

Marta Truffi, Ph.D.

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RESEARCH EXPERIENCE	
2021-present	<i>Istituti Clinici Scientifici Maugeri IRCCS, Pavia, IT</i> Member of the Technical-Scientific Committee of the institutional Biobank “Bruno Boerci”
Aug 2019 - present	<i>Istituti Clinici Scientifici Maugeri IRCCS, Pavia, IT</i> Researcher at Nanomedicine and Molecular Imaging Laboratory Study of diagnostic and prognostic biomarkers of disease and their exploitation for development of targeted/nanotargeted approaches
Aug 2016 – July 2019	<i>Università degli studi di Milano, Milano, IT</i> Post-doctoral fellow at Dept. of Biomedical and Clinical Sciences “Study of cellular interaction and therapeutic efficacy of targeted nano-delivery systems in vitro and in vivo”
Oct 2013 - July 2016	<i>Università degli studi di Milano, Milano, IT</i> Post-doctoral fellow at Dept. of Biomedical and Clinical Sciences “Development of magnetic nanoparticles for diagnosis and treatment of inflammatory bowel diseases”
Oct 2009 - May 2013	<i>Université Paris Diderot-Paris 7, Paris, FR</i> Doctoral fellow at UMR 7216 Epigenetics and Cell Fate Unit “Control of epithelial junctions by the protein tyrosine phosphatase RPTP α ” Supervisor: Prof. Jan Sap
Oct 2012	<i>Centre National de la Recherche Scientifique, FR</i> Research assistant at UMR 7216 Epigenetics and Cell Fate Unit “Functional interactions between contactins and RPTPs in autism”
EDUCATION	
May 2013	<i>Université Paris Diderot-Paris 7, Paris, FR</i> Ph.D. in Biomolécules, Biologie Structurales, Pathologies, Biothérapies Thesis defense: May 3 rd , 2013 Supervisor: Prof. Jan Sap
Apr 2010	<i>Università degli studi di Milano-Bicocca, Milano, IT</i> Master Degree in Industrial Biotechnology Drug Discovery and Genetics area Grade: 110/110 cum laude
July 2009	<i>Université Paris Diderot-Paris 7, Paris, FR</i> Master Degree in Sciences, Santé et Applications à finalité Recherche Specialty Genetics
Dec 2007	<i>Università degli studi di Milano-Bicocca, Milano, IT</i>

	Bachelor Degree in Biotechnology <i>Grade: 108/110</i>
COURSES AND CERTIFICATES	
May 2020	Flow cytometry training <i>Miltenyi Biotec srl</i>
May 2018	Applications of Organoid Technology <i>MDI Biological Laboratory, Maine, US</i>
May 2015	Animal welfare and care <i>Università degli studi di Milano, Milano, IT</i>
Jan 2011	Theoretical and practical course in Confocal Microscopy <i>ImagoSeine - Institut Jacques Monod - Chairs: Dr. Coppey, Dr. Baudin</i>
AWARDS & Honors	
2022	Award for Outstanding Rapid Communication – 17 th International Conference on Bio-Sensing Technology, Sitges, SP
2018	Best Paper Award - 3 rd World Congress on Recent Advances in Nanotechnology, Budapest, HU
2012	6-months scholarship - <i>Fondation pour la Recherche Médicale, Paris, FR</i>
2012	Winner of a travel grant - <i>Société de Biologie Cellulaire de France, FR</i>
2008	Selected for Exchange program Vinci <i>Università degli studi di Milano-Bicocca/Université Paris Diderot-Paris 7</i>
DIDACTIC ACTIVITY	
2013-present	Supervisor of 5 undergraduate students <i>Università degli studi di Milano-Bicocca</i> <i>Università degli studi di Pavia</i>
2014-present	Lecturer at Faculty of Medicine and Surgery, <i>Università degli studi di Milano</i> Promoter of orientation activities for high school students
COMPETENCES	
Biology & Biochemistry	2D and 3D culture of primary and immortalized cells, establishment and culture of breast patient-derived organoids (PDO), Organ culture, Flow cytometry, Optical and Confocal microscopy, Enzyme-Linked immunosorbent assay, SiMoA technology for biomarker analysis, Spectrofluorimetry, Purification of DNA and proteins, Western Blotting, Immunoprecipitation, Pull-down assay, Immunocytochemistry, Transient and stable transfection, RNAi technology, Lentivirus production, Cell lysis and fractionation, RNA and protein extraction, Bacterial culture, Genomic and cDNA cloning, PCR, RT-PCR, qPCR, DNA sequencing
Animal handling	Mouse and Rat housing and handling, Blood sampling, i.p. injection, <i>in vivo</i> and <i>ex vivo</i> imaging, Dissection, Use of cryostat, Establishment of murine model of colitis, Establishment of murine model of breast tumor
Nanotechnology	Handling of organic and inorganic nanoparticles, Fluorescent labelling, Drug and dye loading into H-ferritin nanocages
IT	Software for flow cytometry (Kaluza, FlowJo), Imaging (Image J, Metamorph), Prediction of miRNA targets; Windows Office; Scientific libraries (Zotero, Endnote); PubMed, Ensembl genome browser
LANGUAGES	

