

Paola Sindaco
Hematologist and researcher

Professional experience

Consultant Hematologist, full-time (06/2023-10/2023)-(01/2024-03/2024)

University Clinic for Hematology and Central Hematology Laboratory, Inselspital, Bern (Switzerland).

Postdoctoral researcher, full-time (03/2022 - 03/2023), Research collaborator (04/2023-present)-T-cell Leukemia/Lymphoma Initiative

Department of Medical Oncology, Hematological Diseases and HSCT, Sydney Kimmel Cancer Center, Thomas Jefferson University, Philadelphia (USA).

Postdoctoral researcher, full-time (01/2019 - 12/2021), Research collaborator (01/2022-present)

Institute of Molecular and Translational Medicine, Institute of Pathology, University of Brescia and Laboratory of B-cell and Lymphoma Genetics, IFOM, AIRC Institute of Molecular Oncology, Milan (Italy). Two-year postdoctoral research fellowship Italian Cancer Research Association (AIRC).

Resident physician in hematology, full-time (12/2014 - 12/2018)

Department of Hematology with Transplantation, University Hospital, Bari (Italy).

Education and Training

2023 DCR Medical Grant Writing Program for Clinicians (06/2023-12/2023)

Department of Clinical Research, University of Bern

Specialty training in hematology (12/2014 - 12/2018)

Department of Hematology with Transplantation, University Hospital of Bari (Italy)

Final grade: 70/70 summa cum laude.

Advanced statistics course, focused on Systematic Reviews and Meta-analysis (04/2016 – 11/2016)

Cochrane Italian Centre, University of Modena-Reggio Emilia

Diploma in medical sciences (10/2007 - 01/2015)

Scuola Superiore Sant'Anna di Studi Universitari e di Perfezionamento, Pisa (Italy).

Funding: merit scholarship. Final grade: 100/100 magna cum laude.

Master degree in medicine and surgery (10/2007 - 10/2013)

Faculty of Medicine and Surgery, University of Pisa (Italy). Final grade: 110/110 summa cum laude.

Dissertations

Specialty training in clinical hematology, Bari (Italy) (12/2018)

Thesis: « Integration of the prognostic role of lymphocyte/monocyte ratio with BCL6 translocation and STAT3 expression in diffuse large B-cell lymphoma ».

Diploma in medical sciences, Scuola Superiore Sant'Anna, Pisa (Italy) (01/2015)

Final dissertation : « Innovative strategies and supportive care in haploidentical hematopoietic stem cell transplantation in the Pediatric Oncohaematology Department of Pisa».

Master degree in medicine and surgery (10/2013)

Thesis: «Epstein-Barr virus infection after hematopoietic stem cell transplantation: analysis of risk factors, therapies and immunological reconstitution in pediatric patients at the Pediatric Oncohaematology Center in Pisa».

Published manuscripts

Sindaco P, Lonardi S, Varano G, et al. B cell receptor silencing reveals the origin of high-grade B cell lymphomas with MYC and BCL2 rearrangements. July 2024.

BioRxiv 2024.07.13.603066; doi: <https://doi.org/10.1101/2024.07.13.603066>. Under revision.

von Jan J, Timonen S, Braun T, Jiang Q, Ianevski A, Peng Y, McConnell K, **Sindaco P**, et al. Optimizing Drug Combinations for T-PLL: Restoring DNA Damage and P53-Mediated Apoptotic Responses. Blood. 2024 Jun 28;blood.2023022884. doi: 10.1182/blood.2023022884.

Chakravarti N, Boles A, Burzinski R, **Sindaco P**, et al. XPO1 blockade with KPT-330 promotes apoptosis in cutaneous T-cell lymphoma by activating the p53-p21 and p27 pathways. Sci Rep. 2024 Apr 23;14(1):9305. doi: 10.1038/s41598-024-59994-5.

Rosenberg M, Poluch M, Thomas C, **Sindaco P**, et al. Hepatitis B Virus and B-cell lymphoma: evidence, unmet need, clinical impact, and opportunities. Front. Oncol. 2023 13:1275800. doi: 10.3389/fonc.2023.1275800.

Sindaco P, Pandey H, Isabelle C, et al. The role of interleukin-15 in the development and treatment of hematological malignancies. Front Immunol. 2023 Apr 20;14:1141208. doi: 10.3389/fimmu.2023.1141208.

Isabelle C, Johnson WT, McConnell K, Vogel A, Brammer JE, Boles A, Keller R, **Sindaco P**, et al. Preclinical evaluation of anti-CD38 therapy in mature T-cell neoplasms. Blood Adv. 2023 Jul 25;7(14):3637-3641. doi: 10.1182/bloodadvances.2023009807.

Casola S, Peruchio L, Tripodo C, **Sindaco P**, et al. The B-cell receptor in control of tumor B-cell fitness: Biology and clinical relevance. Immunol Rev. 2019 Mar;288(1):198-213. doi: 10.1111/imr.12738.

Gaudio F, Pedote P, Niccoli Asabella A, Ingravallo G, **Sindaco P**, et al. Bone Involvement in Hodgkin's Lymphoma: Clinical Features and Outcome. Acta Haematol. 2018;140(3):178-182. doi: 10.1159/000490489.

Gaudio F, Pedote P, Asabella AN, Perrone T, Laddaga FE, **Sindaco P**, et al. Extralymphatic Disease Is an Independent Prognostic Factor in Hodgkin Lymphoma. Clin Lymphoma Myeloma Leuk. 2018 Jun;18(6):e261-e266. doi: 10.1016/j.clml.2018.04.001.

Manuscripts in submission

Sindaco P, Quaglia FM, Arima H, Porcu P. Bendamustine for patients with diffuse large B-cell lymphomas: a systematic review and metanalysis. et al. 2023.

Sindaco P, Brammer J, Mishra A. et al, 2023. Single-cell multiomic profiling uncovers increased tumor heterogeneity and therapeutic vulnerabilities in T-PLL.

Language skills

Mother tongue: Italian

German: advanced level (C1 certification in preparation)

English language: advanced level (English3 Grade 4.0 exam)

French language: advanced level (Test de Connaissance Française- Niveau C2 - June 2014).