

3rd CRIG Industrial Partnering Event – Preliminary program

Online live stream and Communicatiehuis de Rode Bol (Ghent, BE)

[Register here](#) – [More info on the event here](#)

Friday 22nd October, 2021

8:00 - 8:55	<p>Breakfast tables – Discussion tables of innovations on:</p> <ol style="list-style-type: none"> Filling the gaps in oncology models: animal, PDX, spheroids, organoids, organ-on-a-chip, <i>in silico</i> Unmet needs in cell and gene therapies Data science and data mining: the new life of old information
9:00 - 9:10	Welcome - Prof. Olivier De Wever (CRIG chairman)
9:10 - 10:00	<p>Plenary session - From an integrated drug discovery engine towards an innovative pipeline and personalized cancer care (dr. Greg Friberg, VP medical affairs EU, Latin-America, Middle-East, Africa and Canada - Amgen)</p>
10:00 - 10:50	<p>Parallel Sessions 1</p> <p><u>Session 1A - From R&D to the market: successful stories (moderator Dr. Dominic De Groot)</u></p> <ul style="list-style-type: none"> ASO therapies – Flamingo Therapeutics – duo pitch Prof. Pieter Mestdagh (UGent, CRIG) Dr. Floor Stam (COO, Flamingo Therapeutics) NK cell therapy collaboration Glycostem-CRIG – duo pitch Prof. Georges Leclercq (UGent, CRIG) Dr. Jan Spanholtz (CSO, Glycostem) Lipid nanoparticles for mRNA delivery /ERC grant immunoBioSynth Prof. Bruno De Geest (UGent, CRIG) <p><u>Session 1B - Enabling models, clinical expertise & pediatric cancer (moderator Dr. Pieter Rondou)</u></p> <ul style="list-style-type: none"> Advancing liquid biopsies for monitoring and personalized treatment of neuroblastoma Prof. Jo Vandesompele (UGent, CRIG) Title to be announced Prof. Frank Speleman (CRIG, UGent) The Cancer Center at Ghent University Hospital Prof. Dr. Gwen Sys (UZGent, CRIG) UZGent tumour biobank Speaker to be announced (UZGent, CRIG) MISpheroid Prof. Olivier De Wever (CRIG, UGent)
10:50 - 11:10	<i>Coffee break and sponsors showcase</i>
11:10 - 12:00	Plenary session – Janssen Pharmaceutical (speaker to be announced)
12:00 - 12:50	<p>Parallel Sessions 2</p> <p><u>Session 2A - Start-ups and spin-offs in the pipeline (moderator Dr. An Van Den Bulcke)</u></p> <ul style="list-style-type: none"> Gelgraft biomedical for breast reconstruction Dr. Lana Vandamme (UZGent, CRIG) Bioinks

	<p>Prof. Sandra Van Vlierberghe (UGent, CRIG)</p> <ul style="list-style-type: none"> • Amalus – Tumour microenvironment remodelling compounds Dr. Bart Roman (UGent, CRIG) • Radion-D - Improved breast cancer treatment by lowering radiation risk Dina De Haeck (CEO, Radion-D) • Trince, next generation transfection platform Dr. Philip Mathuis (CEO, TRINCE)
	<u>Session 2B - Drug delivery (moderator Prof. Katrien Remaut)</u>
	<ul style="list-style-type: none"> • Biogelator – Self-assembly hydrogel scaffolds for targeted drug delivery Prof. Annemieke Madder (UGent, CRIG) • ERC grant RESPIRNA - Repurposing lung surfactant Protein B for inhalation therapy with RNA therapeutics Prof. Koen Raemdonck (UGent, CRIG) • Planning of (patient-specific) treatment procedures Prof. Charlotte Debbaut (UGent, CRIG) • <i>2 pitch slots</i>
12:50 - 14:10	<i>Lunch, partnering and sponsors showcase</i>
14:10 - 15:00	Plenary session – Dr. José Castillo (Univercells and Quantoom Biosciences)
15:00 - 15:50	Parallel Sessions 3
	<u>Session 3A - Meet our experts (moderator Prof. Oliver De Wever)</u>
	<ul style="list-style-type: none"> • ERC grant EpiTALL - Dynamic interplay between DNA methylation, histone modifications and super enhancer activity in normal T cells and during malignant T cell transformation Prof. Pieter Van Vlierberghe (UGent, CRIG) • ERC grant NANOBUBBLE - Laser-induced vapour nanobubbles for intracellular delivery of nanomaterials Prof. Kevin Braeckmans (UGent, CRIG) • ERC HUMYCO: towards defining the impact of mycotoxins on human cancer risk Prof. Marthe De Boevre (UGent, CRIG) • PROTAC technology Prof. Serge Van Calenbergh (UGent, CRIG) • Applications of ION BOT in cancer research Prof. Leen Martens (VIB-UGent, CRIG)
	<u>Session 3B - Digital and precision oncology (moderator Prof. Dr. Lieve Brochez)</u>
	<ul style="list-style-type: none"> • The UZGent Data Science Institute Prof. Dr. Kirsten Colpaert (UZGent) • ZENTACC - Targeting transcription factor for aggressive colorectal cancer’s therapies Prof. Geert Berx (UGent, CRIG) • Title to be announced Dr. Bert Coessens (COO, myNeo) • <i>2 pitch slots</i>
15:50 - 16:10	<i>Coffee break and sponsors showcase</i>
16:10 - 17:00	Parallel Sessions 4
	<u>Session 4A - Immuno-oncology (moderator: Prof. Dr. Tessa Kerre)</u>
	<ul style="list-style-type: none"> • SparXells – Dendritic cell immunotherapy for lung cancer and beyond Prof. Dr. Karim Vermaelen (U(Z)Gent, CRIG)

- Immunotherapy clinical trials at Ghent University Hospital – The DRUG unit
Prof. Dr. Sylvie Rottey (U(Z)Gent, CRIG)
- Title to be announced
Dr. Erik Depla (Orionis Biosciences)
- Production of advanced cell/gene therapeutics for clinical trials
Prof. Bart Vandekerckhove (UGent, CRIG)
- 1 pitch slot

Session 4B - Early/non-invasive diagnostics (moderator Dr. Daisy Flamez)

- Non-invasive early diagnosis for breast cancer
Prof. An Hendrix (UGent, CRIG)
- Challenges in obtaining compliance, from R&D to GMP
Dr. Dominiek Rossillion (Quality by Design)
- EpiMethod
Prof. Nico Callewaert (VIB-UGent, CRIG)
- The ProBio trial - Molecular biomarkers for advancing personalised treatment decision in patients with metastatic prostate cancer
Dr. Bram de Laere (UGent, CRIG; Karolinska Institute)
- Title to be announced
Prof. Peter Verhaert (ProteoFormiX)

Closing remarks (by the CRIG business unit)

17:10 - 18:00 *Networking reception & partnering discussions*