

## ***PERSONAL DATA***

NAME: Cinzia Civello

RESIDENCE: Via Giacomo di Giovanni 4, 91024 Gibellina (TP, Italy)

DATE AND PLACE OF BIRTH: 23 January 1988

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## ***EDUCATION AND TRAINING***

- October 2016-present: PhD in Genetics, Molecular and Cellular Biology at the University of Pavia (PV, Italy). Research at the Laboratory of Developmental Biology, scientific supervisor Prof. Valeria Merico.
- 2014-2016: Degree in Experimental and Applied Biology at the University of Pavia (PV, Italy); final mark: 110/110 cum laude. Title of the thesis: "The arsenic trioxide alter the kinematic properties, the organization of the sarcomere and the calcium metabolism of fetal cardiomyocytes derived from embryonic stem cells". Supervisor: Professor Silvia Garagna, co-supervisor: Dr. Paola Rebuzzini.
- 2008-2013: Bachelor degree in Biological Sciences at the University of Palermo (PA, Italy), final mark: 108/110. Thesis title: "The importance of blood count in the diagnosis of iron deficiency anemia. Supervisor: Prof. Rosa Maria Serio, co-supervisor: Dr. Caterina Filardo
- 2002-2007: High school: classical maturity, final mark 97/100, Liceo Classico "Giacomo Pantaleo" Castelvetro (Trapani, Italy).

## ***PROFESSIONAL EXPERIENCE:***

- December - september 2016: Internship training at the Laboratory of Developmental Biology of Prof. Silvia Garagna, Department of Biology and Biotechnology "L. Spallanzani", University of Pavia (PV, Italy).
- July - september 2013: training Internship at the Hospital "Vittorio Emanuele II" of Castelvetro (TP, Italy), clinical pathology department.

## ***TECHNICAL SKILLS***

- Preparation of solutions
- Cell culture murine (embryonic stem cells, differentiation into cardiomyocytes)
- chromosomal preparations
- RNA extraction, qRT-PCR
- Immunofluorescence
- Fluorescence microscopy

## ***COMPUTER SKILLS***

- Good knowledge of the Windows operating system
- Excellent knowledge of MS Office (Word, Excel, Power Point)
- Skill in the use of e-mail programs and web browsing
- Good knowledge in the use of biomedical (NCBI database, Ensembl, UCSC, drugbank, Reactome, Kegg, BRENDA, STRING, ChEMBL)
- Using the software Video Spot Tracker (VST) and an algorithm in Matlab for the analysis of contractile properties of cardiomyocytes
- European Computer Driving Licence ECDL (2006)

## ***LANGUAGE SKILLS:***

- Italian: Mother tongue.
- English: Good spoken and written level.

## ***PARTICIPATION IN CONFERENCES***

3<sup>rd</sup> SIRC FORUM: New Roads in Cardiovascular Research. Genova, Italy Saturday 18 June 2016

## ***COMMUNICATION CONFERENCE***

Paola Rebuzzini, Cinzia Civello, Estella Zuccolo, Francesco Moccia, Lorenzo Fassina, Carlo Alberto Redi, Maurizio Zuccotti and Silvia Garagna

Arsenic trioxide alters kinematic properties and physiology of cardiomyocytes differentiated from mouse embryonic stem cells. 5<sup>th</sup> Lugano Stem Cell Meeting. University of Italian Switzerland, Lugano, Switzerland 20<sup>th</sup> – 21<sup>st</sup> June