

4th CRIG Industrial Partnering Event – Program

AuditoRium4, de Rode Bol (Ghent, BE) – [Event website](#)

Friday 6th October, 2023

8:00 - 9:00	<p>Breakfast tables – Discussion tables of innovations on:</p> <ol style="list-style-type: none"> a. Cancer diagnostic: multiple biomarkers, liquid biopsy, patient stratification (moderators: prof. Jo Vandesompele, CRIG & Christophe Van Huffel, OncoRNA) - CoeR b. Challenges in immuno-oncology: strategies for therapy combination (moderators: prof. Karim Vermaelen and dr. Dominic De Groote, CRIG) - JaRdin
9:00 - 9:10	<p>Welcome by the CRIG chairperson – prof. Katleen De Preter</p>
9:10 - 10:00	<p>Plenary session – Janssen Pharmaceutical, Platinum sponsor - AuditoRium4 Clinical Development of novel CAR-T and Bispecific T-cell redirecting therapies for the Treatment of Patients with Multiple Myeloma – dr. Yunsi Olyslager (Janssen Pharmaceutica)</p>
10:00 - 10:50	<p>Parallel Sessions 1</p> <p><u>Session 1A – Meet a CRIG expert – Liquid biopsies & precision oncology</u> (moderator: prof. Katleen De Preter, CRIG chairperson) – Room: AuditoRium</p> <ul style="list-style-type: none"> • EpiGuide: monitoring epigenetic plasticity – prof. Katleen De Preter (VIB-UGent, CRIG) • Extracellular vesicles: From technology towards biomedical applications – prof. An Hendrix (UGent, CRIG) • Targeting transcription factor addiction in acute leukemia – prof. Steven Goossens (UGent, CRIG) • Patient-derived avatars to study minimal residual disease and metastasis – prof. Olivier De Wever (UGent, CRIG) • Benchmarking of circRNA detection tools – prof. Jo Vandesompele (UGent, CRIG) • Q&A <p><u>Session 1B – Expertise & platforms</u> (moderator: dr. An Van Den Bulcke, CRIG) – CoeR+JaRdin</p> <ul style="list-style-type: none"> • The spatial revolution: applying single-cell spatial technologies to biomedical research – prof. Martin Guillems (VIB-UGent) • Towards tunable quantification and affinity isolation of extracellular vesicles – dr. Filip Delpont (FOx BIOSYSTEMS) • CORE facilities at VIB Gent – dr. Geert Van Minnebruggen (VIB) • Expression and epigenetics platforms @ OHMX.bio – prof. Gerben Menschaert (OHMX.bio) • A new generation label-free flow cytometer – dr. Sertan Sukas (InnoFluidics) • Q&A
10:50 - 11:10	<p><i>Coffee break and sponsors showcase</i></p>

11:10 - 12:00	<p>Parallel Sessions 2</p> <p><u>Session 2A – Meet a CRIG expert – Clinical oncology</u> (moderator: dr. Pieter Rondou, CRIG) - Auditorium</p> <ul style="list-style-type: none"> • Team EARly DRug development in Paediatric oncology – dr. Liselot Mus (UZ Gent, CRIG) • Skin cancer diagnosis without biopsy – dr. Isabelle Hoorens, MD (UGent, UZ Gent, CRIG) • Reducing the risk of breast cancer in young women – prof. Herman Depypere, MD (UGent, UZ Gent, CRIG) • The accuracy of PSMA PET/CT for assessing intraprostatic lesions in patients with prostate cancer: an evaluation of the PI-RADS, PRIMARY and PSMA-expression score – Eva Donck, MD (UGent, UZ Gent, CRIG) • Intraperitoneal aerosolized drug delivery – prof. Wouter Willaert, MD (UGent, UZ Gent) • Q&A <p><u>Session 2B – Drug discovery & new therapies</u> (moderator: dr. Dominic De Groote, CRIG) - CoeR+JaRdin</p> <ul style="list-style-type: none"> • The CRISParry platform: supporting drug discovery from target identification to mechanistic deconvolution – dr. Eric de Bony De Laverne (UGent, CRIG) & dr. Tim Van De Looverbosch (UAntwerpen) • Amalus – Reshaping the lives of cancer patients – dr. Bart Roman (Amalus Therapeutics) • Harnessing glucocorticoid and mineralocorticoid receptor crosstalk to boost multiple myeloma cell killing – dr. Dorien Clarisse (VIB-UGent, CRIG) • A tissue-engineered platform to produce highly specific bioactive agents for the treatment of solid tumors – dr. Hara Episkopou (NovaDip) • Q&A
12:00 - 12:45	<i>Speed dating</i>
12:45 - 13:30	<i>Lunch, partnering and sponsors showcase</i>
13:30 - 15:00	<p>Plenary session – Gold sponsors (moderator: dr. Daisy Flamez, CRIG) - Auditorium</p> <ul style="list-style-type: none"> • Immuno-oncology at Sanofi: Breaking new ground to improve patient’s lives – dr. Melissa Dullaers (Sanofi Ghent) • Illumina: transforming oncology with genomics – dr. Peter Van Hauwe (Illumina) • OncoDNA and OncoRNA: How to empower oncologists in tailoring more precise treatment and personalized therapies to enhance patient treatment outcomes – Koenraad Eycken (OncoDNA) & dr. Christophe Van Huffel (OncoRNA) • BD’s next-generation flow cytometry solutions – dr. Vesna Melkebeek (Becton Dickinson) • Rousselot Biomedical: innovating collagen-based solutions for drug delivery – Dr. Catarina Ferreira da Silva & Sander Lybaert (Rousselot)
15:00 - 15:15	<i>Coffee break and sponsors showcase</i>

