



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

PROGRAM

BASIC AND TRANSLATIONAL SCIENCES

Monday, February 12, 2024

- 12:30 **Introduction**
Massimiliano Zattin, *Vice Rector for Postgraduate and Doctorate Programmes, University of Padua*
Dario Gregori, *Coordinator, PhD Program "Translational Specialistic Medicine 'G.B. Morgagni'", University of Padua*

CHAIRPERSON: ELENA PEGORARO

- 13:00 **In-Silico modeling**
Veronica Salmaso, *University of Padua*

- 14:15 **Patient preferences research**
Ileana Baldi, *University of Padua*

15:30 COFFEE BREAK

CHAIRPERSON: STEFANO INDRACCOLO

- 16:00 **Generative AI**
Alessandro Sperduti, *University of Padua*

- 17:15 **Artificial Intelligence in surgery**
Alessandro Boaro, *University of Verona*

Tuesday, February 13, 2024

CHAIRPERSON: GIANNI BISOGNO

- 13:00 **Stem Cell research, regenerative medicine and disease modeling**
Laura Iop, *University of Padua*

- 14:15 **Radiomics: Perspective and opportunities for research**
Chiara Giraud, *University of Padua*

15:30 COFFEE BREAK

CHAIRPERSON: GIAN PAOLO ROSSI

- 16:00 **Neuromuscular Diseases: from molecular mechanisms to therapies**

Luca Bello, *University of Padua*

- 17:15 **User's guide to systematic reviews and meta-analyses**
Ioana Alina Cristea, *University of Padua*

Wednesday, February 14, 2024

CHAIRPERSON: PAOLO SPAGNOLO

- 13:00 **Frontiers in cooperative clinical research**
Silvia Bressan, *University of Padua*

- 14:15 **Innovations in cancer therapeutics**
Maria Gabelli, *University of Padua*

15:30 COFFEE BREAK

CHAIRPERSON: ANGELO AVOGARO

- 16:00 **Diabetes. New drugs opportunities for a new era of management and treatment**
Gian Paolo Fadini, *University of Padua*

- 17:15 **New models and designs in vaccines research**
Giulia Zigon, *GSK Italia*

Thursday, February 15, 2024

CHAIRPERSON: MARTINA PERAZZOLO MARRA

- 13:00 **Wearable sensors for mobility assessment, real-world monitoring, and rehabilitation**

Alex Rizzato, *University of Padua*

- 14:15 **Paleopathology**

Alberto Zanatta, *University of Padua*

15:30 COFFEE BREAK

CHAIRPERSON: ANNIBALE BIGGERI

- 16:00 **Omics data Analysis**
Davide Rizzo, *University of Padua*

- 17:15 **Navigating nanomolecules: a practical approach to future medicine**

Chiara Castellani, *University of Padua*

Friday, February 16, 2024

CHAIRPERSON: ANNALISA ANGELINI

- 10:00 **New regulations in Ethical Committees**
Adriana Cecchi, *ARCS, Regione Autonoma Friuli Venezia Giulia*

- 11:15 **Cybersecurity and bio-medical research – ONLINE LECTURE**
Alberto Giaretta, *Örebro University, Svezia*

12:30 LUNCH

CHAIRPERSON: DARIO GREGORI

- 13:30 **Genomic editing techniques in molecular biology. Tech and ethics**
Enrico Lavezzo, *University of Padua*

- 14:45 **Gender disparities in clinical and surgery research**
Gaya Spolverato, *University of Padua*

- 16:00 **Conclusions**
Dario Gregori, *University of Padua*

WINTER
SCHOOL
2024

PhD COURSES
OF THE SCHOOL
OF MEDICINE
CYCLE 39°

Aula Cagnetto

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