



Sara Pozzi

WORK EXPERIENCE

Università degli Studi di Pavia - Dipartimento di Medicina Molecolare

City: Pavia | **Country:** Italy

[01/02/2023 – Current] **Biologist - Researcher**

Fellowship

Principal Investigator (PI): Prof. Luca Malcovati

"Biological and clinical implications of driver mutations in myeloid neoplasms with myelodysplasia"

Università degli Studi di Pavia - Dipartimento di Medicina Molecolare

City: Pavia | **Country:** Italy

[01/02/2020 – 31/01/2023] **Biologist - Researcher**

Fellowship

Principal Investigator (PI): Prof. Luca Malcovati

"Driver mutations and genotype-phenotype correlation in myeloid neoplasms with myelodysplasia"

Fondazione IRCCS Policlinico San Matteo

City: Pavia | **Country:** Italy

[01/02/2019 – 31/01/2020] **Biologist - Data Manager**

Self-employment assignment

Principal Investigator (PI): Prof. Luca Malcovati

"Genomic profilig of rare hematological malignancies, development of personalized medicine strategies and their implementation into Rete Ematologica Lombarda (REL) clinical network"

Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna (IZSLER)

City: Brescia | **Country:** Italy

[19/02/2018 – 15/12/2018] **Biologist - Researcher**

Fellowship

Principal Investigator (PI): Dr. Ilaria Barbieri

"Research on Porcine Respiratory-Reproductive Syndrome Virus (PRRSV)"

EDUCATION AND TRAINING

[2019 – 2023] **Certified attendance in Medical Genetics laboratory**

**Laboratorio di Diagnostica Ematologica - UOC Ematologia - Fondazione IRCCS
Policlinico San Matteo**

City: Pavia | **Country:** Italy |

Subscription to FNOB - OBL - 2019 (AA_082677)

Qualification to Practice as a Biologist - Second Session - 2018

Università degli Studi di Pavia

City: Pavia | **Country:** Italy |

**Master's Degree in Experimental and Applied Biology - 2017 (110/110 cum
Laude)**

Università degli Studi di Pavia

City: Pavia | **Country:** Italy |

Bachelor's Degree in Biological Sciences - 2015 (110/100)

Università degli Studi di Pavia

City: Pavia | **Country:** Italy |

Internship - Zoology Laboratory

Università degli Studi di Pavia

City: Pavia | **Country:** Italy |

Internship - Mycology Laboratory

Università degli Studi di Pavia

City: Pavia | **Country:** Italy |

High School leaving qualification in Classical Studies -2012 (99/100)

Liceo Classico Ugo Foscolo

City: Pavia | **Country:** Italy |

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B1

Spanish

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

ECDL

PUBLICATIONS

Total IF: 210.34 / Mean IF: 30.048 / H-INDEX (Web of Science): 3

**[Distinct routes of clonal progression in SF3B1-mutant myelodysplastic syndromes](#)
(IF:3.348)**

[2025]

Martina Sarchi, Courtney A. Clough, Anna Galli, Cristina Picone, Beatrice Ferrari, Edie I. Crosse, Laura D. Baquero Galvis, Claudia Fiducioso, Nelli Aydinyan, J. Philip Creamer, Sara Pozzi, Elisabetta Molteni, Chiara Elena, Robert K. Bradley, Luca Malcovati, Sergei Doulatov; Distinct routes of clonal progression in SF3B1-mutant myelodysplastic syndromes. *Blood Adv* 2025; 9 (12): 3044–3055

[2024] [**Risk Prediction for Clonal Cytopenia: Multicenter Real-World Evidence \(IF: 21\)**](#)

