

## 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