

CURRICULUM VITAE

Marco D'Onghia

Work Experience

15/09/2020 – 15/01/2022 **Master's Degree Internship:**

University of Rome "Sapienza" – Department of Anatomical, Histological,
Medico-Legal and Locomotor Apparatus Sciences

Education and Training

27/09/2019 – 19/01/2022 **Master's Degree in Genetics and Molecular Biology (LM-6)**

University of Rome, Sapienza

Grade: 110Lode/110

Thesis Title: "Histone Deacetylase 4 mediates the crosstalk between skeletal muscle and Fibro-Adipogenic Progenitors in Duchenne Muscular Dystrophy."

10/10/2016 – 24/07/2021 **Bachelor's Degree in Biological Sciences (L-13)**

University of Bari Aldo Moro

Thesis Title: "P53: il guardiano del genoma"

01/09/2013 – 01/07/2015 **Secondary School Diploma (A-Levels)**

York College (Uk)

Languages

Italian: Mothertongue

English: C1

German: B1

Publications

Histone deacetylases as modulators of the crosstalk between skeletal muscle and other organs.

Alessandra Renzini, Marco D'Onghia, Dario Coletti, Viviana Moresi. Review, Front. Physiol.

Job-related skills

- Isolation of embryonic and adult stem cell lines
- Isolation and culture of individual Myofibers
- Co-culture with transwell systems
- Transfection
- RNA and protein extraction from cells and tissues
- Basic molecular biology techniques (PCR, Real Time PCR, Western Blot)
- Biochemical assay
- Bacterial transformation and plasmids purification
- Muscle isolation for cryosections
- Histochemical stainings and immunofluorescences
- Microscopy
- Competent at handling mice lines
- Data analysis

Autorizzo la pubblicazione del mio curriculum vitae e il trattamento dei dati personali in esso contenuti in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16"