

CURRICULUM VITAE

Name: **COSTANZO Manuela**
Born: 03/04/1985, Casale Monferrato, AL, Italy
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Education and training

April 2016: PhD thesis defence. Thesis titled “Pilot studies for the treatment of sarcopenia and myotonic dystrophy: a multimodal approach”
December 2010: Qualification to practice the profession of Biologist
September 2010: Laurea specialistica in Biotecnologie Industriali (Master in Biotechnology), University of Pavia, Italy (110/110)
February 2008: Laurea di primo livello in Biotecnologie (Degree in Biotechnology), University of Pavia (108/110)

Employment and research experience

March 2016 to present: Research associate (Assegno di ricerca) at the Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona
January 2016 – February 2016: Fellowship at the Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona
January 2013 – December 2015: PhD student in Multimodal Imaging in Biomedicine, University of Verona
September 2012 – December 2012: Fellowship at the Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona
September 2011 – August 2012: Research associate (Assegno di ricerca) at the Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona
October 2010 - August 2011: Voluntary researcher at the Department of Biology and Biotechnology “L. Spallanzani”, University of Pavia

International research stages

May 25th, 2015 – July 24th, 2015: Institute of Cell Biology, University of Ljubljana

Research activity

The main research interests concern the structure and function of the cell nucleus, with special attention to the processing of mRNAs, and the effect of physical exercise on skeletal muscles of old animals affected by sarcopenia. Moreover, studies on the biological effects of nanoparticles, therapeutic molecules and ozone in different cell cultures have

been performed. Light (bright-field and fluorescence) and transmission electron microscopy in association with flow-cytometry and biomolecular analyses have been applied.

Awards

EMS (European Microscopy Society) scholarship to participate at 10th Multinational Congress on Microscopy (MCM 2011) in Urbino and at 18th International Microscopy Congress (IMC 2014) di Praga.