Italian English French	Mother tongue Excellent , written and spoken Excellent , written and spoken
MEMBERSHIPS	
2019 2018 2014-2015 2011-2012 2010 2010-2013	Network Italiano per la Bioterapia dei Tumori (NIBIT) European Crohn's and Colitis Organisation (ECCO) Associazione Italiana Colture Cellulari (AICC) Société de Biologie Cellulaire de France (SBCF) Société Française de Génétique (SFG) Founding member of DiDocs, <i>Université Paris Diderot-Paris 7</i>
OTHER INFORMATION	
2022-2023	Guest Editor <i>Frontiers in Oncology</i> – Research Topic “The tumor and microenvironment crosstalk in breast cancer: from biology to therapeutic opportunities”
2019-present	Reviewer for MDPI open access, international, academic journals
2022-present 2020-present 2020-present	Working Group “Norma ISO 20387” – BBMRI.it Working Group “Pathology and Biobanking” - Alleanza Contro il Cancro Working Group “Liquid Biopsy” - Biobanking and Biomolecular resources Research Infrastructure, Italian node (BBMRI.it)
2019-2022 2018-2019	Scientist within Euronanomed III project “ABISens” Scientist within AIRC funded project - IG 20172
PUBLICATIONS	
Peer-reviewed publications H-index	66 20 (Scopus)
- Ferritin nanoconjugates guide trastuzumab brain delivery to promote an antitumor response in murine HER2 + breast cancer brain metastasis. Sevieri M, Mazzucchelli S, Barbieri L, Garbujo S, Carelli S, Bonizzi A, Rey F, Recordati C, Recchia M, Allevi R, Sitia L, Morasso C, Zerbi P, Prosperi D, Corsi F, Truffi M. <i>Pharmacol Res.</i> 2023 Oct;196:106934. doi: 10.1016/j.phrs.2023.106934. Epub 2023 Sep 19. - Low neutrophil-to-lymphocyte ratio and pan-immune-inflammation-value predict nodal pathologic complete response in 1274 breast cancer patients treated with neoadjuvant chemotherapy: a multicenter analysis. Gasparri ML, Albasini S, Truffi M, Favilla K, Tagliaferri B, Piccotti F, Bossi D, Armatura G, Calcinotto A, Chiappa C, Combi F, Curcio A, Della Valle A, Ferrari G, Folli S, Ghilli M, Listorti C, Mancini S, Marinello P, Mele S, Pertusati A, Roncella M, Rossi L, Rovera F, Segattini S, Sgarella A, Tognali D, Corsi F. <i>Ther Adv Med Oncol.</i> 2023 Sep 15;15:17588359231193732. doi: 10.1177/17588359231193732. - Whitlockite has a characteristic distribution in mammary microcalcifications and it is not associated with breast cancer. Morasso C, Vanna R, Piccotti F, Frizzi L, Truffi M, Albasini S, Borca C, Huthwelker T, Villani L, Bunk O, Giannini C, Corsi F. <i>Cancer Commun (Lond).</i> 2023 Oct;43(10):1169-1173. doi: 10.1002/cac2.12481. Epub 2023 Sep 9. - A three-gene signature marks the time to locoregional recurrence in luminal-like breast cancer. Chiodoni C, Sangaletti S, Lecchi M, Ciniselli CM, Cancila V, Tripodi I, Ratti C, Talarico G, Brich S, De Cecco L, Baili P, Truffi M, Sottotetti F, Piccotti F, Tripodo C, Pruneri G, Triulzi T, Corsi F, Cappelletti V, Di Cosimo S, Verderio P, Colombo MP. <i>ESMO Open.</i> 2023 Aug;8(4):101590. doi: 10.1016/j.esmoop.2023.101590. Epub 2023 Jun 30. - Quantification and prospective evaluation of serum NfL and GFAP as blood-derived biomarkers of outcome in acute ischemic stroke patients. Ferrari F, Rossi D, Ricciardi A, Morasso C, Brambilla L, Albasini S, Vanna R, Fassio C, Begenisic T, Loi M, Bossi D, Zaliani A, Alberici E, Lisi C, Morotti A, Cavallini A, Mazzacane F, Nardone A, Corsi F, Truffi M. <i>J Cereb Blood Flow Metab.</i> 2023 Sep;43(9):1601-1611. doi: 10.1177/0271678X231172520. Epub 2023 - Determination of the quality of lipoproteins by Raman spectroscopy in obese and healthy subjects. Bonizzi A, Magri F, Mazzucchelli S, Truffi M, Rizzi A, Corsi F, Cazzola R, Morasso C. <i>Analyst.</i> 2023 May 2;148(9):2012-2020. doi: 10.1039/d3an00051f.	

