

PERSONAL INFORMATION

Ottavia Tartagni✉ ottavia.tartagni@irst.emr.it

WORK EXPERIENCE

Dec 2022-present**Clinical Research Project Manager***IRCCS Istituto Romagnolo per lo Studio dei Tumori "Dino Amadori" – IRST s.r.l*

- Supporting the clinical research process by coordinating the research team and facilitating its activities
- Management and monitoring the trial GANNT, Milestones and Project management plan
- Overseeing and monitoring the trials risk assessment plan
- Prepare Annual Safety Report in collaboration with the Pharmacovigilance
- Verifying patient eligibility and management of study procedures
- Update the promoter/financier in accordance to the study contract
- Maintaining constant surveillance on the trial progress

April - Dec 2022**Post-Doc Researcher - AIRC fellowship***Alma Mater Studiorum University of Bologna**Biochemistry and Biology of Mitochondria (Prof. AM Porcelli)*

- Metabolic and molecular profiling of ovarian cancer
- Manipulation of IRCCS Sant'Orsola Hospital patients samples
- Biochemical and cellular analysis of ovarian cancer cells in ascitic fluid samples

Nov2018 - Jan 2022**PhD Fellow in Cellular and Molecular Biology***(Thesis defense in June 2022)**Alma Mater Studiorum University of Bologna*

- Advanced in-vitro cell culture models
- Culture of wide variety of tumor cells (2D-3D)
- Prototyping microstructured device for 3D cell culture
- Design and fabrication of microfluidic system for cell communication investigation
- Microscopy analysis of 2D and 3D cellular specimens
- Co-supervisor of bachelor and master students experimental thesis

PhD project**Dec 2021-Nov 2022****Didactic Tutor (CHIM/06)**

- Organizing laboratory materials and scheduling didactic activities
- Helping and supervising students during exercitations

May - August 2021

Description

University

Visiting Researcher - KU Leuven University

Molecular Imaging and Photonics Lab (Prof.Hofkens group). Advanced microscopy techniques: Two-photon microscope (Leica MP TCS SP8 DIVE, multi-photon Insight X3 laser), Light-sheet microscope (Zeiss, Z.1)
Katholieke Universiteit Leuven (Leuven, BE)

Jan. – Feb. 2020**Visiting Researcher - Drexel University***Drexel University College of Medicine-Philadelphia, PA (US)*

Description

Fellowship program "Building the Next Generation of Outlooking Scientist" (Profs. Meucci and Brandimarti). Pharmacy and Biotechnology (FaBiT) department student ambassador to facilitate building a university network and encouraging scientific collaboration with the Dept. of Pharmacology and Physiology.

Project details

<https://drexel.edu/news/archive/2020/february/new-italian-exchange-program-encourage-scientific-collaboration-and-understanding>

Mar - Sep 2017

Research Internship – M.Sci Thesis

Entirely spent at Université René Descartes, Paris V

Thesis

Thesis in General Pathology: “Characterization of Hepatic Stellate Cells in different mouse models of metabolic liver fibrosis” (Prof. Virginie Escriou, CNRS FR - Prof. Elena Maestini, UniBo)

Thesis highlights

Liver fibrosis mechanisms of development, Non-alcoholic Fatty Liver Disease (NAFLD), NASH and Hepatic Stellate Cells (HSC); use of mouse models, immunohistochemistry, pathological anatomy and analytical chemistry techniques

Jun - Nov 2015

Research Internship – BS Thesis

Centre for Applied Biomedical Research (C.R.B.A) at S. Orsola-Malpighi University Hospital, Bologna

Thesis

Thesis in Medical Genetics: “DNA sequencing techniques from Sanger to NGS: application to genes associated with Familial Intrahepatic Cholestasis” (Prof. Vilma Mantovani)

Thesis highlights

Genetic analysis of PFIC (Progressive Familial Intrahepatic Cholestasis) patients samples based on targeted Next-Generation Sequencing, in order to introduce it into the routine diagnostics to replace the traditional sequencing based on Sanger technique

EDUCATION AND TRAINING

11/2018-01/2021

Ph.D. in Cellular and Molecular Biology

Alma Mater Studiorum University of Bologna

excellent

Academic Year
2015/2016-2016/2017

Master of Science, M.Sci – Health Biology

Alma Mater Studiorum University of Bologna

110/110 cum laude

Academic Year
2012/2013–2014/2015

Bachelor of Science, BS

Alma Mater Studiorum University of Bologna

110/110 cum laude

Academic Year
2005/2006 – 2010/2011

High School Degree

Liceo Classico Tradizionale “G.B. Morgagni”, Forlì (FC)

PERSONAL SKILLS

Mother tongue	Italian				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Very good	Very good	Very good	Very good	Very good
	B2				
French	Good	Good	Basic	Basic	Basic
	A2				
	Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages				
03/2010 English language courses	Colchester English Study Center				
04/2017-06/2017 French language course	Citè Internationale Universitaire de Paris, niveau A2				

Communication skills

Good communication skills gained through my experience as PhD and PostDoc fellow

Job-related skills	Very good integration in working teams and skills to share knowledge and resources among peers
Technical skills and competences	Experience in the main laboratory activities and in laboratory animal facility Experience in: <ul style="list-style-type: none">• Human and mice sample manipulation• Fluorescence microscope• Confocal microscope (CLSM), Two-photon microscope (TPM)• HPLC• Histological preparations and use of microtome• Immunohistochemistry techniques• PCR• Standard and three-dimensional cell cultures• Microfluidics
Digital competences	Windows e OSX operating systems Microsoft Office and Open Office Competence in Oligo™ (primer analysis software)
Driving licence	B