Zhuoer Xie, Rami Komrokji, Najla Al Ali, Alexandra Regelson, Susan Geyer, Anand Patel, Caner Saygin, Amer M. Zeidan, Jan Philipp Bewersdorf, Lourdes Mendez, Ashwin Kishtagari, Joshua F. Zeidner, Catherine C. Coombs, Yazan F. Madanat, Stephen Chung, Talha Badar, James Foran, Pinkal Desai, Charlton Tsai, Elizabeth A. Griffiths, Monzr M. Al Malki, Idoroenyi Amanam, Catherine Lai, H. Joachim Deeg, Lionel Ades, Cecilia Arana Yi, Afaf E. G. Osman, Shira Dinner, Yasmin Abaza, Justin Taylor, Namrata Chandhok, Deborah Soong, Andrew M. Brunner, Hetty E. Carraway, Abhay Singh, Chiara Elena, Jacqueline Ferrari, Anna Galli, Sara Pozzi, Eric Padron, Mrinal M. Patnaik, Luca Malcovati, Michael R. Savona, Aref Al-Kali; Risk prediction for clonal cytopenia: multicenter real-world evidence. *Blood* 2024; 144 (19): 2033–2044

[2024] [**Early transfusion patterns improve the Molecular International Prognostic Scoring System \(IPSS-M\) prediction in myelodysplastic syndromes \(IF: 9\)**](#)

Creignou M, Bernard E, Gasparini A, Tranberg A, Todisco G, Moura PL, Ejerblad E, Nilsson L, Garelius H, Antunovic P, Lorenz F, Rasmussen B, Walldin G, Mortera-Blanco T, Jansson M, Tobiasson M, Elena C, Ferrari J, Galli A, Pozzi S, Malcovati L, Edgren G, Crowther MJ, Jädersten M, Papaemmanuil E, Hellström-Lindberg E. Early transfusion patterns improve the Molecular International Prognostic Scoring System (IPSS-M) prediction in myelodysplastic syndromes. *J Intern Med.* 2024 Jul; 296 (1): 53-67

[2023] [**Prevalence and clinical expression of germ line predisposition to myeloid neoplasms in adults with marrow hypocellularity \(IF: 21\)**](#)

Elisabetta Molteni, Elisa Bono, Anna Galli, Chiara Elena, Jacqueline Ferrari, Nicolas Fiorelli, Sara Pozzi, Virginia Valeria Ferretti, Martina Sarchi, Ettore Rizzo, Virginia Camilotto, Emanuela Boveri, Mario Cazzola, Luca Malcovati; Prevalence and clinical expression of germ line predisposition to myeloid neoplasms in adults with marrow hypocellularity. *Blood* 2023; 142 (7): 643–657

[2021] [**Relationship between clone metrics and clinical outcome in clonal cytopenia \(IF: 20.3\)**](#)

Anna Galli, Gabriele Todisco, Eulalia Catamo, Cinzia Sala, Chiara Elena, Sara Pozzi, Elisa Bono, Virginia Valeria Ferretti, Ettore Rizzo, Elisabetta Molteni, Silvia Zibellini, Martina Sarchi, Emanuela Boveri, Jacqueline Ferrari, Nicolas Fiorelli, Clara Camaschella, Paolo Gasparini, Daniela Toniolo, Mario Cazzola, Luca Malcovati; Relationship between clone metrics and clinical outcome in clonal cytopenia. *Blood* 2021; 138 (11): 965–976

[2021] [**A geno-clinical decision model for the diagnosis of myelodysplastic syndromes \(IF: 3.348\)**](#)

Nathan Radakovich, Manja Meggendorfer, Luca Malcovati, C. Beau Hilton, Mikkael A. Sekeres, Jacob Shreve, Yazan Roupail, Wencke Walter, Stephan Hutter, Anna Galli, Sara Pozzi, Chiara Elena, Eric Padron, Michael R. Savona, Aaron T. Gerds, Sudipto Mukherjee, Yasunobu Nagata, Rami S. Komrokji, Babal K. Jha, Claudia Haferlach, Jaroslaw P. Maciejewski, Torsten Haferlach, Aziz Nazha; A geno-clinical decision model for the diagnosis of myelodysplastic syndromes. *Blood Adv* 2021; 5 (21): 4361–4369

[2020] [Genotype-Phenotype Correlations in Patients with Myeloid Malignancies Using Explainable Artificial Intelligence \(IF: 22.113\)](#)

