

SARA BANDINI

Date of Birth: 25 August 1998 (Cesena, Italy) | **Nationality:** Italian | **Email:** sara.bandini2@irst.emr.it
Work Address: Istituto Romagnolo per lo Studio dei tumori "Dino Amadori" - IRST IRCCS
Via Piero Maroncelli 40, 47014 Meldola (FC), Italy

EDUCATION

2022 – M.Sc. in Health Biology, Biosanitary and Forensic Curriculum, University of Bologna
2020 – B.Sc. in Biotechnology, University of Ferrara
2017 – Classical High School Diploma, Liceo Classico G.B. Morgagni **RESEARCH EXPERIENCE**

Jul 2023–Present – **Researcher**, Translational Oncology Unit, IRCCS IRST, Meldola.

Development of innovative approaches for precision medicine in solid tumors, including liquid biopsy, molecular characterization, patient-derived preclinical models, organoids and predictive algorithms.

2022–2023 – Postgraduate Research Internship, IRCCS IRST, Meldola.

2022 – Curricular Research Internship, IRCCS IRST, Meldola.

LANGUAGE SKILLS

Italian - mother tongue

English - B2 level in writing, listening and speaking

DIGITAL SKILLS

Microsoft Office (Word, Excel, PowerPoint, etc.) / Social Networks / Email / Independent email management / Windows

JOB SKILLS

Related job skills

Acconsento al trattamento dei dati personali contenuti nel mio curriculum vitae in base al D. Lgs. 196/2003, integrato con le modifiche introdotte dal D. Lgs. 101/2018, e all'art. 13 del GDPR (Regolamento UE 2016/679).

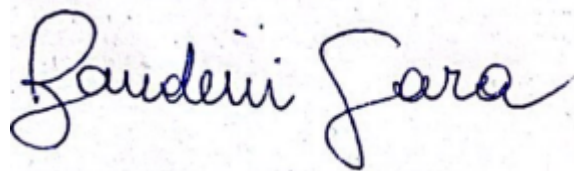
La sottoscritta, consapevole che - ai sensi dell'art.76 del D.P.R 445/2000- le dichiarazioni mendaci, la falsità negli atti e l'uso dei atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità.

Update on GPC- Good Laboratory Practice- formazione FAO asincrona in data 06/11/2023

TECHNICAL SKILLS & COMPETENCES

PUBLICATIONS

1. Rossi T., **Bandini S.**, Zanoni M. et al. *Transcriptomic profiling of circulating tumor cells from metastatic breast cancer patients reveals new hints in their biological features and phenotypic heterogeneity*. Exp Hematol Oncol. 2025;14:67.
2. Gerratana L., Davis A.A., Foffano L., Reduzzi C., Rossi T., Medford A., Clifton K., Shah A.N., Bucheit L., Velimirovic M., **Bandini S.**, et al. *Integrating machine learning-predicted circulating tumor cells (CTCs) and circulating tumor DNA (ctDNA) in metastatic breast cancer: A proof of principle study on endocrine resistance profiling*. Cancer Letters. 2025;609.
3. **Bandini S.**, Ulivi P., Rossi T. *Extracellular Vesicles, Circulating Tumor Cells, and Immune Checkpoint Inhibitors: Hints and Promises*. Cells. 2024;13:337. DOI: 10.3390/cells13040337.
4. Andrikou K., Rossi T., Verlicchi A., Priano I., Cravero P., Burgio M.A., Crinò L., **Bandini S.**, Ulivi P., Delmonte A. *Circulating Tumour Cells: Detection and Application in Advanced Non-Small Cell Lung Cancer*. Int J Mol Sci. 2023;24:16085. DOI: 10.3390/ijms242216085.
5. Vannini I., Rossi T., Melloni M., Valgiusti M., Urbini M., Passardi A., Bartolini G., Gallio C., Azzali I., **Bandini S.**, Ancarani V., Montanaro L., Frassinetti G.L., Fabbri F., Rapposelli I.G. *Analysis of EVs from patients with advanced pancreatic cancer identifies antigens and miRNAs with predictive value*. Mol Ther Methods Clin Dev. 2023;29:473–482. DOI: 10.1016/j.omtm.2023.05.009.
6. Analisi di vescicole extracellulari per l'identificazione di nuovi biomarcatori predittivi di risposta nel cancro del pancreas (2022) Link: <https://pubmed.ncbi.nlm.nih.gov/37273899/>
7. Circulating tumour cells: detection and application in advanced Non-Small Cell Lung Cancer (2022)



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