

Michela Lisi

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

ABOUT ME

I am a molecular biology PhD student interested in non coding RNA biology and neurodegenerative diseases.

EDUCATION AND TRAINING

10/2018 – CURRENT – Rome, Italy

PhD in genetics and molecular biology

University of Rome 'Sapienza'

Field(s) of study

- Molecular biology of non coding RNA in neurodegenerative diseases

01/08/2018 – 31/08/2018 – Guildford, United Kingdom

Visiting student

University of Surrey

09/2015 – 24/01/2018 – Rome, Italy

Master's degree in genetics and molecular biology

University of Rome 'Sapienza'

Field(s) of study

- Molecular biology

110/110 cum laude | Down-regulation of CELF2a splicing factor as a new approach to treat Duchenne Muscular Dystrophy

09/2012 – 08/07/2015 – Rome, Italy

Bachelor's degree in Biotechnology

University of Rome 'Sapienza'

Field(s) of study

- Genetics

110/110 cum laude | Characterization of a transgene encoding the carrier of α -ketoglutarate in *D. melanogaster*

2008 – 2012 – Colferro, Italy

Pre-university studies: Secondary school diploma

Scientific High School Guglielmo Marconi

100/100

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening
B2

Reading
B2

Spoken
production
B2

Spoken
interaction
B2

Writing
B2

PERSONAL SKILLS

Laboratory skills achieved over the years

PhD: IPSc handling, Genome editing, muscular and neuronal differentiation. **Supervisor: Julie Martone**

Internship at University of Surrey: immunofluorescence on decoloured tissues and organs. **Supervisor: Paola Campagnolo**

Master's degree: cell culture, RNA, DNA and Protein extraction, sq-PCR and q-PCR, luciferase essays, cloning, 3C, ChIP. **Supervisor: Irene Bozzoni**

Bachelor's degree: D.melanogaster handling, larvae dissection, protein extraction from larvae tissues, western blot. **Supervisor: Giovanni Cenci**

CONFERENCES AND SEMINARS

10/2019 > – Assisi

16th IIM meeting

Title of talk: Epigenetic regulation of a splicing factor involved in Duchenne Muscular Dystrophy

04/2019 > – Paris

4th course on Post-Transcriptional Gene Regulation

Title of poster: Study of CELF2a, a factor involved in Dystrophin splicing, and a new therapeutical approach to treat Duchenne Muscular Dystrophy based on its inhibition.

Award: Best poster

02/2019 > – Rome

XVI International conference Parent Project Onlus February 2019

Title of poster: Study of the epigenetic regulation of CELF2a, a factor involved in splicing of Dystrophin exon 45.

PUBLICATIONS

Scalzitti S, Mariani D, Setti A, Colantoni A, Lisi M, Bozzoni I, Martone J. Lnc-SMaRT Translational Regulation of Spire1, A New Player in Muscle Differentiation. J Mol Biol. 2022 Jan 30;434(2):167384. doi: 10.1016/j.jmb.2021.167384. Epub 2021 Dec 2. PMID: 34863993.

Martone J*, Lisi M*, Castagnetti F*, Rosa A, Di Carlo V, Blanco E, Setti A, Mariani D, Colantoni A, Santini T, Perone L, Di Croce L, Bozzoni I. Trans-generational epigenetic regulation associated with the amelioration of Duchenne Muscular Dystrophy. EMBO Mol Med. 2020 Aug 7;12(8):e12063. doi: 10.15252/emmm.202012063. Epub 2020 Jun 29. PMID: 32596946; PMCID: PMC7411655.

* These authors contributed equally