Nathan Radakovich, Luca Malcovati, Manja Meggendorfer, Mikkael A. Sekeres, Jacob Shreve, Cameron Beau Hilton, Yazan Roupail, Wencke Walter, Stephan Hutter, Anna Galli, Sarah Pozzi, Aaron T. Gerds, Sudipto Mukherjee, Cassandra M Kerr, Babal K. Jha, Claudia Haferlach, Jaroslaw P. Maciejewski, Torsten Haferlach, Aziz Nazha, Genotype-Phenotype Correlations in Patients with Myeloid Malignancies Using Explainable Artificial Intelligence. *Blood* 2020; 136 (1): 31-32

[2019] [Mirrored images but not silicone models trigger aggressive responses in male Common wall lizards \(IF: 0.692\)](#)

Scali, S., Sacchi, R., Falaschi, M., Coladonato, A., Pozzi, S., Zuffi, M., & Mangiacotti, M. (2019). Mirrored images but not silicone models trigger aggressive responses in male Common wall lizards. *Acta Herpetologica*, 14(1), 35–41. https://doi.org/10.13128/Acta_Herpetol-24651

DRIVING LICENCE

Cars: B

CONFERENCES AND SEMINARS

8th Meeting MYNERVA PROJECT (MYeloid NEoplasm Research Venture AIRC)

13 novembre 2024

IRCCS Humanitas Research Hospital - Rozzano (MI)

“Il sequenziamento del genoma nella pratica clinica: dalle malattie rare alla medicina di precisione”

Prof. Marco Seri

10 maggio 2024

Fondazione IRCCS Policlinico San Matteo - Pavia

7th Meeting MYNERVA PROJECT (MYeloid NEoplasm Research Venture AIRC)

12 ottobre 2023

Università degli Studi di Perugia - Castiglione del Lago (PG)

“NEXT GENERATION SEQUENCING - Dal laboratorio alla pratica clinica: un percorso ad ostacoli?”

6^a Edizione

6 giugno 2023 - Milano

“Leucemia linfatica cronica: un viaggio dalla immunologia di base alle terapie target”

Prof. Paolo Ghia

8 maggio 2023

Fondazione IRCCS Policlinico San Matteo - Pavia

"The role of mutations in blood diseases in Africa and elsewhere"

Prof. Lucio Luzzatto

10 febbraio 2023

Fondazione IRCCS Policlinico San Matteo - Pavia

6th Meeting MYNERVA PROJECT (MYeloid NEoplasm Research Venture AIRC)

22 settembre 2022

Università degli Studi di Modena e Reggio Emilia

Centro di Medicina Rigenerativa "Stefano Ferrari" - Modena

"I rischi lavorativi e le misure di prevenzione e protezione in ambiente ospedaliero"

Corso di formazione dei lavoratori a rischio alto

Settore Ateco 7 Sanità - Servizi Sociali

Fondazione IRCCS Policlinico San Matteo - Pavia

"Aggiornamenti su nuove tecnologie ed attività svolte nei reparti di Virologia, Batteriologia, Agenti ad alta diffusione e Biotecnologie diagnostiche, Genomica e Sezione Diagnostica di Brescia"

Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna (IZSLER) - Brescia

"Codice di comportamento dei dipendenti pubblici"

Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna (IZSLER) - Brescia

"Le professioni tecnico-scientifiche per i beni culturali"

Fondazione ENAIP Lombardia - Botticino (BS)

TECHNICAL SKILLS

Molecular Biology

Manual extraction of nucleic acids

Preparation of PCR reactions

Preparation of PCR cycle-sequencing reactions

Blood samples processing

Cell culture preparation and managing

Digital skills

Sequence analysis with SeqMan Pro, MegAlign, Mega6 software


Compilation and implementation of databases on myeloid neoplasms with myelodysplasia

NGS data analysis

Good knowledge of the Office package

Fair knowledge of FileMaker software

Pavia, 22/08/2025



Sara Pozzi