

## 10<sup>th</sup> OncoPoint Symposium – program

29 April 2024 – Sint-Pietersabdij (Gent)

<https://www.crig.ugent.be/en/events/oncopoint-symposium-2024>

8:30 – 9:00 registration

9:00 – 9:10 **opening and introduction**

9:10 – 10:45 **session 1**

- **9:10 keynote presentation**

**Prof. Claus Garbe** (Professor at the Center for Dermatooncology, Eberhard Karls University, Tuebingen & President of the European Association of DermatoOncology) ‘Neoadjuvant immunotherapy for melanoma (from translational research insights to clinical implementation)’

- **10:00 selected abstract presentation**

**Evelien Peeters** (UGent, CRIG) – ‘Targeting the amino acid response pathway as defense against multiple aggressive cancer types’

- **10:15 ‘meet-the-editor’**

**Dr. Giovanni Monaco** (Scientific Editor, Cell Reports Medicine) – ‘Introduction of the *Cell Reports Medicine* journal and its opportunities to publish cancer research’

- **10:20 storm session A - short pitches of selected abstracts**

10:45 – 11:15 **coffee break, sponsor booths & poster viewing**

**11:15 – 12:40 session 2**

- **11:15 meet the ‘ERC Consolidator Grant 2023’ laureates**  
**Prof. Roos Vandenbroucke** (VIB-UGent, CRIG) – ‘DeliChoP: Drug DELIVERY to the brain via CHOroid Plexus targeting’  
**Prof. Lynn Vanhaecke** (UGent, CRIG) – ‘MeMoSa: Metabolomics-driven Molecular Source Analysis for personalized medicine in children’
- **11:35 selected abstract presentation**  
**Dr. Nicky Somers** (UGent, UZ Gent, CRIG) – ‘Pre-treatment serum N-glycans predict poor immunotherapy response and survival in hepatocellular carcinoma’
- **11:50 platform and technology sharing**  
**Frédéric Clement** (UGent, Faculty of Medicine & HS) - ‘Introduction of the new CORE building and its facilities for (cancer) researchers’  
**Dr. Liselot Mus** (UGent, CRIG) - ‘Introduction of the new PDXGhent core facility’  
**Dr. Anne-Sofie Vermeersch** (NXTGNT & UGent) – ‘Olink<sup>®</sup>, a sensitive technology for advanced proteomic analysis in a wide variety of challenging (patient) sample types’  
**Dr. Thomas Naert** (UGent, CRIG) – ‘The Benchtop mesoSPIM: a next-generation light-sheet microscope for large cleared samples’
- **12:10 company pitch presentation by MaxCyte**  
**Dr. Andrew Mancini** (MaxCyte) – ‘Clinical-scale, non-viral manufacturing of transposon-based CAR T cells’
- **12:15 storm session B - short pitches of selected abstracts**

**12:40 – 13:10 poster session****13:10 – 14:00 lunch (provided), poster session (continued) & sponsor booths**

14:00 – 15:20 **session 3: parallel sessions on (A) fundamental & translational cancer research and (B) clinical & psychosocial/nursing cancer research**

session 3A: fundamental & translational research (location: Kapittelzaal – ground floor)

- **14:00 selected abstract presentation**  
**Caro De Haes** (UGent, CRIG) – ‘Lipocalin-2 blockade reduces tumor growth and neutrophil infiltration in a mouse model for triple-negative breast cancer’
- **14:15 selected abstract presentation**  
**Yanou Engelen** (UGent, CRIG) – ‘High-intensity focused ultrasound to induce and boost anti-tumor immunity’
- **14:30 selected abstract presentation**  
**Muhammad Rishfi** (UGent, CRIG) – ‘Targeted AURKA degradation in neuroblastoma: a structure-optimization strategy to develop bioavailable PROTACs for in vivo use’
- **14:45 selected abstract presentation**  
**Dr. Philippe Decruyenaere** (UGent, UZ Gent, CRIG) – ‘Exploring the cell-free transcriptome in diffuse large B-cell lymphoma patients as biomarker source in blood plasma liquid biopsies’
- **15:00 meet 2 laureates of the CRIG ‘young investigator proof-of-concept’ grants**  
**Dr. Sandra Van Lint** (UGent, CRIG) – ‘Igniting strong anti-cancer immunity: engineered mRNA to induce the spark’  
**Dr. Elien De Bousser** (VIB-UGent, CRIG) – ‘N-glycosylation engineering in CAR T cells enhances anti-tumor activity’

session 3B: clinical & psychosocial/nursing research (location: Zolder – first floor)

