

1st PhD Day

Organizing Committee

University of Pavia
Rossella Tricarico
Paola Rebuzzini
Viola Camilla Scoffone
Alberto Azzalin
Chiara Albertini
Nicola Bosco
Carlo Croci

CNR-IGM
Francesca Scolari
Elena Botta



PhD
Program
Director

Davide Sassera

February 5th,
2026

Campus
Aqua, Aula F

Conference Program

8:30 - 9:00 | Registration

9:00 - 9:15 | Welcome and Opening Remarks

Antonio Torroni (DBB Director) · **Davide Sassera** (PhD Program Director) · **Alessandro Achilli** (Advisor to Scuola di Alta Formazione Dottorale)

9:15 - 10:00 | Keynote Lecture

Massimo Delledonne (University of Verona) | Sequencing (r)evolution Chair: **Nicola Bosco** (XXXIX Cycle)

10:00 - 11:30 | Talks | XXXIX Cycle

Chairs: **Emma Lugli** (XL Cycle) · **Nicolò Gennari** (XL Cycle)

10:00 - 10:15

Francesco Ascione | ITF3912-5: a novel SSTR2-directed cytotoxic somatostatin analogue with potent anti-tumor activity in NETs

10:15 - 10:30

Virginia Batignani | Engineering *Klebsiella pneumoniae*'s outer membrane proteins as novel antigen for therapeutic purposes

10:30 - 10:45

Francesca Giammello | Contribution of $\text{Na}^+/\text{Ca}^{2+}$ exchanger (NCX1) to migration and vasculogenic mimicry in a primary human glioblastoma cell line

10:45 - 11:00 | Coffee Break

11:00 - 11:15

Nadia Tagliaferri | From repeat expansion to DNA repair defect: unraveling the molecular basis of CANVAS

11:15 - 11:30

Gaia Veniali | Tumor-stroma crosstalk: insights from NER deficient disorders

11:30 - 11:45

Nuova Genetica Italiana Talk

Giorgio Chiodaroli | A decade of genomics: experiences and outlooks of Nuova Genetica Italiana
Chair: **Rossella Tricarico** (Head of Organizing Committee)

11:45 - 13:00 | Poster Session | XXXIX Cycle

13:00 - 14:00 | Lunch Break

14:00 - 14:30 | Pitch | XLI Cycle

Chair: **Anna Tommasi** (XL Cycle)

14:30 - 15:45 | Talks | XL Cycle

Chairs: **Francesca Brevi** (XXXIX Cycle) · **Carlo Croci** (XXXIX Cycle)

14:30 - 14:45

Lorenzo Atzeni | Search of mechanisms of RNA:DNA hybrids driven DNA damage

14:45 - 15:00

Elisa Cataudella | A transiently amplifying and self-limiting Nova2-ADAR2 circuit in endothelial cells

15:00 - 15:15

Giada Maria Giunta | The role of extracellular DNA traps in autoimmune inflammation of the central nervous system

15:15 - 15:30

Aromita Mallik | Novel compounds targeting mitochondrial DNA offer strategies for glioblastoma therapy

15:30 - 15:45

Michela Vumbaca | Sweep-metagenomic analysis of *Candida* spp. illuminates species and strain diversity within and between patients in a large hospital cohort

15:45 - 16:00 | Coffee Break

16:00 - 17:15 | Poster Session | XL Cycle

17:15 - 17:45 | Awards Ceremony

Best Talks and Best Posters Awards
Rossella Tricarico (Head of Organizing Committee) · **Davide Sassera** (PhD Program Director)

17:45 - 19:30 | Closing Party - Main Hall, **Golgi Spallanzani** (Botta 2) Building

Affiliated Departments and Institutes

Sponsor