



UNIVERSITÀ DEL PIEMONTE ORIENTALE
DIPARTIMENTO DI SCIENZE DEL FARMACO

PROGRAMMA SEMINARI 2023/24

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

SEMINARI PhD STUDENTS- DRUG INNOVATION 7 Febbraio 2024

HOW ADULT HIPPOCAMPAL NEUROGENESIS RESCUES THE IMPAIRMENT OF ALZHEIMER'S DISEASE

Greta De Cicco

DIFFERENCES IN THE ON-LABEL ONCOLOGICAL INDICATIONS GRANTED BY REGULATORY AGENCIES BETWEEN EUROPE AND THE UNITED STATES

Martina Perini

ESSENTIAL MEDICINES AND ORPHAN DRUGS BINOMIO: HOW THE WHO HAS MANAGED THE REJECTIONS SINCE 2002

Vittorio Del Grosso

SPRAY CONGEALING: A VERSATILE TECHNIQUE FOR PRODUCING SOLID LIPID MICROPARTICLES

Andrea Milanesi

EXPLOITATION OF ENZYMIC PROMISCUITY FOR THE SYNTHESIS OF NATURAL CANNABINOIDS

Stefano Salamone

MICROFLUIDICS FOR THE PRODUCTION OF BIOPOLYMER-BASED MICROPARTICLES

Alessandro Candiani

GREEN RECOVERY OF SERINOL BY SALIFICATION

Rachele Maschio

SEMINARI PhD STUDENTS- DRUG INNOVATION 14 Febbraio 2024

IS IT POSSIBLE TO IMPROVE THE SUCCESS RATE OF CELLULAR THERAPY BASED ON STEM CELLS?

Castiglioni Beatrice

FORMOSULFATHIAZOLE: STRUCTURAL REVISION

Maestri Claudio

BACTERIAL DNA REPLICATION INITIATION: STRUCTURAL AND KINETIC INSIGHTS INTO THE REPLICATIVE HELICASE LOADING MECHANISM IN VIBRIO CHOLERAЕ

Daniele Mazzeletti

EVOLUTION IN BIOISOSTERISM: RING EQUIVALENCE, FLUORINE AND THE LAST FRONTIER OF DEUTERIUM

Sarah Jane Rezzi



UNIVERSITÀ DEL PIEMONTE ORIENTALE
DIPARTIMENTO DI SCIENZE DEL FARMACO

PROGRAMMA SEMINARI 2023/24

CATALYZING INNOVATIONS: EXPLORING PHOTOREDOX CATALYSIS FOR ACCESSING NOVEL STRUCTURES IN MEDICINAL CHEMISTRY

Francesca Brunelli

WHAT IS THE "VALUE" OF CANCER MEDICINES? DEFINITION, TOOLS AND NEXT-STEPS OF REGULATORY SCIENCE IN ONCOLOGY

Dario Trapani

GREEN EXTRACTION APPROACHES FOR RECOVERING BIOACTIVE CHEMICALS AND VALORIZING INDUSTRIAL BY-PRODUCTS

Yassine Jaouhari

SEMINARI PhD STUDENTS- DRUG INNOVATION 21 Febbraio 2024

RECENT ADVANCES IN BIOSENSORS: DETECTION OF ESTROGENS

Delconti Marta

BORON-FUNCTIONALISED PROBES FOR THE APPLICATIONS OF NCT IN GLIOBLASTOMA AND MALIGNANT PLEURAL MESOTHELIOMA

Sonia Siragusa

APPLICATION OF 4T1 ORTHOTOPIC MOUSE MODEL TO STUDY THE METASTATIC SPREAD OF TRIPLE-NEGATIVE BREAST CANCER

Balestrero Federica Carolina

ADULT NEURAL STEMS AND NEURAL PROGENITORS AND THEIR ROLE IN ALZHEIMER'S DISEASE

Corinna Anais Pagano

PENETRATION AND PERMEATION OF BIOACTIVE MOLECULES THROUGH THE SKIN

Alice Picco

NAV1.7 AS A THERAPEUTIC TARGET IN NEUROPATHIC PAIN TREATMENT

Georgia Goutsiou

DRUG DISCOVERY THROUGH PHOTOCHEMICAL REARRANGEMENT OF NATURAL PRODUCTS

Chiara Maioli



UNIVERSITÀ DEL PIEMONTE ORIENTALE
DIPARTIMENTO DI SCIENZE DEL FARMACO

PROGRAMMA SEMINARI 2023/24

STRUCTURAL AND FUNCTIONAL CHARACTERIZATION OF MECHANISMS CONTROLLING EPITHELIAL TISSUE INTEGRITY

6 Marzo 2024 Marina Mapelli (IEO)

CHOOSING TO BE DIFFERENT: CELL IDENTITY AND FATE CHOICE IN THE DEVELOPING BRAIN

13 Marzo 2024 Elena Taverna (Human Technopole, Milano)

WHEN THE PATIENT IS THE MODEL: USE OF HUMAN INDUCED PLURIPOTENT STEM CELLS (iPSC)

15 Marzo 2024 Massimiliano De Paola (Ist. di Ric. Farmac. "Mario Negri", Milano)

GLYCOGEN SYNTHASE KINASE 3 β : A NEW GOLD RUSH IN ANTI-ALZHEIMER'S DISEASE DRUG DISCOVERY?

27 Marzo 2024 Andrea Millelli (Università di Bologna)

GLYCOCONJUGATED VACCINES: DESIGN, DEVELOPMENT AND CHARACTERIZATION

24 Aprile 2024 Sara Tengattini (UNIPV)

NMR AND NEW ANALYTICAL APPROACHES IN THE CHARACTERIZATION OF COMPLEX MIXTURE DRUGS

8 Maggio 2024 Marco Guerrini (Istituto Ronzoni Milano)

SYNTHESIS OF SUBSTRATE, SUBSTRATE-BASED ANALOGUES AS POTENTIAL INHIBITORS OF ENZYME CYSTEINE LIGASE (MSHC) IN *Mycobacterium tuberculosis*

15 Maggio 2024 Peter R. Andreana (University of Toledo)

