KNOWLEDGE SHARING AND CAPACITY BUILDING

- **Protein higher-order structure (HOS)** and dynamics are essential to protein function.
- **Novel biophysical approaches** play an important role in developability assessment of monoclonal antibodies and are an essential part of CMC strategies for the characterization of new modalities.
- **Spectroscopic methods** (NMR, FTIR, Raman, CD, etc), **mass spectrometric techniques** (HDX-MS, FPOP, and HRPF), and **calorimetry-based methods** continue to be essential parts of the biophysical toolbox in both discovery and development settings.
- **Advanced tools** such as CryoEM, SAXS, and AUC provide detailed characterization of proteins and AAV products.

**HOS 2022 BY THE NUMBERS**

- **Attendee Participants**: 109
- **Academic/Government Participants**: 15
- **Company Participation**: 35
- **Country Participation**: 10

Australia  | Belgium  | Canada  | Germany  | Hungary  | Italy  | Japan  | Netherlands  | United Kingdom  | United States