



PhD Program in Biomedical and Neuromotor Sciences

# In vitro experimental models of Autosomal Dominant Leukodystrophy (ADLD) and Brain Development Seminar 2024

Program, 26 July 2024

**Scientific Committee:** Prof Pietro Cortelli, Prof Elisa Giorgio, Prof Stefano Ratti

**10:00:** Welcome addresses and introduction  
**Prof Stefano Ratti**, University of Bologna

**10:15 Keynote Lecture:** Uncovering the significance of tissue stiffness in brain development  
**Prof Yoichi Kosodo**, Korea Brain Research Institute

**11:00:** Autosomal Dominant Leukodystrophy (ADLD): findings from cortical organoids  
**Dr Minkyung Shin**, Korea Brain Research Institute

**11:20:** Insights from Autosomal Dominant Leukodystrophy cellular models to cerebrospinal fluid metabolomics  
**Dr Foteini Dionysia Koufi**, University of Bologna

**11:40:** Human iPSC-based CNS systems to model Autosomal Dominant Leukodystrophy  
**Dr Ingrid Battistella**, University of Trento

**12:00:** Final comments and acknowledgments



## LOCATION

via Irnerio 48, 40126, Bologna  
Aula Magna Olivo  
Anatomy Center

