



RESIDENZA UNIVERSITARIA  
BIOMEDICA

FONDAZIONE COLLEGIO UNIVERSITARIO  
S. CATERINA DA SIENA

## Resident's day

### Studi e ricerche degli alunni della Residenza Biomedica

Venerdì 12 giugno 2026 ore 18.00

Residenza Universitaria Biomedica

Via L. Giulotto 12 - Pavia – Aula Magna M. A. Sairani





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## PROGRAMMA

The role of the territory inside the Ancient Greek city during the classical and archaic periods

Antoine CUSMA' (PhD Università di Pavia)

The spatial extent of fast ripples is associated with cognitive and language deficits in children with focal epilepsy: an exploratory SEEG study

Marco DALLAVALLE (Specializzando IRCCS Ospedale San Raffaele)

Understanding complex brain function through biophysical models: What brain networks can tell us about health and disease

Gökçe KORKMAZ (PhD Università di Pavia)

From the Lab Bench to Artificial Intelligence: Computational Biophysics, Molecular Simulations, and AI to Understand How Molecules Recognize Each Other and Accelerate Drug Discovery

Mattia LAI (Laureato Università di Pavia)

The S-matrix between operator formalism and Feynman diagrams

Elisa MACCIONI (Studentessa LM Università di Pavia)

It's Not Just a Game: Analysis of the Social Determinants of Gambling in a Sample of Italian Adolescents and Implications for Public Health

Giandomenico SILVESTRI (Specializzando Università di Pavia)

Black hole evaporation: the death of a dead star

Samuele SPEDICATO (Studente LM Università di Pavia)

Modera gli interventi Giorgio ELIA (Studente LU Università di Pavia)