

Curriculum Vitae

PERSONAL INFORMATION

Ribodino, Marta

Email: marta.ribodino@unito.it

• EDUCATION

Date

17/03/2021 **Master Degree** in Medical Biotechnology
Department of Scienze Mediche, University of Turin, Italy
Title of Master Degree Thesis: Reactive features and neurogenic potential of striatal astrocytes upon excitotoxic lesion: role of the transcription factor Sox2;
Supervisor of Master Degree Thesis: Prof. Annalisa Buffo

Date

17/07/2018 **Bachelor Degree** in Biotechnology
Department of Biotechnologie, University of Turin, Italy
Title of Bachelor Degree Thesis: Azioni neurotossiche e funzionalità aberrante degli astrociti nella malattia di Huntington
Supervisor of Bachelor Degree Thesis: Prof. Annalisa Buffo

• CURRENT POSITION(S)

01/11/2020 - **PhD student** in Neuroscience
now Department of Neuroscience Rita Levi Montalcini, University of Turin/ Italy

• PREVIOUS RESEARCH AND PROFESSIONAL POSITION(S) / PARTICIPATION TO RESEARCH GROUPS

01/07/2020 - **Research Fellow** at the Physiopathology of Neural Stem Cells lab.
30/10/2021 PI: Prof. Annalisa Buffo
Department of Neuroscience Rita Levi Montalcini, University of Turin/ Italy
In the frame of a European Leukodystrophies Association (ELA) project aimed at studying the mechanisms underlying glial cell defects occurring in the Autosomal Dominant Leukodystrophies (ADLD), I am setting up a protocol for obtaining mature astrocytes and oligodendrocytes from ADLD and non-diseased patient-derived human induced pluripotent stem cells.

01/10/2019 - **Master Degree Trainee** at the Physiopathology of Neural Stem Cells lab
01/07/2020 Neuroscience Institute Cavalieri Ottolenghi, Orbassano/Italy

01/10/2017 - **Bachelor Degree Trainee** at the Physiopathology of Neural Stem Cells lab
17/07/2018 Neuroscience Institute Cavalieri Ottolenghi, Orbassano/Italy

- **FELLOWSHIP(S)**

07/2020 - **Research Fellowship** “Allele-specific siRNAs as therapeutic option for ADLD: *in vitro* pre-clinical validation on unique human experimental models”
now Department of Neuroscience Rita Levi Montalcini, University of Turin/ Italy

- **PRESENTATION OF PAPERS, POSTER, GIVEN SPEECHES AT CONFERENCES AND SEMINARS**

20-22/10/21 “Human iPSCs-derived oligodendrocytes and astrocytes as the first autosomal dominant leukodystrophy-relevant cellular model”
*Lorenzati Martina, **Ribodino Marta**, Signorino Elena, Conti Luciano, Cortelli Pietro, Giorgio Elisa, Buffo Annalisa.*
Brayn: Brainstorming Research Assembly for Young Neuroscientists, Pisa, Italy

09-11/09/21 “Human iPSCs-derived oligodendrocytes and astrocytes as the first autosomal dominant leukodystrophy-relevant cellular model”
*Lorenzati Martina, **Ribodino Marta**, Signorino Elena, Conti Luciano, Cortelli Pietro, Giorgio Elisa, Buffo Annalisa.*
SINS: Italian Society for Neuroscience, virtual congress

25-26/11/19 “Reactive features and neurogenic potential of striatal astrocytes upon excitotoxic lesion: role of the transcription factor SOX2”
Marta Ribodino, Giulia Nato, Marco Fogli, Silvia Nicolis, Paolo Peretto, Federico Luzzati and Annalisa Buffo.
Brayn: Brainstorming Research Assembly for Young Neuroscientists, Milan, Italy

13-15/11/19 “Role of SOX2 in the neurogenic activation and lineage progression of striatal astrocytes following excitotoxic lesion”
*Giulia Nato, Marco Fogli, **Marta Ribodino**, Silvia Nicolis, Paolo Peretto, Federico Luzzati and Annalisa Buffo.*
Brayn: Brainstorming Research Assembly for Young Neuroscientists, Milan, Italy

01-03/10/19 “Role of SOX2 in the neurogenic activation and lineage progression of striatal astrocytes following excitotoxic lesion”
*Giulia Nato, Marco Fogli, **Marta Ribodino**, Silvia Nicolis, Paolo Peretto, Federico Luzzati and Annalisa Buffo.*
SOX Meeting 2019: Vth International SOX Research Conference, France