- Neurofilament-light chain quantification by Simoa and Ella in plasma from patients with dementia: a comparative study. Truffi M, Garofalo M, Ricciardi A, Cotta Ramusino M, Perini G, Scaranzin S, Gastaldi M, Albasini S, Costa A, Chiavetta V, Corsi F, Morasso C, Gagliardi S. *Sci Rep*. 2023 Mar 10;13(1):4041. doi: 10.1038/s41598-023-29704-8.
- Novel Bioengineering Strategies to Improve Bioavailability and In Vivo Circulation of H-Ferritin Nanocages by Surface Functionalization. Sevieri M, Pinori M, Chesi A, Bonizzi A, Sitia L, Truffi M, Morasso C, Corsi F, Mazzucchelli S. *ACS Omega*. 2023 Feb 17;8(8):7244-7251. doi: 10.1021/acsomega.2c07794. eCollection 2023 Feb 28.
- In Vitro Immunoreactivity Evaluation of H-Ferritin-Based Nanodrugs. Sitia L, Galbiati V, Bonizzi A, Sevieri M, Truffi M, Pinori M, Corsini E, Marinovich M, Corsi F, Mazzucchelli S. *Bioconjug Chem*. 2023 May 17;34(5):845-855. doi: 10.1021/acs.bioconjchem.3c00038. Epub 2023 Feb 24.
- Extensive Intraductal Component in Breast Cancer: What Role in Disease-Free Survival? Corsi F, Albasini S, Ciciriello S, Villani L, Truffi M, Sevieri M, Sorrentino L. *J Surg Res*. 2023 Mar;283:233-240. doi: 10.1016/j.jss.2022.10.094. Epub 2022 Nov 21.
- Prognostic Potential of Immune Inflammatory Biomarkers in Breast Cancer Patients Treated with Neoadjuvant Chemotherapy. Truffi M, Sottotetti F, Gafni N, Albasini S, Piccotti F, Morasso C, Tibollo V, Mocchi M, Zanella V, Corsi F. *Cancers (Basel)*. 2022 Oct 27;14(21):5287. doi: 10.3390/cancers14215287.
- Bisdemethoxycurcumin (BDC)-Loaded H-Ferritin-Nanocages Mediate the Regulation of Inflammation in Alzheimer's Disease Patients. Gagliardi S, Truffi M, Tinelli V, Garofalo M, Pandini C, Cotta Ramusino M, Perini G, Costa A, Negri S, Mazzucchelli S, Bonizzi A, Sitia L, Busacca M, Sevieri M, Mocchi M, Ricciardi A, Prosperi D, Corsi F, Cereda C, Morasso C. *Int J Mol Sci*. 2022 Aug 17;23(16):9237. doi: 10.3390/ijms23169237.
- Protein-Based Nanoparticles for the Imaging and Treatment of Solid Tumors: The Case of Ferritin Nanocages, a Narrative Review. Mainini F, Bonizzi A, Sevieri M, Sitia L, Truffi M, Corsi F, Mazzucchelli S. *Pharmaceutics*. 2021 Nov 25;13(12):2000. doi: 10.3390/pharmaceutics13122000.
- Fast quantification of extracellular vesicles levels in early breast cancer patients by Single Molecule Detection Array (SiMoA). Morasso C, Ricciardi A, Sproviero D, Truffi M, Albasini S, Piccotti F, Sottotetti F, Mollica L, Cereda C, Sorrentino L, Corsi F. *Breast Cancer Res Treat*. 2022 Feb;192(1):65-74. doi: 10.1007/s10549-021-06474-3. Epub 2021 Dec 21.
