

## ● EDUCATION AND TRAINING

---

01/11/2018 – CURRENT – Ferrara, Italy

**Industrial PhD Student of higher Apprenticeships in Molecular Medicine** – University of Ferrara

She's studying "Epigenetic and cell biology assays on adult mesenchymal stem cells and tumor cells grown into innovative drug-delivery/tissue-regenerative materials for the bone regrow and cure of bone diseases"

EQF level 8

11/2019 – Ferrara, Italy

**Italian National Order of Biologists qualification** – University of Ferrara

Italian license to practice as a biologist, the professional activity.

01/10/2016 – 27/09/2018 – Ferrara, Italy

**Master's Degree in Biotechnology for Environment and Health (LM-8)** – University of Ferrara

- Pharmacological Knowledge (design and preparation of drugs and biotechnological active ingredients, pharmacology in biotechnology, cosmetics, applied phytochemistry and biotechnology of officinal plants);
- Competitions in biotechnology and bioinformatics (bioinformatics and genomic analysis, consultation of databases biology applied to biotechnologies, astrobiology, applied biocatalysis, metagenomics);
- Knowledge and skills in the environmental field (environmental biochemistry, environmental impact, ecology, environmental quality controls and certifications, environmental impact assessment and knowledge of the relevant regulations);
- Biomedical and molecular knowledge (microbiology, molecular virology, allergology and immunopathology, biomaterials, medical device technology, molecular bases disease and OMICA and molecular diagnosis).

EQF level 7

15/10/2013 – 19/07/2016 – Ferrara, Italy

**Degree in Biological Sciences (L-13)** – Università degli studi di Ferrara

EQF level 6

09/2008 – 07/2013 – Ostuni, Italy

**Classical High School Degree** – "Liceo Classico Antonio Calamo"

EQF level 4

## ● PUBLICATIONS

---

### Publications

- Mazzoni E, Pellegrinelli E, Mazziotta C, Lanzillotti C, Rotondo JC, Bononi I, Iaquinta MR, Manfrini M, Vesce F, Tognon M, Martini F, Mother-to-child transmission of oncogenic polyomaviruses BKPyV, JCPyV and SV40. *J Infect.* 2020 Feb 22. pii: S0163-4453(20)30091-8. doi: 10.1016/j.jinf.2020.02.006. Impact Factor (IF) JCR 2018=4.603.
- Lanzillotti C, Gene expression changes during cancer progression in cervical neoplastic keratinocyte. Proceedings of the 18th Congresso Nazionale della Associazione Italiana di Biologia e Genetica Generale e Molecolare, 21 September 2018.
- She is co-authors in 12 abstracts. Proceedings of the 18th Congresso Nazionale della Associazione Italiana di Biologia e Genetica Generale e Molecolare, 21 September 2018.
- She is co-authors of "Hypermethylation-Induced Inactivation Of Irf6 And RarB Genes As Potential Prognostic Biomarker In Vulvar Squamous Cell Carcinoma", Rotondo JC et al., ISSVD - International Society for the Study of Vulvo-Vaginal Disease. XXV World Congress - September 18 - 20, 2019 – Torino, Italy.
- Rotondo JC, Otòn Gonzalez L, Selvatici R, Rizzo P, Pavasini R, Campo GC, Lanzillotti C, De Mattei M, Tognon M, Martini F. Methylation of SERPINA1 gene promoter in blood cells affects serum alpha1-antitrypsin levels in healthy individuals, Submitted.
- Rotondo JC, Otón-Gonzalez L, Mazziotta C, Lanzillotti C, Iaquinta MR, Tognon M, Martini F. High analytical detection of Human Papillomavirus DNA load by droplet digital PCR in clinical specimens, Submitted.
- Rotondo JC, Tagliapietra A, Magagnoli F, Mazziotta C, Oton-Gonzalez L, Lanzillotti C, Contini C, Vesce F, Tognon M, Martini F, Spontaneous abortion and Human Papillomavirus infection, Submitted.
- Mazzoni E, Mazziotta C, Iaquinta MR, Lanzillotti C, D'Agostino A, Trevisiol L, Tognon M, Martini F. Human Bone Marrow-Derived Mesenchymal Stem cells gene expression were modulated from Hydroxyapatite/Collagen Scaffold, Submitted.

