



Advanced Fermentation Technology



Session 2 – Advanced Fermentation Systems

Focus: This session will highlight advances in fermentation system design that enable a robust transition from laboratory to industrial scale. It will address innovations in bioreactor technologies, automation, and process intensification, with a strong focus on scale-up methodologies and early techno-economic evaluation. Discussions will center on how integrated engineering and economic tools can improve productivity, reliability, and cost efficiency across diverse fermentation platforms.