

Master Degree in *Functional Genomics*

Regulation of Gene Expression

20th – 24th
October 2025

Università degli Studi di
Trieste
Campus di Piazzale
Europa



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INTERNATIONAL WORKSHOP

The course is part of the Double
Diploma program among the
Universities of Trieste, Paris Cité (F),
and Rennes (F)



Dipartimento di
Scienze della Vita



Université
Paris Cité



Université
de Rennes

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FRANCESE**



International workshop 2025 20th– 25th October 2025

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Monday 20st October

Coffee room, III floor bldg. Q

9.30 – 10.00

Coffee

Room A, bldg. C9

10.00 – 10.30

G. Manfioletti, Dept. Life
Sciences – University of Trieste

**“Introduction to the
International workshop in
Trieste”**

10.30 – 12.00

E. Buratti, International Centre for
Genetic Engineering and
Biotechnology (ICGEB) – Trieste

**“AI-powered drug screening for
TDP-43 neurodegenerative
diseases”**

Lunch, bldg. I

Small Room, bldg. C6

14.00 – 15.30

G. Petris, Department of Medicine
University of Udine e Fondazione
Italiana Fegato - Trieste

**“From gene editing to genome
synthesis: the growing
ambitions of genome
engineering”**

15.30 – 17.00

A. Muro, International Centre for
Genetic Engineering and
Biotechnology (ICGEB) – Trieste

**“From gene therapy to
genome editing with
engineered nucleases”**

19:30

Dinner at “Rosso Pomodoro”

Riva T. Gulli, 8



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Tuesday 21st October

Room B «idraulica», Bldg. C2

9.00 – 10.30

R. Sanges, International School
for Advanced Science (SISSA)
– Trieste

**”The Well-Tempered
Genome: co-option of
transposable elements and
the evolution of complexity”**

10.30 – 12.00

S. Onesti, Elettra Sincrotrone,
Trieste

**“Helicases at the cross-road
between DNA replication and
repair”**

Lunch, bldg. I

14.30 – 18.30

Visit to Elettra Synchrotron

Area Science Park - Trieste

Wednesday 22st October

*Sala Atti Cacciaguerra, Bldg. A
Right Wing*

9.00 – 9.45

S. Bosi and R. Bortul, CIMA Dept. Life
Sciences – University of Trieste

**”Transmission electron microscopy:
imaging and sample preparation”**

9.45 – 10.30

D. Porrelli, CIMA Dept. Life Sciences –
University of Trieste

**“Scanning Electron Microscopy:
imaging and chemical analysis”**

10.30 – 11.15

A. Thalammer, Dept. Life Sciences –
University of Trieste

**”Advanced Optical Microscopy
Techniques”**

11.30 – 13.00

**Visit at CIMA (Interdepartmental
Center for Advanced Microscopy)**

Lunch, bldg. I

14.30 – 17.30

Poster session

Building H3 – Campus p.le Europa



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Thursday 23rd October

**Sala Atti Cacciaguerra, Bldg. A
Right Wing**

09.00 – 10.30

F. Napoletano, Dept. Life Sciences –
University of Trieste

**“Nuclear mechanotransduction and
genome regulation in aging-related
diseases”**

10.30 – 12.00

A. Colliva, International Centre for
Genetic Engineering and
Biotechnology (ICGEB) – Trieste

**“From Cardiac Regeneration to
Cancer Therapy”**

12.00 – 13.00

F. Mafessoni, Dept. Life Sciences
– University of Trieste

**”Human encounters with
archaic hominins through the
lenses of ancient and modern
genomes”**

Lunch bldg. I

Friday 24th October

Room E1, Bldg. C1

9.00 – 11.00

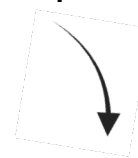
Exam

Notes

Social events: coffee on
Monday morning and dinner at
“Rosso Pomodoro”.

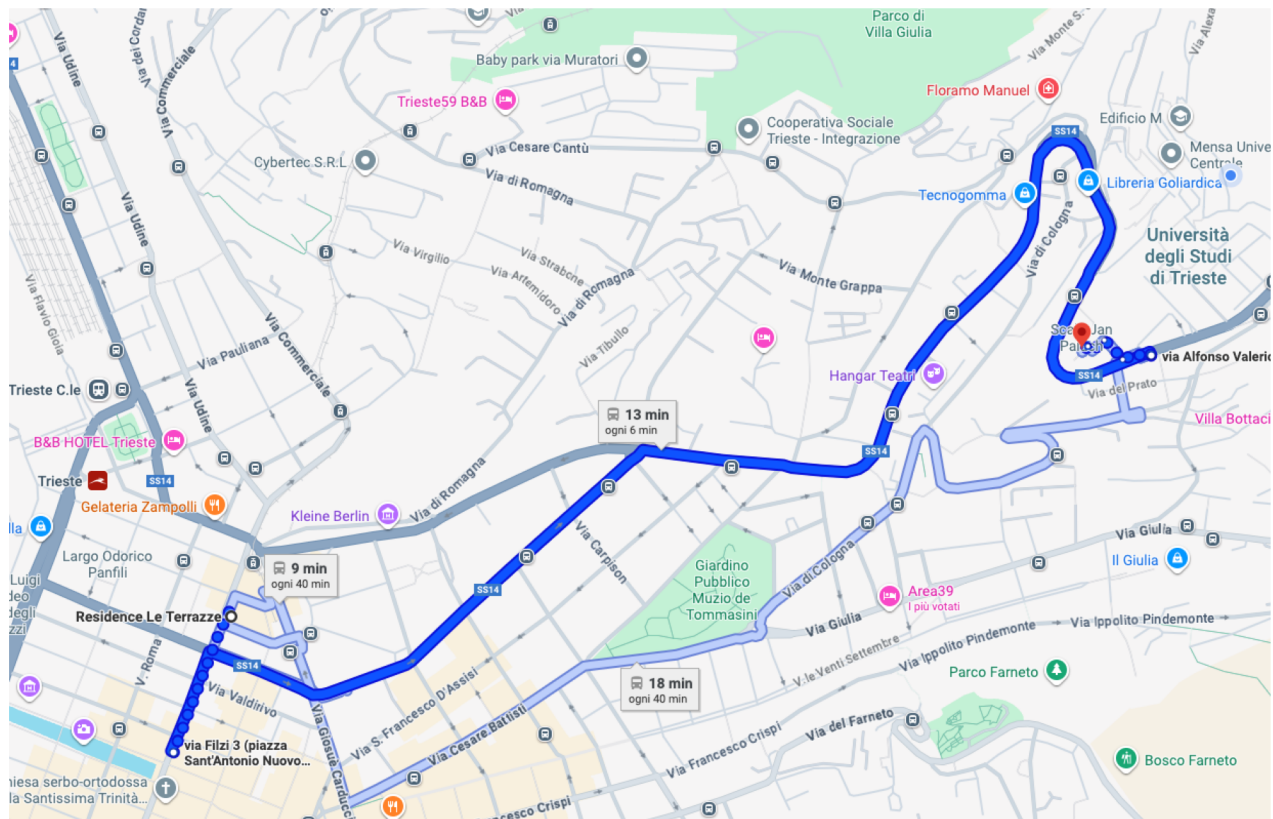
Lunch: building I

Location: seminars will take
place in p.le Europa Campus



More info about the location
of the buildings!

<https://www.google.com/maps/d/edit?mid=1bXSNxZEgJ2s3qZzzEbaytkvRqracEBA&usp=sharing>



Take bus n. 17 or 17/ and stop in via Alfonso Valerio 2 to reach the «Piazzale Europa» from the center.

