



BELSACT 2020

**1st BELSACT Scientific Meeting (Virtual)
24th of November 2020**

Innovative tools for cell culture and process understanding, control and improvement

BELSACT, initially referred as BELACT, is a community created in 1992 around Animal Cell Technologies (ACT) in Belgium. The group is interested in the whole chain of bioproduction using animal cells: cell lines/population characterization, bioprocess development, design of bioreactors, biomaterials, intensification, process modeling, tissue engineering, recombinant protein production, etc...

The 1st BELSACT Scientific meeting will bring together participants from top academic and industrial groups from Belgium and its neighbouring countries. This meeting will discuss major innovative tools from the last decades that support cell culture and process understanding, control and improvement. Leading scientists in these fields will provide cutting edge overview of these advances for improving animal cell cultures.

If you want to learn more about BELSACT association and be part of this scientific adventure;

If you want to share your vision on how to create opportunities to promote collaborations between industries and universities and create a strong local network of people and institutions;

If you want to meet other ACT scientists;

If you want to share and see innovative science;

Join our **MOTIVATED core team to attend full **INTERACTIVE Scientific day**.**

Meeting Chair: *Yves- Jacques SCHNEIDER (UCLouvain)*

Meeting Program

9:00 – 9:30	BELSACT and Event theme Introduction	
<hr/>		
9:30 – 10:30	Session 1: PAT <i>(Session Chair: Sebastien Colette, GlaxoSmithKline Biologicals)</i> UGent - <i>A Continuous and Controlled Pharmaceutical Freeze-Drying Technology for Unit Doses</i>	Thomas De beer
	GlaxoSmithKline Biologicals - <i>PAT for in-line mammalian cell culture follow-up: two case studies from recent vaccine developments at GSK</i>	Patrick Dumas
<hr/>		
10:30 – 11:00	BREAK	
<hr/>		
11:00 – 12:00	Session 2: Metabolomics, proteomics and other omics <i>(Session Chair: Sebastien Sart, Ecole Polytechnique (FR))</i> University of Liege - <i>The MELD approach for the Next Generation Protein</i>	Gabriel Mazzucchelli
	UGent - <i>MS-based Sars-Cov-2 protein detection in patients (Cov-MS): a fruitful community effort</i>	Maarten Dhaenens
<hr/>		
12:00 – 13:00	BREAK (Lunch)	
<hr/>		
13:00 – 13:30	Session 3: Industrialization and Scale up <i>(Session Chair: Isabelle KNOTT, GlaxoSmithKline Biologicals)</i> Univercells Technologies - <i>Optimizing single-use technologies for scalable and cost-effective viral manufacturing</i>	José Castillo
<hr/>		
13:30 – 14:30	Short Presentations Session to Introduce Posters	<u>Presentation from Ovizio, UGent and Wageningen University</u>
14:30 – 15:15	BREAK + Virtual Poster Session	
<hr/>		
15:15 – 16:15	Session 4: Process Modeling <i>(Session Chair: Surya Gupta, UGent)</i> UCB Pharma S.A. - <i>From product microheterogeneity to homogeneity using integrated modeling methodology and new cell culture component</i>	Bassem Ben Yahia
	UMons - <i>Metabolic pathway analysis and dynamic model derivation</i>	Alain Vande Wouwer
<hr/>		
	Presentation about data integrity and open access Science	
16:15 – 16:40	UGent - <i>The many joys of sharing, and some pitfalls too</i>	Lennart Martens
<hr/>		
16:40 – 17:00	Q&A panel with industry and academic leaders focused on data integrity and open access Science <i>(Session Chair: Surya Gupta, UGent)</i>	
17:00 – 17:30	Closing session	

Meeting Fees

Free virtual meeting, but registration needed.

Meeting Registration

If you are still interested in attending and in sharing a poster or a short presentation, please click on the link below:

[Click HERE to register or to submit abstracts](#)

Deadline for abstract submission for short and poster presentation: 30th October 2020

For more information or specific questions about BELSACT community or the upcoming scientific day please contact us (belsact@gmail.com) or visit our website (www.belsact.com)
