



Ministero della Salute
DIREZIONE GENERALE DELLA RICERCA E DELL'INNOVAZIONE IN SANITA'
PIANO NAZIONALE PER GLI INVESTIMENTI COMPLEMENTARI
AL PIANO NAZIONALE DI RIPRESA E RESILIENZA
PROGRAMMA "ECOSISTEMA INNOVATIVO DELLA SALUTE"

Codice univoco investimento: PNC-E.3

Annex 2 – Curriculum Vitae of those engaged in LSH-TA

(This attachment must be completed and digitally signed by those engaged in the implementation of the LSH)

Curriculum Vitae

Personal information

First name(s) / Surname(s) **Lucia Mazzotti**
 Address(es)
 Telephone(s) **lucia.mazzotti@irst.emr.it**
 E-mail
 Nationality **Italian**
 Date of birth **11.07.1992**
 Gender **Female**

Occupational field

Work experience

Oncology research – Immunotherapy Unit

March 2021 – currently
 Oncology researcher, “Adoptive Cell Therapy CAR-T”

Occupation or position held

Main activities and responsibilities

- Research and development of lenti/retroviral vectors and non-viral platforms for Car-T therapy in hematology and solid tumors;
- Screening of new antibodies to identify any therapeutic properties for Immunotherapy application;
- ACT4Covid project;
- Application of NGS techniques for immune repertoire sequencing.

Name and address of employer **IRCCS Istituto Romagnolo per lo Studio dei Tumori “Dino Amadori” – IRST S.r.l, 40, Via Piero Maroncelli, 47014, Meldola (FC), Italy**

Type of business or sector **Immunotherapy, Cell Therapy and Biobank Unit**

January 2018 – March 2021

R&D Biologist, Microbiology field

- Application of Microbiology Techniques;
- Analysis of microbiological quality control;
- Application of molecular biology techniques;
- Use of HT29, HeLa, CaCo2 cell cultures for adhesion assays;

Synbiotec S.r.l, spin-off of Unicam, Loc. Torre del Parco, 62032, Camerino (MC), Italy

Education and training

Dates **Agoust 2022 – currently**

Title of qualification awarded **PhD student “Biomedical and Neuromotor Sciences”**



Principal subjects/occupational skills covered	Identification of SARS-COV-2 and of human fusion proteins specific TCRs via TCR repertoire sequencing																																							
Name and type of organisation providing education and training	University of Bologna																																							
Level in national or international classification	PhD																																							
Personal skills and competences (Biographical sketch)	March 2017																																							
	Master of Science in Health Biology																																							
	University of Bologna																																							
	M.Sc.																																							
	December 2014																																							
	Bachelor's degree in Biological Sciences																																							
	University of Bologna																																							
	B.S.																																							
Mother tongue(s)	Italian																																							
Other language(s)	English,																																							
Self-assessment	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th><th colspan="2"></th></tr><tr><td></td><td>B2</td><td></td><td>C1</td><td></td><td>B2</td><td></td><td>B2</td><td></td><td></td></tr></table>										Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production					B2		C1		B2		B2		
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<i>European level (*)</i>																																								
English																																								
	(*) Common European Framework of Reference for Languages																																							
ORCID, Researcher ID, ORCID	0000-0002-1253-8823																																							



Publications

Mazzotti L., Fratacangeli L., Coman M.M., Verdenelli M.C., Orpianesi C., Cresci A. Golosi di benessere: cioccolato probiotico – alimento funzionale innovativo. *Rivista di Scienza dell’Alimentazione*, numero III, Settembre - Dicembre 2018, Anno 47.

Coman M.M., **Mazzotti L.**, Silvi S., Scalise A., Orpianesi C., Cresci A., Verdenelli M.C. Antimicrobial activity of SYN BIO® probiotic formulation in pathogens isolated from chronic ulcerative lesions: in vitro studies. *J Appl Microbiol.* 2019 Oct 10.

Bravaccini S., Nicolini F., Balzi W., Azzali I., Calistri A., Parolin C., Vitiello A., Biasolo M.A., **Mazzotti L.**, Gaimari A., Maltoni R., Altini M., Falcini F., Montella M.T., Nanni O., Ravaoli S., Pirini F., Tumedei M.M., Cortesi M., Zanoni M., Cerchione C., Sambri V., Ibrahim T., Martinelli G., Mazza M. Tamoxifen protects breast cancer patients from COVID-19: first evidence from real world data. *Research Square.* 2021 – Preprint.

Nascimento Silva D., Chrobok M., Rovesti G., Katie Healy, Wagner A. K., Maravelia P., Gatto F., Mazza M., **Mazzotti L.**, Lohmann V., Sallberg Chen M., Sallberg M., Buggert M., Pasetto A. Process development for adoptive cell therapy in academia: a pipeline for clinical-scale manufacturing of multiple TCR-T cell products. *Frontiers in Immunology.* 2022.

Mazzotti L., Gaimari A., Nicolini F., Bravaccini F., Maltoni R., Cerchione C., Juan M., Azucena-Gonzalez Navarro E., Pasetto A., Nascimento Silva D., Ancarani V., Sambri V., Calabrò L., Martinelli G., Mazza M. - T-Cell Receptor Repertoire sequencing and its applications: focus on infectious diseases and cancer. *International Journal of Molecular Sciences.* 2022.

Egri N., Olivé V., Hernández-Rodríguez J., Castro P., De Guzman C., Heredia L., Castellet Segura A., Fernandez M.D., de Moner N., Torradeflot M., Ballús J., Martinez R., Vazquez M., Vidal Costa M., Dobaño C., Mazza M., **Mazzotti L.**, Pascal M., Juan M., González A., Calderón H. CoVITEST: A fast and reliable method to monitor the anti-SARS-CoV-2 specific T-cells from whole blood. *Frontiers in Immunology.* 2022.

Bravaccini S., Nicolini F., Zanoni M., Gaimari A., Cerchione C., Maltoni R., Pirini F., **Mazzotti L.**, Cortesi M., Ravaoli S., Tumedei M.M., Mazza M. Why the complications of COVID-19 patients differ in elderly and young cancer patients. *Translational Oncology.* 2022.

Date, 23.12.2022

Signature