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Education

2005-2008: Ph.D in Medical Pharmacology, University of Milano, Milan, Italy - Thesis at Orthopaedics Biotechnology Lab, lead by Dr. Anna T. Brini at the Department of Medical Pharmacology entitled: “Il tessuto adiposo fonte di cellule progenitrici per medicina rigenerativa: studio in vitro del potenziale osteogenico e condrogenico e possibili applicazioni cliniche”

1997-2002: M.Sc. Biology, Insubria University, Varese, Italy

Work experiences

2017 – present: Company: Director of RE.GA.IN™ (REgenerative GAleazzi Institute), Galeazzi Orthopaedic Institute, Milan - Italy

2016: Research Fellowship, Cartilage Repair Center at the Brigham and Women Hospital, Boston (MA, USA) under the direction of Dr. A.H. Gomoll

2009 – present: Director of Orthopaedics Biotechnology Lab, Galeazzi Orthopaedic Institute, Milan - Italy.

2006-2009: Junior Researcher and Clinical Trial Assistant, Galeazzi Orthopaedic Institute, Milan - Italy

2003-2005: Post-lauream student, Orthopaedic and Traumatology Institute – Biomaterials Research Centre, Faculty of Medicine, University of Milan - Italy

Professional membership

- From 2016 – Chairwoman of the Research Committee of SIGASCOT (Italian Knee Surgery, Arthroscopy and Sport Medicine Society)
- From 2016 - Chairwoman of the Basic Science Committee of ESSKA (European Society Of Sports Traumatology Knee Surgery And Arthroscopy)
- From 2010 – Founding member and member of the Executive Committee of GISM (Italian Mesenchymal Stem Cell Group)

Lab Skills

Isolation, culture and differentiation of primary mammalian cells culture (mainly Mesenchymal stem cells from adipose, bone marrow and tendon tissue, and leucocytes), viability and proliferation assays (MTT, Alamar, Live&Dead, Cyquant, BrdU), ELISA assays, Real Time RT-PCR, mRNA extraction and processing, histology sample preparation and stainings, immunoistochemical techniques, immunofluorescence microscopy techniques.

Clinical trial skills:

Identification of study design, size, endpoints; protocol drafting, clinical monitoring. Analysis of the results and statistical analysis