



Oscar Borsani

WORK EXPERIENCE

[01/02/2022 – Current] **Hematologist**

Division of Hematology, Fondazione IRCCS Policlinico San Matteo

City: Pavia

Country: Italy

[01/10/2021 – Current] **PhD student in Translational Medicine**

Department of Molecular Medicine, University of Pavia

City: Pavia

Country: Italy

Main activities and responsibilities:

Project title: Unveiling the germline predisposition to myeloproliferative neoplasms

Tutor: prof. Elisa Rumi

[29/12/2017 – Current] **Residency in Hematology**

Department of Molecular Medicine, University of Pavia

City: Pavia

Country: Italy

Main activities and responsibilities:

- Health care assistance to patients affected by hematological and onco-hematological diseases as inpatient and outpatients services (i.e. ambulatory, Day-Hospital)
- Clinical research activity on chronic, philadelphia-negative, myeloproliferative neoplasms and hematopoietic stem cell transplantation and its' main complications (e.g. GvHD, CMV infection, neurological complications).

[01/03/2017 – 28/12/2017] **Research assistant**

Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico

City: Milano

Country: Italy

Main activities and responsibilities:

Research project: "sviluppo di nuovi modelli sperimentali per la terapia delle malattie neuromuscolari"

Centro Dino Ferrari per lo studio delle malattie neuromuscolari

Supervisors: prof. Stefania Corti, prof. Giacomo Comi, prof. Nereo Bresolin

[07/2009 – 09/2009] **Summer Student (winner of the 2016 CusMiBio Project from University of Milan)**

San Raffaele Scientific Institute

Country: Italy

Main activities and responsibilities:

Basic science activities to study the use of the newest Recombinant Vaccinia Viruses (Poxviruses) as vector for gene transfer and vaccines production

Supervisor: prof. Antonio Siccardi

[06/2008 – 08/2008] **Summer Student**

Mario Negri Institute for Pharmacological Research

City: Milan

Country: Italy

Main activities and responsibilities:

Basic science activities on murine models of ischemic stroke to study the neuroprotective role of neural stem cells intraventricular stereotactic infusion.

Supervisor: dr. Maria Grazia De Simoni

[06/2007 – 08/2007] **Summer Student**

Nearchimica S.p.A.

Main activities and responsibilities:

Chemical laboratory activities to manufacture chemical products for textile industry

EDUCATION AND TRAINING

[01/10/2021 – Current] **PhD student in Translational Medicine**

Department of Molecular Medicine, University of Pavia

Address: 27100, Pavia, Italy

Level in EQF: EQF level 8

Main subject / occupational skills covered:

Project title: Unveiling the germline predisposition to myeloproliferative neoplasms

[29/12/2017 – 14/12/2021] **Residency in Hematology**

Department of Molecular Medicine, University of Pavia

Address: 27100, Pavia, Italy

Final grade: 50/50 with honors **Level in EQF:** EQF level 8

Thesis: Autoantibodies Against Type I IFNs in Patients with Ph-negative Myeloproliferative Neoplasms

[07/2016] **PhD student as part of MD/PhD program offered by the University of Milan**

University of Milan

Field(s) of study: Metabolic liver diseases

Type of credits: UFC **Number of credits:** 60

[07/2016] **Master's Degree in Medicine and Surgery**

University of Milan

Final grade: 110/110 with honors **Level in EQF:** EQF level 7

Thesis: Study of the role of PCSK7 genotype in non-alcoholic fatty liver disease

[07/2009] **High school leaving qualification as Chemical-Biological Laboratory Technician**

IISS Giuseppe Torno

Final grade: 100/100 with honors **Level in EQF:** EQF level 4

Thesis: Cellule staminali neurali: neuroprotezione nell'evento ischemico

HONOURS AND AWARDS

[11/2021] **Winner of the ASH Abstract Achievement Award** Awarding institution: American Society Hematology

[11/2021]