## ● POSTER

---

### Poster

- Rotondo JC, Bononi I, Mazzoni E, Torreggiani E, Oton-Gonzalez L, Iaquinta MR, Lanzillotti C, Mazziotta C, Tognon M and Martini F. Hypermethylation-induced inactivation of IRF6 and RARB genes as a potential prognostic biomarker in vulvar squamous cell carcinoma. 61th Annual Meeting of the Italian Cancer Society - Naples, Italy, 06-08 November, 2019.

## ● CERTIFICATIONS

---

### Certifications

- Certifications SECURITY TRAINING IN THE WORKPLACE IN ACCORDANCE WITH D.LGS.81 / 2008 AND S.M.I., 21/02/2017.
- Certificate of 24CFU for teaching.

## ● NETWORKS AND MEMBERSHIPS

---

### Memberships

Member of Associazione Italiana Biologia e Genetica AIBG since June 2018.

## ● WORK EXPERIENCE

---

10/2017 – 09/2018

**INTERNSHIP** – University of Ferrara, Department of Morphology, Surgery and Experimental Medicine

---

Research activities about human cancer and DNA oncogenic viruses (Polyomavirus and Papillomavirus); biotech applications in oncology and virology.

Ferrara, Italy

2016

**INTERNSHIP** – University of Ferrara, Section of Medical Genetics, Department of Experimental and Diagnostic Medic

---

Prenatal diagnosis of the main chromosomal aberrations implementing QF-PCR (Quantitative Fluorescence Polymerase Chain Reaction), reconstruction of standard karyotype and FISH. Electropherogram's interpretation generated through Gene Mapper 4.0 software.

Ferrara, Italy

## ● LANGUAGE SKILLS

---

Mother tongue(s): ITALIAN

ENGLISH B2	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
		B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DRIVING LICENCE

---

Driving Licence: B

## ● ORGANISATIONAL SKILLS

---

### Organisational skills

- Good collaboration skills acquired during the volunteer experience as a trainer Athletics;
- Good collaborative skills acquired during the traineeship experience in the Medical Genetics laboratory;
- Good management skills acquired as a member of sports club's management team;
- Excellent collaborative skills acquired during college experience;
- Availability to carry out journeys for work, if necessary.

## ● COMMUNICATION AND INTERPERSONAL SKILLS

---

### Communication and interpersonal skills

- Excellent relational skills with children acquired during the volunteer experience as Athletic trainer;
- Good communicative skills with audience acquired during the experience as a waitress in a cocktail bar and pizzeria;
- Constructive attitude and great sense of the presence of multicultural environments where it was indispensable to interact with others to achieve a shared objective;
- Good communicative and relational skills developed both at university level for group projects and private lessons, as well as for work on telephone communications and internal communications;
- Group spirit and ability to manage group work and perceived individual needs.

## ● JOB-RELATED SKILLS

---

### **Job-related skills**

- Good knowledge of laboratory techniques such as DNA, RNA and protein extraction from cell cultures and tissue samples, snap frozen and FFPE tissue specimens, epigenetic analysis by bisulfite conversion of DNA, PCR: End-Point, RT-qPCR, ddPCR, QF-PCR, DNA sequence analysis, indirect ELISA test, immunoblotting and immunoprecipitation, immunohistochemistry, immortalization human cell lines, primary cell culture of human keratinocytes and fibroblasts from fresh tissues, cell staining, treatment of cell line, immunofluorescence, drafting technical documents, data analysis through software: GraphPad Prism7, CFX Manager, Gene Mapper, Chromas

## ● DIDACTIC SKILLS

---

### **Didactic skills**

- Good didactic skills acquired following student carrying out thesis;
- Good knowledge of first aid techniques obtained by attending a BLSD seminar.