



**PHOODSEP: Challenges and Innovation in Pharmaceuticals and Novel Foods**  
**Downstream Processing**

Time	Schedule
9:00-10:00	Registration & networking
10:00-10:10 10:10-10:30	<b>Welcome note - Prof. Davide Mattia &amp; Dr. Fatima Anjum</b> <b>CARMA WP2 Update - Dr Hannah Leese</b>
10:30-11:00	<b>Keynote speaker: Dr. Andrea Rayat</b>
11:00-11:20	<b>Invited speaker: Dr. Monika Tomecka (CEO Ufraction8)</b> Microfluidics for scalable downstream processing in industrial biotechnology
11:20-11:50 11:50-12:10	<b>Invited speaker: Prof. Jerry Heng</b> Downstream Processing of Proteins and Peptides via Crystallisation <b>Invited speaker: Ida Amura (Astrazeneca)</b> Downstream processing in pharmaceutical industry
12:10-12:20	<b>Invited speaker: Mirza Mohammad Mehdi (Bio-Rad Laboratories)</b> Chromatography resins solutions for the Food & Biopharmaceutical Industry
12:20-12:50	Lunch
12:50-14:00	Poster session
14:00-15:00	<b>Abstract / ESRs talks (10 min each)</b>
14:00-14:10	<b>Ehsan Nourafkan:</b> Vibratory Tangential Flow Filtration for the Clarification and Fractionation of Yeast-Derived Protein Extracts as Animal-Free Media Components for Cultured Meat Applications
14:10-14:20	<b>Isha Bade:</b> Crystallisation of Peptides Using Templating Strategies
14:20-14:30	<b>Isa Senica:</b> Ultra Scale-Down Evaluation of Shear Effects During the Centrifugal Recovery of Cultivated Meat Cells

14:30-14:40	<b>James Penkman:</b> Use of chemically modified polybenzimidazole (PBI) spiral wound modules (SWM) for downstream purification of oligonucleotides at high concentration in aqueous-organic feeds
14:40-14:50	<b>Jing Zhang:</b> Spent Cell Culture Media Recovery for Cultivated Meat
14:50-15:00	<b>Madhurima Dutta:</b> From Pasture to Plate: Enhancing protein recovery from grass through combined mechanochemical extraction and downstream membrane processing
15:00-15:40	Coffee & Networking
15:40-16:30	<p><b>Panel discussion</b> Challenges in Biotech downstream processing and how we can support each other in advancing biotech DSP.</p> <p><b>Chairs</b> Prof. Marianne Ellis Prof. Davide Mattia</p> <p><b>Panellists</b> Prof. Daniel Bracewell Dr. Nigel from cytiva Prof. Gary Lye</p>
16:30-17:00	ESRs prizes & Closing remarks