**SINGLE USE TECHNOLOGIES IV WEBINAR**

**MAY 20, 2021**

*SCHEDULE BASED ON NEW YORK TIME*

10.00 – 10.10 “INTRODUCTION”

Magali Barbaroux (Sartorius, France), Weibing Ding (GSK, USA) and Martina

Micheletti (UCL, UK)

10.10 – 10.15 Novel Polymers and Interactions between Polymers and Biological

Session Chairs: Nelly Montenay (Sartorius, France)

Sheryl Kane, (Takeda, USA)

10.10 – 10.35 “Overview on chemical recycling for film extrusion”

Juergen Betz (Südpack, Germany)

10.35 – 10.55 “Qualification of additive manufacturing materials for biopharma applications”

Lukas Raddatz (Sartorius, Germany)

10.55 - 11.00 Sensors and Their Integration with Single-Use Technology

Session Chairs: Torsten Mayr (TU Graz, Austria)

Jim Furey, (Pendo TECH, USA)

11.00 - 11.20 “The Sens-o-Spheres System: Miniaturized mobile sensor probes for a flexible

use in modern bioreactors”

Nandor Ziebart (TU Dresden, Germany)

11.20 - 11.40 “A soft sensor approach for automated cell characterization in single-use shake

flasks”

Rüdiger Maschke (Zurich University of Applied Sciences, Switzerland)

11.40 - 12.00 “Impacts of single-use practice on pH/DO sensor design”

CD Feng (Broadley-James Co., USA)

12.00 – 12.40 Q & A

12.40 – 12.45 Wrap-up