

EDT-CANCEROLOGY ANNUAL MEETING – Friday 23 May 2025

***Innovative Strategies Against Cancer:
Focus on radiosensitisation and new targeted therapies***

Auditoire Gutenberg, Grands Amphis, 8 avenue du Champ de Mars, 7000 Mons

Local Organizers: Prof. Fabrice Journe and Sophie Laurent

PROGRAM

8h30 Registration

9h00 Welcome EDT President, Local Organizer

Morning Session Focus on radiosensitisation

9h15 Innovation and Challenge in Radiotherapy

9h30 Thomas Vangijzegem (UMONS) - Radiosensitizing effect of iron oxide nanoparticles: towards improved radiotherapy outcomes

9h50 Dorianne Sant'Angelo (UMONS) - Therapeutic approaches with iron oxide nanoparticles to induce ferroptosis and overcome radioresistance in cancers

10h10 Shalini Iyer (UNAMUR) - Gold nanoparticles to modify the phenotype of macrophages and radiosensitize tumors

10h30 Coffee break

11h00 Christophe Glorieux (Sun Yat-Sen University Cancer Center, Guangzhou, China) - Targeting ROS in cancer: rationale and strategies

11h40 Sébastien Penninckx (ULB) - Effect of Flash radiotherapy

12h00 Flash presentation (3min) of 10 selected abstracts

12h30 Short Talk of Sponsor

12h45 Lunch + Poster session

Afternoon Session New targeted therapies

14h30 Sébastien Corre (University of Rennes, France) - mRNA translation in regulating the tumour microenvironment

15h10 Harsh Goyal (UCL) Mechanism of progression of myeloproliferative neoplasm to secondary acute myeloid leukemia: key role of p53 mutants and persistent STAT5 activation

15h35 Victoria Mohring (ULIEGE) How glycation stress affects the tumor immune microenvironment in breast cancer ?

16h00 Conclusions, Prizes, Certificates

REGISTRATION: Please visit <https://edt-cancero.be/index.php/activities>

ABSTRACT: All subjects are welcome and should be sent by email to fabrice.journe@umons.ac.be

Deadline for registration and abstract submission is Monday, 12 May 2025