

### **CHAIR - Marta Biagioli & Nicola Segata**

#### 15:30 Rebecca Binacchi

FTV7 AS A NOVEL POTENTIAL TARGET TO ADDRESS CANCER AGGRESSIVENESS AND **CHEMORESISTANCE** 

#### 15:50Gian Mario Moretta

M6A WRITER COMPLEX: EPITRANSCRIPTOMIC **REGULATOR OF P53 PATHWAY** 

#### 16:10 Lucia Santomaso

DISSECTING THE ROLE OF MLL4 IN KABUKI SYNDROME PATHOGENESIS THROUGH THE LENSES OF CELL DIFFERENTIATION

#### 16:30 Marta Stancampiano

TARGETING THE LUNG EPITHELIUM FOR ADVANCED THERAPIES IN CYSTIC FIBROSIS

#### 16:50 Ilaria Bruno

RIBOWICH: HIGH-THROUGHPUT RIBOSOME PROFILING FOR ENABLING BEYOND GENERATION STUDIES OF TRANSLATION

#### 17:10 FINAL MEETING

MEETING WITH THE DIRECTOR AND THE VICE COORDINATOR OF THE PHD





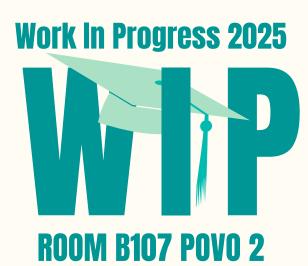
18.30 **POV02** 





Dipartimento di Biologia Cellulare, Computazionale e Integrata - CIBIO





8 & 9 SEPTEMBER 2025

# **8 SEPTEMBER**

9:30 Welcome

### **SESSION 1**

#### **CHAIR - Michela A. Denti & Alessandro Romanel**

#### 09:50 Laura Bartolomei

OVERCOMING RADIO-RESISTANCE BY TARGETING P21 IN COLORECTAL CANCER

#### 10:10 Irene Pecchini

TELOMERE MAINTENANCE MECHANISMS ENGAGE RNA SENSING TO SHAPE THE IMMUNE LANDSCAPE IN BRAIN TUMORS

#### 10:30 Daniele Migliorati

HARNESSING MULTIPLEXED BASE EDITING SCREENS FOR TARGETED FUNCTIONAL GENOMICS

#### 10:50 Giulia Vitali

DISSECTING THE ROLE OF RNA IN THE FINE TUNING OF MLL4 FUNCTION

#### **COFFEE BREAK**

### **SESSION 2**

#### **CHAIR - Massimo Pizzato & Paolo Macchi**

#### 11:30 Vittorio Bontempi

MAINTENANCE MECHANISMS IN DIFFUSE GLIOMAS AT THE SINGLE CELL LEVEL

#### 11:50 Alessia Marinelli

IN VITRO EVIDENCE OF TME CELL REPROGRAMMING BY PROSTATE CANCER-DERIVED LARGE EXTRACELLULAR VESICLES

#### 12:10 Cosimo Sabino

RAPAMYCIN DEREGULATED GENES AS NEW POTENTIAL TARGETS FOR ANTIAGING INTERVENTIONS

#### 12:30 Giorgia Pellizzaro

METTL3 INHIBITION PRIMES AML CELLS TO STING-DRIVEN MITOCHONDRIAL APOPTOSIS

#### **LUNCH TIME**

14:00 - 16:00 POSTER SESSION

### **SESSION 3**

#### **CHAIR - Alberto Inga & Maria Caterina Mione**

#### 15:50 Dalila Paladino

MODULATING HUR ACTIVITY AS A NOVEL ANTI-PSORIATIC PHARMACOLOGICAL STRATEGY

#### 16:10 Christian Ramirez Amarilla

DISSECTING THE ROLE OF THE M6A COMPLEX IN LEUKEMIA VIA MULTIOMIC PROFILING

#### 16:30 Federica Busi

A MESSAGE FROM MELANOMA: EVS AS DRIVERS OF RLRS-MEDIATED INFLAMMATION

#### 16:50 Paolo Brunelli

OPTOTRKB NEURAL ACTIVATION FOR IN VIVO TRANSLATION OF OPTOGENETIC MEMORY ENGRAM CONSOLIDATION

#### 17:10 Laura Alunno

HOW A 3'UTR TRANSNP CONTROLS DDIT4 PROTEIN OUTPUT

## **9 SEPTEMBER**

## **SESSION 4**

#### CHAIR - Martin M. Hanczyc & Orietta Massidda

#### 09:30 Giorgia Zappacosta

FRIEDREICH'S ATAXIA: INCREASE THE EXPRESSION OF FRATAXIN BY GENOME EDITING

#### 09:50 Anna Barbieri

MYC-DRIVEN GLIOSIS IMPAIRS NEURONAL SURVIVAL AND CONTRIBUTES TO EARLY SENESCENCE IN AMYOTROPHIC LATERAL SCLEROSIS

#### 10:10 Matteo Ciciani

SYSTEMATIC INVESTIGATION OF THE DIVERSITY OF PROKARYOTIC MOBILE GENETIC ELEMENTS USING MASSIVE METAGENOMIC AND METATRANSCRIPTOMIC DATA

#### 10:30 Elena Cerri

DISRUPTING M6A-YTHDF PROTEIN
INTERACTIONS TO UNLOCK NEW THERAPEUTIC
STRATEGIES IN AML

#### **COFFEE BREAK**

11:00 - 15:30 POSTER SESSION

**WORK IN PROGRESS 2025**