

Laura Cancedda



Laura received her PhD at the Scuola Normale Superiore, Italy. She did her postdoc at University of Berkeley, California. In 2006, she joined the Italian Institute of Technology (IIT) as the principal investigator of the Neurodevelopment and disease lab. She also was also a researcher at the Telethon Dulbecco Institute from 2016 to 2021, and she is an alumna of the FENS KAVLI network of excellence. In 2016, she received a Consolidator grant from the ERC. In 2022, she launched the start-up IAMA Therapeutics.

The Cancedda lab, studies brain development in health and disease, and tries to discover novel therapeutic approaches for the treatment of neurodevelopmental disorders. The lab utilizes a multidisciplinary approach with molecular biology, biochemistry, electrophysiology and behavioral tests.

Date of Seminar 17/01/2025 – 11,00 > 12,30 AULA PERUCCA

Seminar Title

NKCC1 Inhibition in the brain: from basic research to an innovate start-up.

Abstract

General aspect on Laura's group activity at Genova IIT will be illustrated. The meeting will focus on the long and winding road that, over about ten years, led a multidisciplinary team from the Italian Institute of Technology (IIT) to develop the foundational knowledge needed to launch a startup. The main goal is to develop new drugs to treat central nervous system disorders that currently have no available therapies.