



CURRICULUM VITAE



PERSONAL INFORMATION

DRAGONI FRANCESCA

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Nationality

Italian

Date of birth

09/02/1994

WORK EXPERIENCE

Dates

From September 2020 to October 2020

Researcher in the "Characterization of the extracellular vesicles in cellular models of Frontotemporal Dementia" project, under the supervision of Professor Valeria Crippa, University of Milan, Italy

Dates

From June 2020 to July 2020

Research Biologist in the "Validation of a Molecular Biology method for the analysis of SARS-Cov-2 viral RNA on nasopharyngeal swabs" project IRCCS Mondino Foundation, Pavia, Italy

Dates

From January 2020 to April 2020

Research Biologist at IRCCS Mondino Foundation, Pavia, Italy

EDUCATION AND TRAINING

Dates	From October 2020- PhD Student in Genetics, Molecular and Cellular Biology University of Pavia, Italy
Research Activity	Molecular and immunological characterization of Aicardi-Goutières Syndrome and identification of a new study model for the pathology
Referent	Dr. Cristina Cereda, Genomic and Post- Genomic Center, IRCCS Mondino Foundation, Pavia
Dates	From October 2017 to November 2019 Master Degree in Experimental and Applied Biology 110/110 <i>cum laude</i> Department of Biology and Biotechnology "L.Spallanzani", University of Pavia, Italy
Internship	Genomic and post-Genomic Center, IRCCS Mondino Foundation, Pavia, Italy
Supervisor	Dr. Cristina Cereda Mitochondrial involvement in the pathogenesis of Aicardi-Goutières Syndrome
Dates	From October 2013 to February 2017 Bachelor Degree in Biological Science 110/110 <i>cum laude</i> Department of Life and Environmental Sciences, Università Politecnica delle Marche, Italy
Supervisor	Dr. Oliana Carnevali Apoptosis in neurodegenerative diseases
Dates	From September 2008 to June 2013 Scientific Lyceum "A.Orsini", Ascoli Piceno, Italy 84/100

PERSONAL SKILLS AND COMPETENCIES

Principal language	Italian
Other languages	English- FIRST Cambridge English Certificate: B2 Level

Experimental Skills

Molecular Biology:

Extraction of DNA or RNA from peripheral blood and tissues, PCR, quantitative PCR (qPCR), droplet digital PCR (ddPCR), Sanger Sequencing, Agar gel analysis, Polyacryamide gel analysis, flow cytometry, Immunofluorescence.

Cellular Biology:

Extraction of lymphocyte from peripheral blood, Cell culture, Cell count with Trypan Blue, Cellular Treatments, Cells Trasfection

Proteomic:

Western blotting analysis

ABSTRACT

“Hydroxychloroquine modulation of immune response in lymphoblasts derived from patients with Aicardi-Goutières syndrome”, Dragoni Francesca, Garau Jessica, Sproviero Daisy, Valente Marialuisa, Pansarasa Orietta, Orcesi Simona, Cereda Cristina. Brainstorming Research Assembly For Young Neuroscientists, 25-26 November 2020, web conference

“Hydroxychloroquine modulation of RNA:DNA hybrids in lymphoblasts derived from patients with Aicardi-Goutières syndrome”, Garau Jessica, Sproviero Daisy, Valente Marialuisa, Dragoni Francesca, Santonicola Carolina, Pansarasa Orietta, Orcesi Simona, Cereda Cristina. Brainstorming Research Assembly For Young Neuroscientists, 14-15-16 November 2019, Milan, Italy.