

**CURRICULUM VITAE****CURRENT POSITIONS**

(May 2019-Current)  
 Institution **Università Svizzera Italiana, Lugano, Switzerland**  
**Faculty of Biomedical Sciences**  
 Position Privat Dozent (PD)

(Jan. 2019-Current)  
 Institution **Cardiocentro Ticino Foundation, Lugano, Switzerland**  
**Laboratory for Cardiovascular Theranostics**  
 Position Principal Investigator  
 Main Projects Lead Researcher for Swiss National Foundation Grant Project : Exosomes based combination therapy to target multiple signaling within cardioprotective pathways.

**Research Experience**

• Dates (from – to) (Sett. 2011- Dec. 2018)  
 Name and address of employer **Cardiocentro Ticino. Lugano, Switzerland**  
**Laboratory of Cellular and Molecular Cardiology**  
 Position Senior Research Scientist, Laboratory Coordinator  
 Main Projects Functional Characterization and Therapeutic Potential of Human Cardiac Progenitor Cell-derived Exosomes. Cancer Therapy–Induced Cardiotoxicity: Basic Mechanisms and Potential Cardioprotective Therapies. iPS-derived cardiomyocytes as in vitro platform to study cardiac senescence

• Dates (from – to) (Jan. 2009- Sett. 2011)  
 Name and address of employer **University of Milano-Bicocca. Milano, Italy**  
**Department of Biotechnology and Biosciences**  
 Position Research scientist  
 Main Project Electrophysiological properties of terminally differentiated cardiomyocytes. Functional evaluation of cardiac progenitor cells differentiation.

• Dates (from – to) (Jan. 2008- Jan. 2009)  
 Name and address of employer **ICGEB Trieste Component. Trieste, Italy**  
**Department of Molecular Medicine**  
 Type of business or sector Post-doctoral Fellow  
 Main Project Homologous recombination by AAV-mediated gene targeting

**EDUCATION AND TRAINING**

• Dates (from – to) (Feb 2015)  
 • Name and type of organisation **University of Zurich**  
 • Principal subjects Certification for Animal Science FELASA Category B  
 • Title of qualification awarded **Certification License LTK2872**

• Dates (from – to) (Oct. 2004-Feb. 2008)  
 • Name and type of organisation providing education and training **University of Rome “La Sapienza”**  
**Department of Experimental Medicine**  
 • Principal subjects Isolation and Characterization of Cardiac Progenitor Cells From Tissue Culture Explants: Cardiospheres and Cardiospheres-derived Cells  
 • Title of qualification awarded **PhD, thesis defense 02.2008**

- Dates (from – to) (Sept.2004- Feb.2006)
- Name and type of organisation providing education and training **Johns Hopkins University, Baltimore. Institute of Molecular Cardiobiology**
- Principal subjects In vivo functional evaluation of cardiospheres-derived cells in infarcted mice. In vivo 2D echocardiography using Visual-Sonic 2DEcho
- Position Research Fellow

- Dates (from – to) (Sept.1998- Jul.2003)
- Name and type of organisation providing education and training **University of Rome “La Sapienza”**
- Title of qualification awarded Master in Pharmacy
- PharmD**
- Master thesis defence 07.2003 Dissertation on “Effects of IMPDH inhibitors on human neuroblastoma cell lines”

**PRIZES, FELLOWSHIPS,  
DISTINGUISHED  
MEMBERSHIPS**

(Current)  
**Swiss sub-MC Member (CA16225 CH) of European EU-CARDIOPROTECTION COST Action <http://www.cardioprotection.eu/>**

(Current)  
**Member Working Group on Cardiovascular Regenerative Medicine ES-CARDIO**

(Current)  
**Remote Expert Evaluator (Ex2017d302216) for The European Commission Of Research And Innovation HORIZON 2020 - FET-OPEN Challenging Current Thinking**

(Jan 2014 – Jan 2020)  
**Eligible to be appointed as Associate Professor by the Ministry of Education, Universities and Research Italy ( D.M. n.76 del 7/6/2012).**

**America Heart Association of “Young Investigator Award 2005**

**PARTECIPATION TO EDITORIAL  
BOARDS**

**Peer Reviewer (current)**  
*Journals:* PLoSE One, Cell Death & Differentiation; Regenerative Medicine; Expert Review of Cardiovascular Therapy; Journal of Cellular and Molecular Medicine; Journal of Molecular and Cellular Cardiology; Journal of the American College of Cardiology;

**Assistant Editor (current)**  
Journal of Cellular and Molecular Medicine  
Frontiers in Physiology  
Cardiovascular Regenerative Medicine