

Paola Guglielmelli, MD, PhD

Personal data

Date and place of birth: 27/06/1976, Pistoia (Italy)
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Education

2003: University of Florence, MD degree 110/110 magna cum laude, with a thesis on a haematological subject.
2003-2004: Fellow in the Laboratory for the study of Myeloproliferative Disorders, Hematology Department, University of Florence under the supervision of Professor AM. Vannucchi, working in the field of chronic myeloproliferative neoplasm (MPNs), both clinical and experimental projects
2004-2007: Fellow in the Postgraduate School of Hematology, University of Florence
2007: Specialty degree in Hematology, magna cum laude, discussing a thesis on myeloproliferative disorders subject.
2008: Post-doctoral School in Clinical and Experimental Oncology, University of Florence (three years duration)
2011: Researcher scientist in Hematology, University of Florence (three years duration)

Clinical/Research experience

2007: visiting Scientist, INSERM U790, Institute Gustave Roussy (director Dr. William Vainchenker), Villejuif, Parigi.
2007: visiting Scientist, INSERM 602, Institut André Lwoff Université Paris XI Hôpital Paul Brousse (director Dr. Marie-Caroline Le Bousse-Kerdilès), Villejuif, Parigi.
2010: visiting Scientist, National Genetics Reference Laboratory (Wessex), Salisbury NHS Foundation Trust (Director Professor NCP Cross), Salisbury Wiltshire, UK

Grant/Awards

- 2006: EC Scholarship for the Second ESH Euroconference on Myeloproliferative disorders: molecular pathogenesis and therapy; IX Congresso Nazionale Società Italiana di Ematologia Sperimentale (SIES) Travel Grant
- 2007: 12° Congress of the European Hematology Association Travel Grant ; Recipient of the grant "Stage di Formazione in oncologia" promoted by Istituto Tumori Toscano (ITT) for the mobility of researchers.
- 2008: X Congresso Nazionale Società Italiana di Ematologia Sperimentale (SIES) Travel Grant
- 2009: 51st Annual Meeting of the American Society of Hematology, ASH Travel Award
- 2010: EC Scholarship per il "ESH myeloproliferative Neoplasms", Albufeira Portogallo, 30 Settembre-20 Ottobre 2010; Recipient of the grant promoted from Società Italiana di Ematologia Sperimentale (SIES) for a project titled " Role of microRNA-16 in the pathogenesis of myeloproliferative neoplasms"

Clinical/research activities

- 2004---: local data-manager for the RIMM (Registro Italiano della Mielofibrosi con Metaplasia Mieloide).
- 2007--- : co-investigator in MPD Research Consortium Protocols and SHIRE trials.
- 2008--- : co-investigator in several JAK2-inhibitors phase I/II and III trials in myelofibrosis, polycythemia vera and essential thrombocythemia ;co-investigator in phase 1b to assess safety and pharmacokinetics of experimental drugs in primary myelofibrosis; co-investigator in a phase III trial to compare efficacy and safety of Pomalidomide in myelofibrosis.

Technical skills and competences

My main scientific interests concern experimental and clinical issues of Myeloproliferative Neoplasms (MPNs). I'm working on the molecular characterization of the coding mRNA and microRNA expression profile in hematopoietic cells of patients with MPNs and in epigenetics mechanisms underlying these disorders. I have been also involved in the study of a novel animal model of myelofibrosis. Furthermore, I strongly committed to clinical work, having in routine charge patients with MPNs and being involved in epidemiologic studies and in clinical protocols with novel drugs. Author of 74 publications on international scientific journals (ISI h-index=26, G-index=48, mean Total Impact Factors = 594.943, Mean IF = 9.251), chapters of Books and proceedings of international conferences.