

# Oncology Research Center Day 2025

## Personalized Oncology: innovation in cancer treatment and care

**Wednesday 17 December 2025**  
**Landmark Plateau, UZ Brussel**

*Congress Room 'Den Agora', Level 0, Landmark Building, UZ Brussel*

**12:00-13:00 Lunch and networking moment**

*'t Stamenei + De Foyer, Landmark Plateau, level 0, Landmark Building, UZ Brussel*

### Welcome & Introduction ORC

**13:00-13:10** Isabelle Houbracken (program manager Oncology Research Center)

### Session I

Moderators: Vincent De Man, Femke Van Landschoot

**13:10-13:40 Keynote 1: Innovations in Nuclear Medicine for Personalized Cancer Care**  
**Sophie Bourgeois** UZ Brussel, Nuclear Medicine

**13:40-14:00 ORC Research talk I: Markerless motion management for stereotactic lung irradiation**  
**Thierry Gevaert** REDM VUB-UZ Brussel

**14:00-14:20 ORC Research talk II: Integration of palliative care into phase I oncology trials**  
**Frederick Daenen** EOLC VUB

**14:20-14:40 Short ORC research pitches**  
Presenting authors from ORC research groups

**14:40-15:00 Coffee break and networking moment**

### Session II

Moderators: Silke Van Lint, Chelsea Vinckier

**15:00-15:25 Keynote 2: PACO - from Subjects to Partners. Patient Empowerment in Scientific Research.**  
**Tina De Bruyn Carlier** UZ Brussel, Oncology Center

**15:25-15:45 Short ORC research pitches**  
Presenting authors from ORC research groups

**15:45-16:05 ORC Research talk III Advancing chimeric antigen receptor (CAR)-T cell therapy using nanobodies: design of nanobody-based CARs and nanobody-displaying lentiviral vectors**  
**Fien Meeus** TORC VUB

**16:05-16:50 Keynote 3: Molecular subtyping advances precision medicine in GI cancer**  
**Jianmin Wu** Peking University, China

**16:50-17:00 Closing + Best pitch awards**



**List of speakers ORC pitches:**

**Session I**

- Sophie Hochrath (EOLC): HePaC: Development of a New Palliative Care Model for Patients with Hematological Cancer
- Femke Van Landschoot (EOLC): Empowering Cancer Patients with PROMs: Implementing MyPath at UZ Brussel
- Chelsea Vinckier (EOLC): Quality of life and social support of older people with cancer: EU NAVIGATE baseline data
- Febe Geirnaert (REDM): Targeting tumor hypoxia via hydrogen peroxide for improved radiosensitization
- Lisa Kerkhove (REDM): RADIANT: A Radiobiological analysis of differential iron-dependent ferroptotic and antioxidant responses in the FLASH effect

**Session II**

- Selina Mader (TORC): ROBO1 Defines Therapy-Resistant Persister Cells in Pancreatic Cancer
- Cleo Bertels (TORC): A phase II clinical trial on intracerebral triple immune-checkpoint blockade combined with CD1c (BDCA-1)+/CD141(BDCA-3)+ myeloid dendritic cells for the treatment of patients with recurrent high-grade glioma
- Lien Van Hemelrijck (TORC): MAT2A targeting resets the aberrant methylation landscape and DNA damage response in multiple myeloma, uncovering new potential combination strategies
- Giada Bertazzon (TORC): An mRNA-based approach for rapid CAR T cell screening
- Ellis Michiels (TORC): Mapping the unknown: a spatial deep-dive into ASCP



**Miltenyi Biotec**

ORC day 2025 is sponsored by Miltenyi Biotec BV

Registration and latest program via: <https://orc.vub.be/event/orc-day-2025/>

Accreditation will be applied for. For more info: [orc@vub.be](mailto:orc@vub.be) or [sven.dhaese@uzbrussel.be](mailto:sven.dhaese@uzbrussel.be)