15:15 -
16:00

Parallel Sessions 3

Session 3A – Immuno-oncology/1 (moderator: Dr. Cristina Pintucci, CRIG) - Auditorium

- [Novel biomarkers to monitor dendritic cell maturation states in the tumor as a way to predict successful tumor therapy](#) – prof. Sophie Janssens (VIB-UGent, CRIG)
- [Igniting the immune system against lung cancer](#) – prof. Karim Vermaelen, MD (UGent, UZ Gent, CRIG)
- [Generation of T cell precursors for immuno-therapy](#) – prof. Tom Taghon (UGent, CRIG)
- [GlycoCAR: Targeting glycosylation pathways to empower CAR-T therapy of solid tumors](#) – dr. Elien De Bousser (VIB-UGent, CRIG)
- [Q&A](#)

Session 3B – Diagnostics (moderator: prof. Olivier De Wever, CRIG) - CoeR+JaRdin

- [Patient-specific alterations in blood plasma cfRNA profiles enable accurate classification of cancer patients and controls](#) – dr. Annelien Morlion (UGent, CRIG)
- [ciRNAseq, a novel high throughput RNA sequencing technology for early cancer detection and personalized treatment](#) – dr. William Leenders (Predica Diagnostics)
- [The tumor microenvironment in head and neck cancer – towards an improved patient risk characterization](#) – dr. Tijl Vermassen (UZ Gent, CRIG)
- [The use of AI to leverage omics data for clinical and pharmaceutical applications](#) – prof. Kathleen Marchal (UGent, imec, CRIG)
- [Q&A](#)

16:00 -
16:45

Parallel Sessions 4

Session 4A – Immuno-oncology/2 (moderator prof. Karim Vermaelen, CRIG) - Auditorium

- [Immunogenic cell death-inducing photodynamic therapy](#) – Prof. Dmitri Krysko, MD (UGent, CRIG)
- [CARTAGENA – a high-throughput droplet processor for screening of CAR-T tumour cell interactions](#) – dr. Aline Van Acker (VIB)
- [MHC class I and II genotypes are independent predictors of anti-PD1 immunotherapy response in melanoma](#) – prof. Jimmy Van den Eynden, MD (UGent, CRIG)
- [NanoCART](#) – dr. Stijn De Munter (UGent, CRIG)
- [Q&A](#)

Session 4B – Moving research towards the patient, a hospital perspective (moderator: dr. Philippe Van Rompaey, UZ Gent) - CoeR+JaRdin

- [The GMP unit for Cell and Gene Therapy at UZ Gent](#) – dr. Tim Desmet (UGent, CRIG)
- [CORE Research Facilities at the Faculty of Medicine and Health Sciences of Ghent University](#) – Frédéric Clement (UGent)
- [Insights on the UZ Gent Biobank 2.0](#) – prof. Bruno Verhasselt, MD (UZ Gent, CRIG)
- [A new GMP-certified pharmacy cleanroom at UZ Gent](#) – Sabrina Commeyne (UZ Gent)
- [Q&A](#)

16:45-
17:00

Closing remarks - CRIG business unit – Auditorium

17:00 -
18:00

Networking reception & partnering discussions

Thank you to our sponsors

4th CRIG industrial partnering event, 2023 – SPONSORS

Platinum sponsor



Gold sponsors



Silver sponsors



Bronze sponsors

