

Francesca Perutelli

Personal Details

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Education and Training:

November 2019 – Present: Hematology fellow, Department of Molecular Biotechnology and Health Sciences, University of Torino & Division of Hematology, A.O. Città della Salute e della Scienza di Torino, Ospedale Molinette

January 2019 – March 2019: Short Term Scientific Mission (STSM) through COST Programme Action EUROGRAFT (CA17138) at Hematological Sciences, Newcastle University, Newcastle upon Tyne, UK

- STSM supervised by Professor Anne Dickinson and Dr Rachel Crossland
- Performed a literature review and survey about the molecular markers that are demonstrated to be predictors of chronic Graft versus Host Disease to date
- Joined the article “Review of genetic variation as a predictive biomarker for chronic Graft-versus-Host-Disease after allogeneic stem cell transplantation” submitted on *Frontiers of Immunology* with other COST members

January 2019 – March 2019: Clinical Observer at the department of Hematology, Freeman Hospital, Newcastle upon Tyne, UK

- Supervised by Dr Amy Publicover
- Attended Bone Marrow Transplant clinics

February 2018: Qualified as full doctor, University of Pisa, Pisa, Italy

2011-2017: Medicine and Surgery, University of Pisa, Italy

- Graduated with distinction, 110/110 et laude
- Dissertation supervised by Professor Mario Petrini and Professor Sara Galimberti
- Dissertation title: “New molecular targets of tyrosine kinase inhibitors in chronic myeloid leukemia: the Athena study”
- During this period:
 - Internship at the Department of Haematology directed by Professor Mario Petrini, University of Pisa
 - Internship in MomiLab (Molecular Mind LABORatory), Laboratory of Clinical Biochemistry and Molecular Biology directed by Professor Pietro Pietrini, University of Pisa
 - Member of the Neuroanatomy Journal Club, directed by Professor Francesco Fornai

July 2016 - November 2016:

- Medical elective placement at Imperial College Healthcare NHS Trust at Hammersmith Hospital, Imperial College, London (UK). Supervised by Dr Lydia Eccersley.
- Medical elective placement at the Northern Centre for Cancer Care, Freeman Hospital, Newcastle University, Newcastle upon Tyne (UK). Supervised by Prof Matthew Collins.
- Winner of the grant “Bando Consortium” of the University of Pisa to participate in a traineeship at the Institute of Cellular Medicine, Hematological Sciences, Newcastle University, Newcastle upon Tyne (UK). Supervised by Prof Anne Dickinson.

July 2013: Anatomy Dissection Program “Professor Giovanni Mazzotti Italian – American Conference on Human Anatomy, Research and Healthcare Professions”, D’Youville College, Buffalo, NY (USA)

- Selected among the best students of the year for participating in this program
- The Mazzotti conference was organized by the Math and Natural Sciences Department at D’Youville College under the supervision of Dr Marion P. Olivieri, chair of the Math and Natural Sciences Department
- Over 100 hours of gross anatomy laboratory

2006-2011: Liceo Classico “G.Galilei”, Pisa: Diploma of Maturità Classica

- Graduated with distinction, 100/100

2010: Summer school “Scuola di orientamento universitario” organized by Scuola Normale Superiore of Pisa, Colle Val D’Elsa, Italy

- Selected among the best Italian student of the year to attend this summer school.
- University orientation courses, which include lectures by university professors, seminars and other study meetings.

Publications

Galimberti, S., Grassi, S., Baratè, C., Guerrini, F., Ciabatti, E., Perutelli, F., ... Mattii, L. (2018). **The Polycomb BMI1 Protein Is Co-expressed With CD26+ in Leukemic Stem Cells of Chronic Myeloid Leukemia.** *Frontiers in Oncology*. <https://doi.org/10.3389/fonc.2018.00555>

Posters and Abstracts

2019:

- **24rd Congress of the European Hematology Association published in EHA24 Abstract Book, EHA Learning Center. annual congress E. May 16, 2019; 268146**
 - An uncommon case of secondary myelofibrosis relapsing as myeloid sarcoma

2018:

- **XV Congress Of The Italian Society Of Experimental Hematology, Rimini, Italy, October 18-20, 2018, published in Abstract book, Haematologica, Oct 2018, 103 (s3) S1-S129.**
 - WT1 gene expression as predictive and prognostic marker in chronic myeloid leukemia (Accepted as a poster)
 - BMI1 is co-expressed with BCR-ABL1: the experience of the confocal microscope
- **23rd Congress of the European Hematology Association published in EHA23 Abstract Book, EHA Learning Center. annual congress E. Jun 11, 2018; 219320:**
 - Altered expression of JAK-STAT pathway as possible predictive marker in patients with chronic myeloid leukemia
 - WT1 analysis in chronic myeloid leukemia patients (Accepted as a poster)
 - Salivary proteomic profile of patients with chronic myeloid leukemia distinguishes TKIs responders from non-responders

2017:

- **46th Congress Of The Italian Society Of Hematology, Rome, Italy, October 15–18, 2017, published in the Abstract Book, Haematologica Oct 2017, 102 (s3) 1-217:**
 - Tyrosine kinase inhibitors significantly change the expression of Polycomb genes in chronic myeloid leukemia (Accepted as a Poster)
 - Ibrutinib use for relapsed chronic lymphocytic leukemia in a patient who underwent allogeneic bone marrow transplantation for other reasons: a case report (Accepted as a Poster)
 - Donor-transmitted triple-hit lymphoma in a renal allograft recipient (Accepted as a Poster)
 - The assessment of somatic mutations in acute myeloid leukemia in 2017: a predictive model (Accepted as a Poster)

Foreign languages

- English (C1)
- French (B1)