- Preoperative Systemic Inflammatory Biomarkers Are Independent Predictors of Disease Recurrence in ER+ HER2- Early Breast Cancer. Truffi M, Piccotti F, Albasini S, Tibollo V, Morasso CF, Sottotetti F, Corsi F. *Front Oncol*. 2021 Nov 4;11:773078. doi: 10.3389/fonc.2021.773078. eCollection 2021.
- Circulating Fibroblast Activation Protein as Potential Biomarker in Patients With Inflammatory Bowel Disease. Corsi F, Sorrentino L, Albasini S, Colombo F, Cigognini M, Massari A, Morasso C, Mazzucchelli S, Piccotti F, Ardizzone S, Sampietro GM, Truffi M. *Front Med (Lausanne)*. 2021 Sep 21;8:725726. doi: 10.3389/fmed.2021.725726. eCollection 2021.
- Full-Length Recombinant hSP-D Binds and Inhibits SARS-CoV-2. Arroyo R, Grant SN, Colombo M, Salvioni L, Corsi F, Truffi M, Ottolina D, Hurst B, Salzberg M, Prosperi D, Kingma PS. *Biomolecules*. 2021 Jul 28;11(8):1114. doi: 10.3390/biom11081114.
- Raman analysis of microcalcifications in male breast cancer. Caldarone A, Piccotti F, Morasso C, Truffi M, Sottotetti F, Guerra C, Albasini S, Agozzino M, Villani L, Corsi F. *Spectrochim Acta A Mol Biomol Spectrosc*. 2021 Dec 15;263:120185. doi: 10.1016/j.saa.2021.120185. Epub 2021 Jul 15.
- Isolation of Primary Cancer-Associated Fibroblasts from a Syngeneic Murine Model of Breast Cancer for the Study of Targeted Nanoparticles. Truffi M, Sitia L, Sevieri M, Bonizzi A, Rizzuto MA, Mazzucchelli S, Corsi F. *J Vis Exp*. 2021 May 14;(171). doi: 10.3791/62504.
- Lipofilling in Breast Oncological Surgery: A Safe Opportunity or Risk for Cancer Recurrence? Piccotti F, Rybinska I, Scoccia E, Morasso C, Ricciardi A, Signati L, Triulzi T, Corsi F, Truffi M. *Int J Mol Sci*. 2021 Apr 3;22(7):3737. doi: 10.3390/ijms22073737.
- Stable and scalable SERS tags conjugated with neutravidin for the detection of fibroblast activation protein (FAP) in primary fibroblasts. Talamona F, Truffi M, Caldarone AA, Ricciardi A, Corsi F, Pellegrini G, Morasso C, Taglietti A. *Nanotechnology*. 2021 Apr 30;32(29). doi: 10.1088/1361-6528/abf5fd.
- H-Ferritin nanoparticle-mediated delivery of antibodies across a BBB in vitro model for treatment of brain malignancies. Rizzuto MA, Dal Magro R, Barbieri L, Pandolfi L, Sguazzini-Viscontini A, Truffi M, Salvioni L, Corsi F, Colombo M, Re F, Prosperi D. *Biomater Sci*. 2021 Feb 5. doi: 10.1039/d0bm01726d.
- Selective Targeting of Cancer-Associated Fibroblasts by Engineered H-Ferritin Nanocages Loaded with Navitoclax. Sitia L, Bonizzi A, Mazzucchelli S, Negri S, Sottani C, Grignani E, Rizzuto MA, Prosperi D, Sorrentino