ADDITIONAL INFORMATION

Publications *Sequential immunochemotherapy treatment with Pembrolizumab plus Dendritic Cell Vaccine followed by Trifluridine/Tipiracil plus Bevacizumab (CombiCoR-Vax) in refractory mismatch-repair-proficient or microsatellite-stable metastatic colorectal cancer: study protocol of a phase 2 multicentric study.* A. Passardi, FG. Sullo, A. Bittoni, L. Matteucci, J. Bulgarelli, M. Tazzari, M. Petrini, E. Scarpi, S. Testoni, A. Miserocchi, **O. Tartagni**, C. Zani, ML. Iaia, I. Toma, M. Barberio, E. Tamburini, L. Ridolfi **2025** (submitted, under peer review)

Tartagni O, Borók A, Mensà E, Bonyár A, Monti B, Hofkens J, Porcelli AM, Zuccheri G. Microstructured soft devices for the growth and analysis of populations of homogenous multicellular tumor spheroids. *Cell Mol Life Sci.* **2023** Mar 16;80(4):93. [10.1007/s00018-023-04748-1](https://doi.org/10.1007/s00018-023-04748-1)

Petralla, S.; De Chirico, F.; Miti, A.; **Tartagni, O.**; Massenzio, F.; Poeta, E.; Virgili, M.; Zuccheri, G.; Monti, B. Epigenetics and Communication Mechanisms in Microglia Activation with a View on Technological Approaches. *Biomolecules* **2021**, 11, 306. [10.3390/biom11020306](https://doi.org/10.3390/biom11020306)

Abstracts *Home nursing activities in clinical practice: the IRST experience:* F. Mannozi, O. Nanni, S. Prati, L. Pisotti, M. Barzanti, S. Maltoni, N. Perini, M. Bragagni, P. Serra, A. Miserocchi, **O. Tartagni**, F. Foca, U. DeGiorgi, L. Ballanti, S. Montalti, M. Tegas, M F. Zona, M. Palleschi (Abstract, XXVI congresso nazionale AIOM **2024**)

Large Population Of Homogeneous Spheroids Models For Testing Toxicity And Diffusion Of Nanomaterials: E. Mensà, **O Tartagni**, F. Farabegoli, R. Brandimarti, D. De Biase, G. Zuccheri (Abstract, ISTISAN **2023**)

Thesis co-supervisor

- “Cellule staminali neurali e linee cellulari tumorali: coltura e caratterizzazione di sferoidi dimensionalmente omogenei” - 2019
- “Modello semplificato di neuroinfiammazione in microfluidica” – 2020
- “Analisi del fenomeno della transattivazione tra cellule della microglia N9 e HMC3 in dispositivo di microfluidica per co-culture cellulari self-made e low-cost” – 2020
- “Sviluppo di tecniche di coltura cellulare microfluidiche per lo studio della propagazione delle malattie neurodegenerative” – 2021
- “Metodiche di coltura cellulare avanzata per lo studio delle malattie neurodegenerative e dei tumori solidi” - 2022

- Presentations** Clinical Trial Academy (III Edition, May 2024) - Oral presentation for CRO IRST
Annual PhD workshop, Bologna (July 2019, Sept. 2020, Sept. 2021) Oral presentation
- Conferences**
- Reproducible growth of 3D cell spheroids for drug testing: O Tartagni, Aborók, A Bonyár, E Michelini, B Monti, AM Porcelli, G Zuccheri. Italian Society of Biophysics and Molecular Biology (SIBBM, Bologna, 2019). Poster discussion
 - Large Population Of Homogeneous Spheroids Models For Testing Toxicity And Diffusion Of Nanomaterials: E. Mensà , O Tartagni, F. Farabegoli, R. Brandimarti, D. De Biase, G. Zuccheri (Abstract, ISTISAN 2023)
 - Home nursing activities in clinical practice: the IRST experience. XXVI congresso nazionale 2024 (Abstract)
- Seminars**
- SARS-CoV-2 Biology and COVID-19: Current research and perspectives (FISV) (Online event)
- Courses**
- Clinical Trial Academy, IRST IRCCS (Edition I-III 2022-2024)
 - Annual GCP training update (2022-2025)
 - Lung Cancer: where we are? 2°-3° edition IRST IRCCS
 - Annual workshop on the topics of Research in Molecular and Cellular Biology (16 hr)
 - Livecyte, cell-imaging (Webinar)
 - Stem cells isolation and characterization from embryonic adnexa: placental stem cells
 - Biostatistics, TRANSMIT
 - Handling of Radioisotopes in Biology (12 hr)
 - Basic course in Science of Laboratory Animals (12 hr)
 - Introduction to research funded by the European Union and Enhancement Protection of Intellectual Property (6 hr)
 - Calorimetry, light- scattering and circular dichroism: Theory and applications for the characterization of proteins in solution (12 hr)
 - The use of statistics in biomedical research, AISAL certificated course
 - Methods in Biomedical Research, Global Classroom Drexel University (32 hrs)
 - Design and Interpretation of Clinical Trials (Johns Hopkins University, certificated course)

I authorize the processing of personal data present in the CV pursuant to Legislative Decree .Lgs. 101/2018 and of the GDPR (EU Regulation 2016/679)