

**EUROPEAN
CURRICULUM VITAE**

PERSONAL INFORMATION

NAME Martina Faraldi
WORK PHONE +39 02 6621 4068
E-MAIL martina.faraldi@grupposandonato.it
DATE OF BIRTH 18th November, 1987
NATIONALITY Italian
FAMILY STATUS maiden

WORK EXPERIENCES

FROM JAN 2017 Post-doctoral researcher at Laboratory of Experimental Biochemistry & Molecular Biology, IRCCS Istituto Ortopedico Galeazzi, Milano, Italy.

SEP 2016-DEC 2016 Post-doctoral researcher at Department of Anatomical, Histological, Forensic and Orthopaedic Science - Section of Histology and Medical Embriology, "Sapienza" - University of Rome, Rome, Italy.

Nov 2015-AUG 2016 Post-graduate frequenting scientist at Department of Anatomical, Histological, Forensic and Orthopaedic Science - Section of Histology and Medical Embriology, "Sapienza" - University of Rome, Rome, Italy.

FIELD OF INTEREST

Biochemical markers in physical exercise
Bone and its endocrine functions
Pre-analytical variables in the measurement of molecular biomarkers
Skeletal muscle tissue engineering
Skeletal muscle-motor neuron interaction
Neurodegeneration

WORKING SKILLS

Good and competent knowledge on the principal biochemical, molecular, cellular, histological technique: cellular and bacterial cultures, skeletal muscle and cardiomyocyte primary cultures, mouse embryo ventral spinal cord isolation, exosome isolation, nucleic acid extraction, qRT-PCR, molecular cloning, protein expression and purification, affinity chromatography, Western-blot, enzymatic activities assays, immunoassay, immunofluorescence.

RESEARCH PROFILES

RESEARCH GATE https://www.researchgate.net/profile/Martina_Faraldi

EDUCATION

FEB 2016 PhD in Morphogenesis and Tissue Engineering- Curriculum in Morphogenetic and Cytological Science - XXVIII cycle. PhD school in Molecular Biology and Medicine. Department of Anatomical, Histological, Forensic and Orthopaedic Science - Section of Histology and Medical Embriology, "Sapienza"- University of Rome, Rome Italy.

JEN 2012 M.Sc. in Medical Biotechnology (Bioengineering Curriculum), Interfaculty of Chemistry and Medicine- Medicine and Psychology, "Sapienza", - University of Rome, Rome, Italy.

DEC 2009 B.Sc. in Biotechnology, Interfaculty of Chemistry - Medicine and Surgery I and II- FMN Science, "Sapienza", - University of Rome, Rome, Italy.

PERSONAL SKILLS

LANGUAGE SKILLS

MOTHER TONGUE	Italian
OTHER LANGUAGES	English
Writing	Good
Reading	Good
Speech	Good

SCIENTIFIC PUBLICATIONS

1. **Faraldi M**, Gomasasca M, Sansoni V, Perego S, Banfi G, Lombardi G. Normalization strategies differently affect circulating miRNA profile associated with the training status. *Sci Rep* ACCEPTED.
 2. **Faraldi M**, Gomasasca M, Banfi G, Lombardi G. Free Circulating miRNAs Measurement in Clinical Settings: The Still Unsolved Issue of the Normalization. *Adv Clin Chem* 2018;87:113-39.
 3. Sakellariou G, Lombardi G, Vitolo B, Gomasasca M, **Faraldi M**, Caporali R, Banfi G, Montecucco C. Serum calprotectin as a marker of clinical and ultrasound-detected synovitis in early psoriatic and rheumatoid arthritis: results from a cross-sectional retrospective study. *Clin Exp Rheumatol* 2018 Epub Head of Print.
 4. Rizzuto E, Carosio S, **Faraldi M**, Pisu S, Musarò A, Del Prete Z. A DIC Based Technique To Measure the Contraction of a Skeletal Muscle Engineered Tissue. *Appl Bion Biomec* 2016;2016:7465095(7).
 5. Scicchitano BM, **Faraldi M**, Musarò A. The Proteolytic Systems of Muscle Wasting. *Recent Adv DNA Seq* 2015;9(1):26-35.
 6. Martire S, Fuso A, Rotili D, Tempera I, Giordano C, De Zottis I, Muzi A, Vernole P, Graziani G, Lococo E, **Faraldi M**, Maras B, Scarpa S, Mosca L, d'Erme M. PARP-1 Modulates Amyloid Beta Peptide-Induced Neuronal Damage. *PLoS one* 2013;8(9):e72169.
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POSTER- ORAL COMMUNICATIONS

1. **Exercise Metabolism Cell Symposia, May 21-23, 2017, Gothenburg, Sweden.** Changes in free and exosome-associated circulating miRNAs and myokine profile in professional sky-racers during the Gran Sasso d'Italia vertical run. Faraldi M, Sansoni V, Perego S, Paone R, Aielli F, Rucci N, Banfi G, Lombardi G.
 2. **EMC 44th European Muscle Conference September 21 - 25, 2015, Warsaw, Poland.** X-MET as an in vitro model to study pathological disorders associated with skeletal muscle. Faraldi M, Carosio S, Dobrowolny G, Musarò A.
 3. **BeMM Symposium 2014 Ph.D. Cycle XXVII, January 23 2015, Rome, Italy.** X-MET as in vitro model to study muscle homeostasis and differentiation. Faraldi M, Carosio S, Del Prete z, Musarò A. (Oral presentation)
 4. **Interuniversity Institute of Myology, X annual meeting, October 10-13-2013, Monteriggioni (Siena, Italy).** Novel experimental tools to study the interplay between muscle and motor neurons. Faraldi M, Carosio S, Dobrowolny G, Del Prete Z, Musarò A. (Oral presentation)
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The undersigned Martina Faraldi authorizes the use of the personal data contained in the CV as reported in the art. 13, D. Lgs. 196/2003 (Italy).

Milano 18 December, 2018

In witness thereof,
Martina Faraldi