

**Paola Costantini**, PhD, Associate Professor of Biochemistry, Department of Biology, University of Padova

Born in Conegliano (TV), Italy, on May 5<sup>th</sup>, 1969

### **Education**

- July 14<sup>th</sup>, 1993: graduated with full marks (110/110 *summa cum laude*) in Biological Sciences, University of Padova, Italy

- June 8<sup>th</sup>, 1998: PhD in “Molecular and Cellular Biology and Pathology” (legal duration of the program: four years), Department of Biomedical Sciences, University of Padova, Italy

### **Qualifications**

- May 1995: licensure to Biologist, University of Padova

- March 2000: licensure to “Maître de conférences” in *i*) Cellular Biology and *ii*) Biochemistry and Molecular Biology, French University

- June 2014: licensure to Associate Professor of Biochemistry, MIUR (Ministero dell’Istruzione, dell’Università e della Ricerca)

### **Fellowships**

- April 1998 - March 1999: post-doc fellowship from ARC (Association pour la Recherche sur le Cancer), Unit of “Génétiques Oncologique”, Institut Gustave Roussy, Villejuif, France

- April 1999 - September 2000: post-doc fellowship from FRM (Fondation pour la Recherche Médicale), Unit of “Génétiques Oncologique”, Institut Gustave Roussy, Villejuif, France

- January 2001 - March 2002: fellowship from NIH (National Institute of Health) for a program research on "Mitochondrial cyclophilin in cell death pathways", Department of Biomedical Sciences, University of Padova

### **Engagements**

- October 2000 - December 2000: CNRS (Centre National de la Recherche Scientifique, France) engagement

- June 2002 - November 2002: engagement as “collaboratore di ricerca” at the Department of Biomedical Sciences, University of Padova

- December 2002 - September 2015: Assistant Professor of Biochemistry at the Department of Biology, University of Padova

### **Present position**

- Since October 2015: Associate Professor of Biochemistry at the Department of Biology, University of Padova

### **Academic activity**

Teacher of the courses *i*) Biochemistry (degree in Biotechnologies) and *ii*) Applied biochemistry (degree in Medical Biology), University of Padova, 128 hours for academic year

## **Scientific activity**

*PhD, Department of Biomedical Sciences, University of Padova, research group headed by Prof. Paolo Bernardi: study and functional characterization of the permeability transition pore (PTP), a mitochondrial channel involved in apoptosis, focusing on its role in the cellular damages induced by oxidative stress conditions.*

*Post doc, France, Unit of “Génétiques Oncologique”, Institut Gustave Roussy, research group headed by Prof. Guido Kroemer: study of the role of PTP and mitochondria in the pathway leading to apoptosis induced by oxidative stress conditions.*

*Post doc, Department of Biomedical Sciences, University of Padova, research group headed by Prof. Paolo Bernardi: study of the mechanisms of action of both pro- and anti-apoptotic pharmacological compounds and analysis of their effects on the mitochondrial pathophysiology.*

*Present, Department of Biology, University of Padova, research unit coordinated by Prof. Luca Scorrano: structural and functional characterization of proteins involved in FeS clusters assembly; mitochondrial (patho)physiology of diseases linked to dysfunctions of FeS proteins biosynthesis.*

This activity resulted in a number of high impact international scientific publications (number of full papers: 40, of which 8 as first author, 1 as co-first author, and 12 as last author and/or corresponding author), *h* index: 22

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