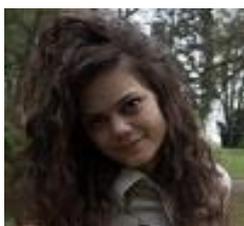


## PERSONAL INFORMATION

Dai Prè Elena



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[elena.daipre@univr.it](mailto:elena.daipre@univr.it)

Sex F | Date of birth 16/06/1990 | Nationality Italian

## EDUCATION

1.10.2015 - present **Ph.D. in Nanoscience and Advanced Technologies at University of Verona, Department of Neurosciences, Biomedicine and Movement Sciences**

Research topic: adipose tissue engineering  
Supervisor: Prof. Andrea Sbarbati

10.09.2012 – 13.03.2015 **Master Degree in Science e Technology of Bio- e Nanomaterials at University Ca' Foscari of Venice**

1.02.2014 – 30.09.2014 **Research internship at Interuniversity MicroElectronics Center (imec) in Leuven, Belgium, Department of Life Sciences**

Supervisor: Dr. Chengxun Liu  
Experimental thesis title: "Electrical characterization of cancer cells"  
Advisor: Prof. Salvatore Daniele

1.10.2009 -10.10.2012 **Bachelor's Degree in Biotechnology at University of Verona**

1.02.2014 – 30.09.2014 **Research internship at University of Verona, Department of Biotechnology, Section of Molecular Biology and Biophysics**

Experimental thesis title: "Expression, Purification and Crystallization Trials of Mutants C65A and C65A/K59A of the human Lipocalin-type Prostaglandin D Synthase (L-PGDS) protein"  
Advisor: Prof. Hugo Luis Monaco

## SKILLS

Mother tongue Italian

Other languages

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Interaction	Oral production	
B1/B2	B1/B2	B1/B2	B1/B2	B1/B2

Communication skills

- Team working ability
- Working in multicultural environment ability
- Good communication ability

Organization skills ▪ Organization ability acquired during thesis and Ph.D. because they are mandatory for research.

Digital skills ▪ Good knowledge of Microsoft Office, Pubmed e basic knowledge of ImageJ e Matlab.

Technical skills ▪ Isolation of stem cells from human adipose tissue  
▪ Primary culture of stem cells, especially from human adipose tissue  
▪ Culture of murine and human cell lines  
▪ Tissue fixing and cutting  
▪ Histological staining  
▪ Cellular staining  
▪ Optical and fluorescence microscopy  
▪ Preparation of samples for cytofluorimetry and sorting  
▪ *In vivo* experiments with murine models  
▪ Images acquisition and processing with Magnetic Resonance Imaging (MRI)

## TRAINING COURSES

21/23.09.2016 12° Course of confocal microscopy: theoretical and practical bases and 5° course of TEM and STEM microscopy: theoretical and practical bases organized by Italian Society of Microscopy Sciences (S.I.S.M) at University of Modena e Reggio Emilia (Italy)

7.04.2016 Course: "Safety management in the use of Magnetic Resonance Imaging (MRI)" at University of Verona

25.02.2016 Course: "Role of collective protection devices in the biological laboratory and in the analysis laboratory" at University of Verona

12/13.01.2016 Course: "Management of safety in laboratories" at University of Verona

4.11.2015 Course of Interdepartmental Centre of Experimental Research Service (C.I.R.S.A.L.) for enclosure users

## CONGRESSES

16/18.11.2016 Congress: "3° International Congress on Responsible Stem Cell Research (from cell to products development of new therapeutic tools" in Padua (Italy).  
Poster: "Hyaluronic acid matrices for adipose tissue engineering"

## PUBLICATIONS

1. Francesco De Francesco, Silvia Mannucci, Giamaica Conti, **Elena Dai Prè**, Andrea Sbarbati and Michele Riccio. A Non-Enzymatic Method to Obtain a Fat Tissue Derivative Highly Enriched in Adipose Stem Cells (ASCs) from Human Lipoaspirates: Preliminary Results. *Int J Mol Sci* (2018) 19, 2061, DOI: 10.3390/ijms19072061
2. **Elena Dai Prè**, Giamaica Conti and Andrea Sbarbati. Hyaluronic Acid (HA) Scaffolds and Multipotent Stromal Cells (MSCs) in Regenerative Medicine. *Stem Cell Rev and Rep* (2016), 12: 664-681. DOI: 10.1007/s12015-016-9684-2

## Personal information

I hereby authorize the use of my personal information according to the Italian Legislative Decree n. 196/2003  
Elena Dai Prè