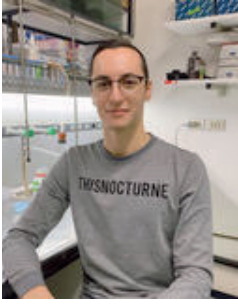


PhD Program in Biomedical Sciences

Students 2021-2022 | XXXVII cycle



Stefano Amoretti

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Research line: Botulino neurotoxin as a tool to study neuromuscular junction remodelling and plasticity

Supervisor: Prof. Ornella Rossetto
Co-Tutor: Dr. Marco Pirazzini



Nikita Arnst

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Research line: Role of neuroinflammation in Alzheimer's disease pathogenesis

Supervisor: Prof. Paola Pizzo
Co-tutor: dr. elisa Greotti



Alberto Benetollo

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Research line: Small molecule-based treatments for rare diseases- in vitro and in vivo studies

Supervisor: Prof. Dorianna Sandonà



Chiara Boschelle

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Research line: Molecular mechanisms of neurodegeneration

Supervisor: prof. Maria Pennuto
Co Supervisor: dr. Emanuela Zuccaro



Elisa Bregolin

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Research line: Study of the pathogenetic mechanisms in age-related diseases

Supervisor: prof. Maria Pennuto
Co-tutor: Emanuela Zuccaroli



Anna Fietta

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Research line: Innovative 3D models to decode mechanisms driving Neuroblastoma metastatic dissemination,

Supervisor: Prof. Elisa Cimetta



Elena Frigo

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Research line: Exploring the function of F-ATP synthase through genetic manipulation of *Drosophila melanogaster*

Supervisor: prof. Paolo Bernardi
Co-tutor: dr. Michele Brischiari



Giacomo Giacchin

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Research line: Pathogenesis and therapy of mitochondrial diseases

Supervisor: prof. Carlo Viscomi



Maria Morbidelli

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Research line: Nanomedicine and nano biotechnology

Supervisor: prof. Emanuele Papini
Co Supervisor: dr. Regina Tavano



Nicola Moro

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Research line: Neuroendocrine, metabolic and signaling alterations in arrhythmogenic cardiomyopathy

Supervisor: Prof. Marco Mongillo
Co-tutor: dr. Tania Zaglia



Carmela Ribecco

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Research line: Patient-specific brain organoids for in vitro diseases modelling

Supervisor: prof. Nicola Elvassorea



Sonia Sonda

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Research line: Mechanism of action and neuroplastic potential of NCN molecules targeting NMDA or serotonin receptors

Supervisor: dr. Diana Pendin

Co-tutor: prof. Paola Pizzo



Michele Speggorin

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Research line: Exploring the role of astrocytes in dopaminergic circuits

Supervisor: dr. Marta Gomez-Gonzalo

Co-Tutor: dr. Pier Giorgio Carmignoto



Ludovica Tommasin

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Research line: The dual function of F-ATP synthase in tumor cell metabolism and survival

Supervisor: prof. Paolo Bernardi

Co-Tutor: dr. Michela Carraro



Marika Tonellato

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Research line: CXCR4 in neurophysiology and neurodegeneration

Supervisor: prof. Michela Rigoni

Co-Tutor: dr. Marco Pirazzini



Ambra Bertocco

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Research line: Untangling the role of ER stress and membrane lipid imbalance in fine particulate matter exposure.

Supervisor: dr. Diana Pendin



Sara Granuzzo

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Research line: Development of a yeast-based system to remove and recover heavy metals.

Supervisor: dr. Raffaele Lopreiato

Co-Tutor: dr. Paolo Antoniali

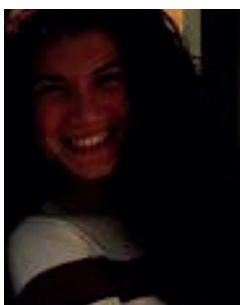


Giulio Masiero

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Research line: New drug development for the treatment of Sarcopenia

Supervisor: prof. Marco Sandri



Giorgia Schiavone

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Research line: Novel formulation for Botulinum Neurotoxin delivery via hydrogels based on polysaccharides from natural sources

Supervisor: dr. Marco Pirazzini

Co-Tutor: prof. Francesca Mastrotto



Pedro Rafael Megalaes Veloso

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Research line: Protein composition and functional effects of the species-specific biomolecular corona formation on NPs

Supervisor: prof. emanuele Papini