L, Morasso C, Allevi R, Sevieri M, Silva F, Truffi M, Corsi F. *Cells*. 2021, 10, 328. <https://doi.org/10.3390/cells10020328>.

- Tumor Accumulation and Off-Target Biodistribution of an Indocyanine-Green Fluorescent Nanotracer: An Ex Vivo Study on an Orthotopic Murine Model of Breast Cancer. Sevieri M, Sitia L, Bonizzi A, Truffi M, Mazzucchelli S, Corsi F. *Int. J. Mol. Sci.* 2021,22, 1601. <https://doi.org/10.3390/ijms22041601>.
- Combined Method to Remove Endotoxins from Protein Nanocages for Drug Delivery Applications: The Case of Human Ferritin. Silva F, Sitia L, Allevi R, Bonizzi A, Sevieri M, Morasso C, Truffi M, Corsi F, Mazzucchelli S. *Pharmaceutics* 2021, 13, 229. <https://doi.org/10.3390/pharmaceutics13020229>.
- Anti-MAdCAM-1-Conjugated Nanocarriers Delivering Quantum Dots Enable Specific Imaging of Inflammatory Bowel Disease. Truffi M, Sevieri M, Morelli L, Monieri M, Mazzucchelli S, Sorrentino L, Allevi R, Bonizzi A, Zerbi P, Marchini B, Longhi E, Sampietro GM, Colombo F, Prosperi D, Colombo M, Corsi F. *Int J Nanomedicine*. 2020 Nov 2;15:8537-8552. doi: 10.2147/IJN.S264513.
- Prediction of nodal staging in breast cancer patients with 1-2 sentinel nodes in the 2011 era. Corsi F, Sorrentino L, Albasini S, Bossi D, Morasso C, Villani L, Truffi M. *Medicine (Baltimore)*. 2020 Aug 28;99(35):e21721. doi: 10.1097/MD.00000000000021721.
- Indocyanine Green Nanoparticles: Are They Compelling for Cancer Treatment? Sevieri M, Silva F, Bonizzi A, Sitia L, Truffi M, Mazzucchelli S, Corsi F. *Front Chem*. 2020 Jul 16;8:535. doi: 10.3389/fchem.2020.00535.
- Co-administration of H-ferritin-doxorubicin and Trastuzumab in neoadjuvant setting improves efficacy and prevents cardiotoxicity in HER2 + murine breast cancer model. Andreato F, Bonizzi A, Sevieri M, Truffi M, Monieri M, Sitia L, Silva F, Sorrentino L, Allevi R, Zerbi P, Marchini B, Longhi E, Ottria R, Casati S, Vanna R, Morasso C, Bellini M, Prosperi D, Corsi F, Mazzucchelli S. *Sci Rep*. 2020 Jul 10;10(1):11425. doi: 10.1038/s41598-020-68205-w.
- Raman spectroscopy reveals biochemical differences in plasma derived extracellular vesicles from sporadic Amyotrophic Lateral Sclerosis patients. Morasso CF, Sproviero D, Mimmi MC, Giannini M, Gagliardi S, Vanna R, Diamanti L, Bernuzzi S, Piccotti F, Truffi M, Pansarasa O, Corsi F, Cereda C. *Nanomedicine*. 2020 Oct;29:102249. doi: 10.1016/j.nano.2020.102249.
