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***Programme: All times are London (UK/GMT)***

**Thursday November 19th**

14.00 Welcome and introduction to the meeting

14.10 **Bioprocessing perspectives for COVID-19 – *Chair: Alan Dickson***

14.10 **Antu Dey** (IAVI)

*Expedited biomanufacturing of therapeutics against COVID-19: innovations and lessons*

14.30 **Paul Davis** (Mologic Ltd)

*Extracts from the diary of a SARS virus-stalker.  An immunoassay update*

14.50 **Robin Shattock** (Imperial College London)

*Development of a COVID-19 saRNA Vaccine Candidate*

15.10 **Simon Carding** *(Quadram Institute)*

*Commensal gut bacteria-derived microvesicles: Mediators of microbe-host crosstalk and vehicles for mucosal drug delivery*

15.30 Discussion

15.50 Close of session

**Friday November 20th**

09.30 **Good analytics make or break the process** **– *Chairs: Paul Dalby & Ivan Wall***

09.30 **Marc Olivier Baradez** (Cell & Gene Therapy Catapult)

*Process Analytical Technology Strategies for Cell and Gene Therapy Manufacture*

09.50 **Liz Topp** (NIBRT/Purdue)

*Improving lyophilization of recombinant proteins using solid-state hydrogen deuterium exchange (ssHDX-MS)*

10.10 **James Wilkinson** (Refeyn Ltd)

*Mass photometry: a novel, rapid and label free analysis method for biological molecules*

10.30 Discussion

10.45 Close of session

11.00 **Poster session**

12.00 Close of session

12.45 **The process quality defines the product – *Chairs: Alan Dickson & Ivan Wall***

12.45 **Anurag Rathore** (IIT Delhi)

*Process monitoring during biopharmaceutical production*

13.05 **Tibor Nagy** (Fujifilm Diosynth Biosynthologies)

*MaruX an Innovative Continuous Biomanufacturing Solution*

13.25 **Franscesc Godia (**UAB, Barcelona)

*Production and characterization of Gag-based VLPs*

13.45 Discussion. Kontoravdi,

14.00 Close of session

14.45 **Engineering cell factories to make products – Chairs: *Cleo Kontoravdi & Mark Smales***

14.45 **Govind Rao** (University of Maryland)

*Disruptive Innovation to Reduce Healthcare Costs*

15.05 **Mike Jewett** (Northwestern University, Illinois)

*Cell-free systems for on-demand biomanufacturing, molecular sensing, and education*

15.25 **Velia Siciliano** (IIT, Genova)

*Improving the performances of genetic circuits in engineered mammalian cells by unraveling and mitigating the issue of limited resources*

15.45 **Laura Segatori** (Rice University, Texas)

*Feed-back responsive cell factories for improved biomanufacturing*

16.05 Discussion

16.20 Close of Meeting