



UNIVERSITÀ DEL PIEMONTE ORIENTALE  
DIPARTIMENTO DI SCIENZE DEL FARMACO

# PROGRAMMA SEMINARI 2024/25

**12:30, Aula A4-Dipartimento di Scienze del Farmaco, L.go Donegani 2,  
Novara ed in diretta streaming**

**Sustainable practices for the extraction of value-added compounds from agro-food waste and algae**

**26 Settembre** Pedro Ferreira Santos (University of Vigo, Spain)

**The glutamatergic synapse: a chat room for amyloid-beta peptide and the nucleus**

**9 Ottobre** Laura D'Andrea (Università degli Studi di Milano)

**"The Eight Colours of the Rainbow" workshop DSF Novara**

Marco Mazzorana (Diamond Light Source, UK)

**15 Ottobre**, Yellow - Integrative Structural Biology at a world-class facility

**16 Ottobre**, Cyan - High throughput methods in Structural biology

**17 Ottobre**, Purple - Preparation and analysis of membrane proteins

**18 Ottobre**, Green - Undoing the evil: chemistry turned green

**14-17 Ottobre**, Afternoon-2 hours of training activity/day (C room):

Pink - Writing a good proposal: tools and tricks

Blue - Sample preparation for structural biology

Orange - A journey in the unexpected: when proteins don't behave as we wish

Red - When 'revolutions' are not enough: old techniques for new science

**TREM2 brain macrophages in mouse and human models of neurodegeneration**

**13 Novembre** Fabia Filipello (Washington University)

(14:00-15:00 On-line)

**Surface plasmon resonance for the study of biomolecular interactions with targets of pharmaceutical interest: strengths and challenges**

**20 Novembre** Francesca Rinaldi (Università di Pavia)

**Nanomedicine hype: from Covid to Brain Diseases**

**4 Dicembre** Giovanni Tosi (Università di Modena e Reggio Emilia)

**The Blood-brain barrier: friend or foe in pharmacological research?**

**15 Gennaio** Simona Federica Spampinato (Università di Torino)



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**Metabolic reprogramming: unveiling the role of amino acid metabolism in the cancer microenvironment**

**29 Gennaio**

Alessio Menga (UPO-CAAD)

**PhD Students seminars:**

**12 Febbraio**

**26 Febbraio**