- Management of breast cancer in an EUSOMA-accredited Breast Unit in Lombardy, Italy, during the COVID-19 pandemic. Corsi F, Caruso A, Albasini S, Bossi D, Polizzi A, Piccotti F, Truffi M. *Breast J*. 2020 Aug;26(8):1609-1610. doi: 10.1111/tbj.13926.
- MnO Nanoparticles Embedded in Functional Polymers as T1 Contrast Agents for Magnetic Resonance Imaging. Mauri M, Collico V, Morelli L, Das P, Garcia I, Penaranda Avila J, Bellini M, Rotem R, Truffi M, Corsi F, Simonutti R, Liz-Marzán LM, Colombo M, Prosperi D. *ACS Appl. Nano Mater*. 2020, 3, 4, 3787–3797
- Raman spectroscopy characterization of the major classes of plasma lipoproteins. Ricciardi A, Piuri G, Della Porta M, Mazzucchelli S, Bonizzi A, Truffi M, Sevieri S, Allevi R, Corsi F, Cazzola R, Morasso C. *Vibrational Spectroscopy*. 2020, 109, 103073. doi.org/10.1016/j.vibspec.2020.103073.
- Raman analysis reveals biochemical differences in plasma of Crohn's Disease patients. Morasso C, Truffi M, Vanna R, Albasini S, Mazzucchelli S, Colombo F, Sorrentino L, Sampietro G, Ardizzone S, Corsi F. *J Crohns Colitis*. 2020 Nov 7;14(11):1572-1580. doi: 10.1093/ecco-jcc/jjaa080.
- Fibroblasts in the Tumor Microenvironment. Truffi M, Sorrentino L, Corsi F. *Adv Exp Med Biol*. 2020;1234:15-29. doi: 10.1007/978-3-030-37184-5_2.
- Theranostic application of miR-429 in HER2+ breast cancer. Cava C, Novello C, Martelli C, Lodico A, Ottobriani L, Piccotti F, Truffi M, Corsi F, Bertoli G, Castiglioni I. *Theranostics*. 2020 Jan 1;10(1):50-61. doi: 10.7150/thno.36274. eCollection 2020.
- Everolimus Nanoformulation in Biological Nanoparticles Increases Drug Responsiveness in Resistant and Low-Responsive Breast Cancer Cell Lines. Bonizzi A, Truffi M, Sevieri M, Allevi R, Sitia L, Ottria R, Sorrentino L, Sottani C, Negri S, Grignani E, Mazzucchelli S, Corsi F. *Pharmaceutics*. 2019 Aug 2;11(8). pii: E384. doi:10.3390/pharmaceutics11080384.
- Establishment and Morphological Characterization of Patient-Derived Organoids from Breast Cancer. Mazzucchelli S, Piccotti F, Allevi R, Truffi M, Sorrentino L, Russo L, Agozzino M, Signati L, Bonizzi A, Villani L, Corsi F. *Biol Proced Online*. 2019 Jun 15;21:12. doi: 10.1186/s12575-019-0099-8. eCollection 2019.
- Radio-guided and clip-guided preoperative localization for malignant microcalcifications offer similar performances in breast-conserving surgery. Corsi F, Bossi D, Sartani A, Papadopoulou O, Amadori R, Scoccia E, Trifirò G, Albasini S, Truffi M, Bonizzi A, Sorrentino L. *Breast J*. 2019 Sep;25(5):865-873. doi: 10.1111/tbj.13354. Epub 2019 Jun 11

