection of clinical, laboratory and therapeutic data related to patients affected with rare bleeding disorders (RBDs: fibrinogen deficiency, Factor (F) II, FV, FVII, FV+FVIII, FX, FXI and FXIII; www.rbdd.org) and with thrombotic thrombocytopenic purpura (www.ttpdatabase.org). One of the more recent interests is the study of the genetic predisposition to thrombotic and haemorrhagic disorders (myocardial infarction, deep vein thrombosis and haemophilia) through next-generation DNA sequencing. Finally, she coordinates observational and interventional clinical studies of each stage of development of new therapeutic agents and gene therapy approaches (phase I, II, III, IV).

Editorial Positions

Editorial Board, *Journal of Thrombosis and Haemostasis* (JTH)

Editorial Board, *Orphanet Journal of Rare diseases* (OJRD)

Publications and project grants

She has authored and co-authored more than 435 scientific publications published in peer-reviewed national and international journals (Scopus H Index: 57) as well as author of 21 chapters in book; she has been an invited expert speaker at more than 155 national and international meetings and congresses and she has received over 40 grants funded by National and International organisations.

Education/ Postdoctoral Training

2012: General Medical Council, London, UK N° 6095693 - Registration as haematologist specialist in UK without licence to practice

2001: Research Doctorate, Phenotype and Genotype Characterization of Rare Bleeding Disorders, University of Milan, Italy

2000: PhD, Hematology, Rare Bleeding Disorders University of Maastricht, The Netherlands

1998-2000: Research Fellow, Veteran Administration Hospital, Roxbury, Harvard, University, Boston USA (Expression of the factor VII mutations through mutagenic models)

1996-1998: Research Fellow, Katharine Dormandy Haemophilia Centre & Haemostasis Unit, Royal Free Hospital, London, UK

1996: Board certified, Hematology, Italy

1992-1996: Haematology Fellow, IRCCS Maggiore Hospital, University of Milan, Italy

1991-1992: Resident in Medicine, San Paolo Hospital, University of Milan, Italy

1991: MD, University of Milan, 1991