

DDN SYMPOSIUM

ADVANCING THE DRUG DISCOVERY AND DEVELOPMENT PIPELINE

	DAY 1 MAY 27th	
TIME (ET)	SESSION	
11:00 AM	Figuring out how to use AI to help us find new antibiotics Jonathan Stokes, PhD, McMaster University	
11:50 AM	Bridging AI design and automated chemistry for faster drug discovery Peter Madrid, PhD, Synfini	
12:35 PM	New approach methodologies in drug discovery and clinical trials in dish Joseph C. Wu, MD, PhD, Stanford University	
1:25 PM	From islands of models to operational AI: putting machine intelligence in the hands of bench scientists David Gosalvez, PhD, Revvity Signals	
1:45 PM	Organ-on-a-chip technology: promising innovation to scalable industrialized application Lorna Ewart, PhD, Emulate	
2:35 PM	Scale up drug screens with cost-effective high-throughput technology Yujie Chen, PhD, Takara Bio USA	
	DAY 2 MAY 28th	
TIME (ET)	SESSION	
11:00 AM	Optimizing trial success: using causal AI to identify hidden signals in clinical data Dan Goldstaub, PhD, PhaseV	
11:50 AM	Unlocking the future of cell & gene therapy with evolving viral vector platforms Chunling Xuan, PhD, ProBio	
12:10 PM	Proteomic mapping of ER stress responses to identify genetic targets for high-efficiency CHO bioprocesses Paula Meleady, PhD, Dublin City University	
1:00 PM	Exploring reaction space efficiently: HTE and Bayesian design of experiments in lead optimization Peter Chapple, PhD & Mark Griener, PhD, MilliporeSigma (Merck KGaA, Darmstadt, Germany)	
1:20 PM	Novel descriptors for improved ADME modeling of beyond rule of five molecules Jeremy Jones, PhD, Simulations Plus	
2:10 PM	Membrane transporters and receptors in Alzheimer's Disease: challenges and opportunities for drug development Elena Puris, PhD, University of Eastern Finland	