

TRABETTI ELISABETTA

Doctoral Degree in Biological Sciences at the University of Padua, Italy, 08/07/87.

Ph.D. on Toxicological Sciences, Roma, Italy, 25/05/92: “Application and prospective of capillary electrophoresis in forensic toxicology. Suggestion for qualitative-quantitative analysis of peptides (calcitonin) and drugs (morphine and cocaine)”.

Technical Collaborator, Institute of Biology and Genetics, University of Verona, Italy, from 1990 to 1998. Research activity: analysis of hypervariable polymorphisms and their use for individual identification in Legal Medicine, criminal investigation and paternity testing, bone marrow transplantation follow-up, genetics of complex diseases, atopic asthma and cardiovascular diseases.

Research Fellow in Prof. R.C. Levitt’s Molecular Biology Laboratory, Johns Hopkins University, Baltimore, MD, USA, from February 10th to August 10th, 1995, working on genetics of asthma (linkage analysis with DNA microsatellite markers).

Assistant Professor in the Faculty of Medicine and Surgery of the University of Verona, Dpt. Life and Reproduction Sciences (ex Dpt. Mother and Child & Biology-Genetics), Section of Biology and Genetics, from 01/01/1999 to 31/10/2014.

Associate Professor of Applied Biology in the Department of Neurological, Biomedical and Movement Sciences (ex Dpt. Life and Reproduction Sciences), from 01/11/2014

Teaching activity

- Molecular Genetics teaching in:
 - the Course of Genetics, Combined Bachelor's + Master's degree in Medicine and Surgery, University of Verona, Italy, from 2000,
 - the Course of Molecular Genetics, Specialization School of Medical Genetics, University of Verona, from 2002,
 - the Course of Molecular Genetics in the PhD Course of Pharmacogenetics – PhD School in Translational Medicine, University of Verona, from 2006.,
 - General Biology teaching in:
 - the Degree Course in Bioinformatics, Faculty of Mathematical, Physical and Natural Sciences, University of Verona, from 2009.
 - Applied Biology teaching in the following Bachelor's degree of the School of Medicine and Surgery, University of Verona:
 - Bachelor's degree in Cardiocirculatory Physiopathology and Cardiovascular Perfusion Techniques from 2010,
 - Bachelor's degree in Speech and Language Therapy from 2012,
 - Bachelor's degree in Physiotherapy, from 2016,
 - Bachelor's degree in Psychiatric Rehabilitation Techniques, from 2016,
 - Bachelor's degree in Dental Hygiene, from 2016.

Author of several articles published on international peer-reviewed journals.
h-index (Scopus): 35 - Citations (Scopus): 3941

Member of the Italian Society of Human Genetics (SIGU) from 2004.

Member of the American Society of Human Genetics (ASHG) from 2004.

Principal investigator of a 2 years project entitled “Genomics and proteomics of non-syndromic ascending aortic aneurysms”, funded in 2005 by the Italian Ministry for Education, University and Research: PRIN - prot. 2005067111 (Scientific Coordinator prof. Alessandro Mazzucco).

From 2006, head of a laboratory in the Dpt. Life and Reproduction Sciences, Section of Biology and Genetics, to create a bio-bank of DNA from subjects enrolled from the general population in the North-East (Veneto region) of Italy collected for the INCIPE survey (Initiative on Nephropathy, of relevance to public health, which is Chronic, possibly in its Initial stages, and carries a Potential risk of major clinical End-points), coordinated by Prof. A. Lupo, University of Verona - Dpt. Medicine - Nephrology Section and Prof. G. Gambaro, Catholic University of Rome - Division of Nephrology and Dialysis.

From 2008, head of a laboratory in the Dpt. Life and Reproduction Sciences, Section of Biology and Genetics, to create a bio-bank of biological specimens from autism patients, in collaboration with Fondazione SmithKline –Autism Research Area: “Multi-centre protocol research project to create a clinical data base and a biobank of autism patients and their families for the conduction of clinical, genetic and biochemical research on autism”.

Research activity: human molecular genetics study, genetic susceptibility to cardiovascular diseases, asthma and autism, by candidate gene, genome-wide and differential gene expression analyses, also by means of NGS techniques.