- Autologous fat transfer after breast cancer surgery: An exact-matching study on the long-term oncological safety. Sorrentino L, Regolo L, Scoccia E, Petrolo G, Bossi D, Albasini S, Caruso A, Vanna R, Morasso C, Mazzucchelli S, Truffi M, Corsi F. *Eur J Surg Oncol*. 2019 Oct;45(10):1827-1834. doi: 10.1016/j.ejso.2019.05.013. Epub 2019 May 21.
- Nano-Strategies to Target Breast Cancer-Associated Fibroblasts: Rearranging the Tumor Microenvironment to Achieve Antitumor Efficacy. Truffi M, Mazzucchelli S, Bonizzi A, Sorrentino L, Allevi R, Vanna R, Morasso C, Corsi F. *Int J Mol Sci*. 2019 Mar 13;20(6). pii: E1263. doi: 10.3390/ijms20061263. Review.
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- Increase in chromogranin A and serotonin-positive cells in pouch mucosa of patients with ulcerative colitis undergoing proctocolectomy. Giuffrida P, Vanoli A, Biletta E, Klersy C, Bergamaschi G, Sampietro GM, Ardizzone S, Luinetti O, Martino M, Lenti MV, Aronico N, Curti M, Manca R, Fociani P, Truffi M, Corsi F, Corazza GR, Di Sabatino A. *Dig Liver Dis*. 2018 Apr 28. pii: S1590-8658(18)30718-7. doi: 10.1016/j.dld.2018.04.021.
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- Inhibition of fibroblast activation protein restores a balanced extracellular matrix and reduces fibrosis in Crohn's disease strictures ex vivo. Truffi M, Sorrentino L, Monieri M, Fociani P, Mazzucchelli S, Bonzini M, Zerbi P, Sampietro GM, Di Sabatino A, Corsi F. *Inflamm Bowel Dis*. 2018 Jan 18;24(2):332-345. doi: 10.1093/ibd/izx008.
- A novel indocyanine green fluorescence-guided video-assisted technique for sentinel node biopsy in breast cancer. Sorrentino L, Sartani A, Pietropaolo G, Bossi D, Mazzucchelli S, Truffi M, Foschi D, Corsi F. *World J Surg*. 2018 Feb 5. doi: 10.1007/s00268-018-4534-9.
- Sentinel node biopsy in ductal carcinoma in situ of the breast: never justified? Sorrentino L, Sartani A, Bossi D, Amadori R, Nebuloni M, Truffi M, Bonzini M, Riggio E, Foschi D, Corsi F. *Breast J*. 2017 Oct 11. doi: 10.1111/tbj.12928.
- H-Ferritin-nanocaged olaparib: a promising choice for both BRCA-mutated and sporadic triple negative breast cancer. Mazzucchelli S, Truffi M, Baccarini F, Beretta M, Sorrentino L, Bellini M, Rizzuto MA, Ottria R, Ravelli A, Ciuffreda P, Prosperi D, Corsi F. *Sci Rep*. 2017 Aug 8;7(1):7505. doi: 10.1038/s41598-017-07617-7.
- Nano-targeting of mucosa addressin cell adhesion molecule-1 identifies bowel inflammation foci in murine model. Truffi M, Colombo M, Peñaranda-Avila J, Sorrentino L, Colombo F, Monieri M, Collico V, Zerbi P, Longhi E, Allevi R, Prosperi D, Corsi F. *Nanomedicine (Lond)*. 2017 Jul;12(13):1547-1560. doi: 10.2217/nnm-2017-0004. Epub 2017 Jun 16.
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- Cavity shaving reduces involved margins and reinterventions without increasing costs in breast-conserving surgery: a propensity score-matched study. Corsi F, Sorrentino L, Bonzini M, Bossi D, Truffi M, Amadori R, Nebuloni M, Brillat B, Mazzucchelli S. *Ann Surg Oncol*. 2017 Jun;24(6):1516-1524. doi: 10.1245/s10434-017-5774-x. Epub 2017 Jan 23.
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control in diabetic rats. Salvioni L, Fiandra L, Del Curto MD, Mazzucchelli S, Allevi R, Truffi M, Sorrentino L, Santini B, Cerea M, Palugan L, Corsi F, Colombo M. Pharmacol Res. 2016 Aug;110:122-130. doi: 10.1016/j.phrs.2016.05.016. Epub 2016 May 12.