Winner of the scholarship granted by the Centro Ricerca e Didattica Universitaria (CRDU)

Awarding institution: Fondazione Ghislieri

PUBLICATIONS

[2022]

Autoantibodies against type I IFNs in patients with Ph-negative myeloproliferative neoplasms

[2022]

Human Cytomegalovirus-Specific T-Cell Reconstitution and Late-Onset Cytomegalovirus Infection in Hematopoietic Stem Cell Transplantation Recipients following Letermovir Prophylaxis

[2022] **Isolated congenital asplenia: An overlooked cause of thrombocytosis**

[2022] **Second versus first wave of COVID-19 in patients with MPN**

[2022]

Philadelphia chromosome-negative myeloproliferative neoplasms in younger adults: A critical discussion of unmet medical needs, with a focus on pregnancy

[2021]

Acquired von Willebrand syndrome in myeloproliferative neoplasms with extreme thrombocytosis

[2021]

Eradication of Measurable Residual Disease in AML: A Challenging Clinical Goal

- [2021] **Long-term follow-up of recovered MPN patients with COVID-19**
- [2021]
Human Herpesvirus 6 Encephalitis in Immunocompetent and Immunocompromised Hosts
- [2021]
Early T cell reconstitution and cytokine profile may help to guide a personalized management of human cytomegalovirus infection after allogeneic hematopoietic stem cell transplantation
- [2020]
Diagnosing acute encephalitis in patients with hematological disorders: caveats and pitfalls
- [2019]
Immune Escape after Hematopoietic Stem Cell Transplantation (HSCT): From Mechanisms to Novel Therapies
- [2019]
Targeting Leukemia Stem Cell-Niche Dynamics: A New Challenge in AML Treatment
- [2018]
Endosteal vessel integrity: a new therapeutic goal in acute myeloid leukemia?
- [2018]
Stormorcken Syndrome Caused by a p.R304W STIM1 Mutation: The First Italian Patient and a Review of the Literature
- [2018] **Hepatic iron is the major determinant of serum ferritin in NAFLD patients**

CONFERENCES AND SEMINARS

[29/08/2020 – 01/09/2020]

46th Annual Meeting of the European Society for Blood and Marrow Transplantation

Virtual Meeting

[08/11/2019 – 09/11/2019] **3rd VOD Patient Case Forum** Rome, Italy

[22/05/2019 – 24/05/2019] **18th Course of Advanced Training in Immunotherapy** Ghislieri Foundation, Pavia, Italy

[24/03/2019 – 27/03/2019]

45th Annual Meeting of the European Society for Blood and Marrow Transplantation

Frankfurt, Germany

[14/02/2019 – 16/02/2019] **1st European CAR T Cell Meeting** Paris, France

[05/10/2018 – 06/10/2018] **The Real-World Evidence: innovation and research in onco-hematology**
Naples, Italy

[2017] **ROCHE SUNFISH Investigator Meeting** Brussels, Belgium

[2017] **SMAcademy. Atrofia Muscolare Spinale: dalla diagnosi alla terapia** Rome, Italy

[2016] **1 DISCCO retreat** University of Milan, Milan, Italy

[2014]

3rd conference of translational medicine on pathogenesis and therapy of immune-mediated diseases

Humanitas Research Hospital, Milan, Italy

[2014] **Annual International Medical Students Meeting (AIMS)** Faculty of Medicine of the University of Lisbon, Lisbon, Portugal

[2013] **Steatosi, diabete, malattie epatica: una pericolosa associazione** Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

[2013] **INMG - Policlinico. 1st research day** Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

[2013]

Organization and functions of glycolipid enriched micro domains in phagocytes

University of Milan, Milan, Italy

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

French

LISTENING A1 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A1 **SPOKEN INTERACTION** A1

DIGITAL SKILLS

Microsoft Office | Zoom | Statistical Analysis Software JMP | FileMaker | GraphPad Prism

PRIVACY

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Pavia, il 30/5/22

Oscar Bonanni