

## TRAINING

1997: Bachelor's Degree, in Biological Sciences, University of Modena and Reggio Emilia, with the final score of 110/110 cum laude.

1998: qualified to practice as a Biologist at the University of Modena.

2004: PhD Degree in Hepatological Sciences, University of Modena and Reggio Emilia.

2005: Title of Specialist in Clinical Chemistry and Biochemistry, University of Modena and Reggio Emilia (score 110/110).

## RESEARCH ACTIVITY

1996 to 1998 Laboratory of Cell Biology, University of Modena and Reggio Emilia, coordinated by Prof. Sergio Ferrari, in the field of gene regulation of proliferation and cell differentiation; learned: purification of nucleic acids, Southern blot, Northern blot, Western-Blotting, gene subcloning into vectors, expression of recombinant genes in prokaryotic and eukaryotic cells. RT-PCR, PCR, DNA sequencing, and the following techniques of cell biology: cell culture, transfection, studies of apoptosis and cell differentiation. 1998 to 2005 Laboratory of Iron Metabolism, University of Modena and Reggio Emilia, coordinated by Prof. Antonello Pietrangelo, focused on the study of liver diseases. Performed diagnostic activity through gene sequencing, and DHPLC for identification of point mutations of various genes. Improved molecular and cellular biology techniques and experienced in treatment of laboratory animals. 2002-2004: worked at Molmed Company at the Discovery group, coordinated by Prof. Fulvio Mavilio, located at the Hospital San Raffaele in Milan, to the development of adenoviral vectors for gene transfer. 2004 and 2005, contract for a scientific research project funded by the Telethon Foundation based on proteomics and functional study of genes associated with iron metabolism. 2004-2005: collaboration with Professor Stefano Biffo, coordinator of the Laboratory of Molecular Histology, San Raffaele Hospital in Milan.

Supervisor of 5 theses.

52 abstracts to congresses and 3 oral presentations at conferences. 38 congress attendance.

5 Awards received in national and international congresses.

18 peer reviewed publications and 3 submitted articles.

## UNIVERSITY POSITIONS:

- 2005 to date: employee of the Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, technical-administrative category D, working as a biologist, and to set up and activate the University Laboratory of Endocrinology, coordinated by Professor Manuela Simoni, who is now operational in several research projects and in diagnostic tasks related to clinical endocrinology. Actively collaborated in the preparation, presentation and activation of various research projects. Design and validation of diagnostic methods and protocols in Endocrinology for clinical diagnostics which now follows as supervisor.
- 2006-2008: Teaching at the School of Endocrinology and Metabolism, Faculty of Medicine, University of Modena and Reggio Emilia, headed by Prof. Cesare Carani.
- 2010 to date: Teaching Assistant for S.S.D. MED/13, awarded by the Faculty of Medicine, University of Modena and Reggio Emilia.
- Member of some Local Organizing Committees. • Member of European and International Societies
- Coordinator of the ENDOLAB Unit and of the Center of Technological Genomic Research (CGR) that received the technological accreditation issued by the Emilia Romagna.
- Finally, as laboratory manager of the University laboratory of Endocrinology, managing and

coordinating the activities of laboratory staff consisting of six afferent fellows among professionals and contractors.