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- Targeted approaches for HER2 breast cancer therapy: news from nanomedicine? Mazzucchelli S, Truffi M, Fiandra L, Sorrentino L, Corsi F. Wourl J Pharmacol. 2014 December 9; 3(4): 72-85.
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CONGRESSES

Scientific communications
at international conferences
and events

20

- **ESMO Breast Cancer 2023, Berlin, Germany** – 11-13 may 2023 - Abstract 27P selected for poster presentation
- **Simoa® Success Seminar, Athens, Greece** – 11-12 oct 2022 – invited speaker
- **17th international conference on Bio-Sensing Technology, Sitges, Spain** – 22-25 may 2022 - Abstract RC27 selected for oral presentation
- **2nd international conference on Cell and Experimental Biology (CEB2021)** – virtual event 12-14 july 2021 - Abstract selected for oral presentation in session “Cell Signaling and Cancer Biology”
- **16th congress of European Crohn’s and Colitis Organisation**– virtual event 8-10 july 2021 - Abstract P132 selected for poster presentation
- **ACC conference “New technology and strategies to fight cancer”** – virtual event 28-30 oct. 2020 – 3 Abstracts accepted for poster presentation
- **XVII NIBIT Meeting, Verona, Italy** – 11-13 oct. 2019 – Abstract selected for oral presentation
- **4th World Congress on Recent Advances in Nanotechnology, Rome, Italy** - 14-16 apr. 2019 - Abstract ID 102 selected for oral presentation
- **NDDTE 2018 - 3rd World Congress on Recent Advances in Nanotechnology, Budapest, Hungary** - 10-12 apr. 2018 -Abstract ID 117 selected for oral presentation
- **13th congress of European Crohn’s and Colitis Organisation, Vienna, AT** - 14-17 feb. 2018 - Abstract P041 selected for oral presentation during Y-ECCO Basic Science workshop
- **SABCS’18 - 40th Annual San Antonio Breast Cancer Symposium, San Antonio, Texas, US** - 5-9 dec. 2017 - Poster P1-10-11
- **BIT’s 7th Annual Symposium of Drug Delivery Systems (SDDS-2017), Prague, CZ** - 12-14 july 2017 - Invited speaker during session “Nanoparticles and Nanocapsules in Drug Delivery”

- **10th International Conference and Exhibition on Pharmaceuticals and Novel Drug Delivery Systems, London, UK** - 13-15 march 2017 - Abstract selected for oral presentation during session "Drug Targeting and Design"
- **28th Conference of Italian Association of Cell Cultures, Naples, IT** - 16-17 nov. 2015 - Poster presentation
- **5th International Conference and Exhibition on Pharmaceuticals and Novel Drug Delivery Systems, Dubai, UAE** - 16-18 march 2015 - Abstract selected for oral presentation
- **Back from San Antonio**, Genova, IT - 16-17 jan. 2015
- **27th Conference of Italian Association of Cell Cultures, Verona, IT** - 12-14 nov. 2014
- **12th International Nanomedicine and Drug Delivery Symposium, Chapel Hill, North Carolina, US** - 6-8 oct. 2014 - Poster presentation
- **Gordon Research Conference "Signaling by Adhesion Receptors", Waterville, Maine, US** - 24-29 jun. 2014 - Poster presentation
- **18th PhD Meeting of the Université Paris Diderot-Paris 7, Paris, FR** - may 2012 - Abstract selected for oral presentation
- **14th Young Researchers and Life Science Meeting, Paris, FR** - feb. 2012 - Poster presentation
- **17th PhD Meeting of the Université Paris Diderot -Paris 7, Paris, FR** - may 2011 - Poster presentation

Autorizzo il trattamento dei dati personali presenti nel cv ai sensi del Decreto Legislativo 196/30 giugno 2003 "Codice in materia di protezione dei dati personali" e del GDPR (Regolamento UE 2016/679)

Pavia, November 22, 2023

Marta Truppi