# The 4th Symposium on Treatment-Induced Neuroendocrine Prostate Cancer

## 18–19 November 2026

## DAY 1

**09:15 Opening Remarks** (Organizing Committee, INT Scientific Direction)

### SESSION 1
### LINEAGE PLASTICITY IN NEPC ONSET AND PROGRESSION
Chair: **Prof Paolo Gandellini**

**09:30** "Opening Lecture: "Adapting to survive: Lineage Plasticity as a challenge in Prostate Cancer hormone therapy" **Dr. Amina Zoubeidi** (Vancouver Prostate Centre/University of British Columbia, BC, CA)

**10:30** "Modeling and Targeting NEPC Evolution - From lineage plasticity to therapeutic vulnerability " **Prof Yuzhuo Wang** (Vancouver Prostate Centre/University of British Columbia, BC, CA)

**11:00** Coffee Break

**11:30** Selected short talk: "SWI/SNF complex inhibition blocks lineage plasticity towards neuroendocrine-like castration-resistant prostate cancer" **Irene Paassen** (University of Bern, Switzerland)
Selected short talk: "Multi-Omic Profiling Clarifies Distinct Treatment-Induced Lineage Plasticity Trajectories in Prostate Cancer" **Joshi J. Alumkal** (University of Michigan (U-M) Rogel Cancer Center).

**12:00** "Meet-the-Editor session" **Dr Luca Danelli** (Consulting Editor, Nature Cancer, Nature Communications, UK)

**12:30** Lunch + Poster Session

### SESSION 2
### TUMOR- AND MICROENVIRONMENT- DETERMINANTS OF LINEAGE PLASTICITY AND THERAPY RESISTANCE IN PROSTATE CANCER
Chair: **Prof. Antonino Bruno**

**14:00** "Microenvironment players: frenemies in the development of neuroendocrine prostate cancer" **Dr Elena Jachetti** (Fondazione IRCCS Istituto Nazionale dei Tumori di Milano, Milan, IT)

**14:30** "Interrogating the Tumour Microenvironment of NEPC Using GeoMx Digital Spatial Profiling" **Dr Nicola Annels** (University of Surrey, Guildford, UK)

**15:00** Selected short talk: "The role of hypoxia-induced metabolic reprogramming in prostate cancer progression" **Isabel Misir** (The Open University, Milton Keynes, UK)
Selected short talk: "Local combination of TLR-3 agonist and radiotherapy stimulates the formation of tertiary lymphoid structures to efficiently control prostate cancer growth" **Irene Fischetti** (Fondazione IRCCS Istituto Nazionale dei Tumori di Milano, Milan, Italy)

**15:30** Coffee Break + Poster Session

**16:30** "Tackling Advanced Prostate Cancer: Make OncoPathways Lethal" **Prof Andrea Lunardi** (University of Trento, Trento, IT)

**17:00** "Optimising Prostate Cancer Treatment by Modulating the Tumour Microenvironment" **Prof Andrea Alimonti** (Institute of Oncology Research, Bellinzona, CH)

**18:00** Networking and welcome cocktail

## DAY 2

### SESSION 3
### LIQUID BIOPSY AND EPIGENETICS
Chair: **Dr. Elena Jachetti**

**09:00** "Harnessing Complementary Signals Across Liquid Biopsy Analytes" **Prof. Francesca Demichelis** (University of Trento, Trento, IT)

**09:30** "Precision Epigenetic Therapies for NEPC" **Prof Francesco Crea** (The Open University, Milton Keynes, UK)

**10:00** Selected short talk: "Pre-existing neuroendocrine features in primary prostate cancer are associated with a phenotype potentially linked to tumor dissemination: a pilot study" **Natalia Bednarz-Knoll** (University of Gdańsk, Gdańsk, Poland).
Selected short talk: "TRIM24 Degradation Counteracts Adaptation to Androgen Receptor Inhibition in Prostate Cancer" **Daniela Bossi** (IOR, Institute of Oncology Research, Bellinzona, Switzerland)

**10:30** Coffee Break

### SESSION 4
### TRANSLATIONAL AND CLINICAL PERSPECTIVES
Chair: **Prof. Giuseppe Procopio**

**11:00** "Diagnostic challenges and therapeutic perspectives for treatment emergent NEPC" **Dr Elena Verzoni** (Fondazione IRCCS Istituto Nazionale dei Tumori di Milano, Milan, IT)

**11:30** "Treatment-Emergent NEPC in Clinical Practice: the INT experience" **Dr Eleonora Gusmaroli** (Fondazione IRCCS Istituto Nazionale dei Tumori di Milano, Milan, IT)

**12:00** Selected short talk: "A novel multiomics machine learning signature identifies rapid progression in clinically low risk prostate cancer" **Arian Lundberg** (KTH Royal Institute of Technology, Stockholm, Sweden).

**12:15** "**AIRC Closing Lecture**: Cell Surface Remodeling during Lineage Plasticity" **Prof Himisha Beltran** (Dana-Farber Cancer Institute, Boston, MA, USA)

**13:15** Closing Remarks

### VENUE
### AULA MAGNA GIANNI BONADONNA
### Fondazione IRCCS Istituto Nazionale dei Tumori
### Via G. Venezian 1, Milan - Italy

**Supported by:**

Fondazione IRCCS Istituto Nazionale dei Tumori

Sistema Socio Sanitario Regione Lombardia

AIRC

**Organizing Committee:**

Elena Jachetti, Roberta Sulsenti, Ester Grande