- **14:00 introduction**  
**Prof. Gwen Sys** (medical coordinator Kankercentrum UZ Gent)
- **14:05 invited speaker presentation**  
**Prof. Emelien Lauwerier** (UGent) – ‘Empowering healing: Understanding the dynamics between cancer, body perception and caregiving’
- **14:30 invited speaker & selected abstract duo-presentation**  
**Prof. Tessa Kerre** (UGent, UZ Gent) – ‘The impact of reading together and art on patients with cancer’  
**Dr. Els De Waegeneer** (UGent) – ‘Supporting and connecting informal caregivers of patients with cancer through the practice of Shared Reading’
- **14:50 selected abstract presentation**  
**Emma Tack** (UGent, UAntwerpen) – ‘Self-management strategies for promoting physical activity in cancer survivorship: a program theory’
- **15:00 selected abstract presentation**  
**Dr. Eva Pape** (UZ Gent) – ‘Enhancing care for rectal cancer survivors: the impact of a nurse-led clinic on Low Anterior Resection Syndrome (LARS) management’
- **15:10 selected abstract presentation**  
**Dr. Miet Vandemaele** (UGent, UZ Gent) – ‘The mismatch between reimbursement policies and available evidence: a bibliometrics analysis of radiotherapy research’

15:20 – 15:50 **coffee break, sponsor booths & poster viewing**

15:50 – 17:10 **session 4: parallel sessions on (A) fundamental & translational research and (B) clinical & psychosocial/nursing research**

session 4A: fundamental & translational research (location: Kapittelzaal – ground floor)

- **15:50 'PrIOMiC', CRIG's international thematic network on cancer**  
short overview of opportunities on internationalization for CRIG researchers
- **15:55 selected abstract presentation**  
**Faye Naessens** (UGent, CRIG) – 'Unraveling the role of endothelial cells in immunogenic cell death and anti-cancer immunity'
- **16:10 selected abstract presentation**  
**Jef Haerinck** (UGent, CRIG) – 'Zeb1 drives a transition from luminal to claudin-low breast cancer while facilitating transdifferentiation therapy'
- **16:25 selected abstract presentation**  
**Laure Harinck** (UGent, CRIG) – 'Exploring mRNA lipid nanoparticles for ex-vivo T cell engineering in cancer immunotherapy'
- **16:40 selected abstract presentation**  
**Álvaro Marcos Rubio** (VIB-UGent, CRIG) – 'Systemic immune cell omics as Non-Invasive Predictors of ImmunoTherapy (NIPIT) response'
- **16:55 selected abstract presentation**  
**Dr. Vivian Gerretsen** (VIB-UGent, CRIG, Erasmus MC) – 'Multi-omic profiling of paired non-small cell lung cancer tumors and tumor-draining lymph nodes reveals novel patterns of T-cell differentiation and exhaustion across tissues'

session 4B: clinical & psychosocial/nursing research (location: Zolder – first floor)

- **15:50 invited speaker presentation**  
**Dr. Yaël Slaghmuylder** (UGent) – 'Strategies for the prevention and treatment of chronic pain in cancer survivors'
- **16:15 invited speaker presentation**  
**Michiel Daem** (UZ Gent) & **Dr. Michèle Morel** (Amfora vzw) – 'Integration of end-of-life-stories in cancer care'
- **16:30 invited speaker presentation**  
**Marijke Quaghebeur & Sophie Van Lancker** (UZ Gent) – 'Management and follow-up of familial stem cell transplant donors'
- **16:45 selected abstract presentation**  
**Dr. Julie Kips** (UGent, UZ Gent) – 'Usability of a smartphone app for skin cancer detection'
- **16:55 selected abstract presentation**  
**Orphé Matthys** (UGent, VUB) – 'Effect of two dyadic psychoeducational interventions for advanced cancer: the DIAdIC randomized controlled trial'

- 17:20 – 17:35 **session 5 (plenary): ‘Prof. Pieter Van Vlierberghe award’**  
for best oncology paper in 2023 for a young CRIG researcher
- announcement of the laureate
  - short presentation of the awarded paper by the laureate
- 17:35 – 17:40 **closing remarks & awards for best presentations**
- 17:40 **reception**