

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 Risso, 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

ORGANIZED BY: ALESSANDRA CERVELLIN

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

WINTER SCHOOL PROGRAM

**BASIC AND TRANSLATIONAL
SCIENCES**

**PHD COURSES
OF THE SCHOOL OF MEDICINE
OF PADUA UNIVERSITY
- CYCLE 39 -**



PADUA, FEBRUARY 12-16, 2024

Aula Cagnetto

Institute of Pathological Anatomy
Via A Gabelli, 61 – 35121 Padova



[HTTPS://UNIPD.ZOOM.US/J/87130641233](https://unipd.zoom.us/j/87130641233)

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 Girauda, *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*