

2027 Biostatistics Symposium of Southern California

Program Outline [WIP]

Keynote speakers

- Jean Cui, CEO Blossomhill Therapeutics
- Kelly Zou, CEO AI4Purpose
- May Mo, Amgen
- Ying Yuan, MD ANDerson Cancer Center
- Li Wang, Cytel

Scientific program topics

- Clinical and Statistics Track

Medical device and diagnostics related topics
Using RWE for regulatory decision making
Bayesian adaptive design and borrowing
Leveraging multi-source evidence for development decisions
Statistical considerations in cell & gene therapy development

- Data Science Track

AI enabled trial design
Next generation of Clinical Data Operations
AI solutions in programming
Regulatory and ethical perspectives on AI use
AI real life use cases in different stages of data lifecycle

- Academic Track

Modeling Genetic Data; Integrating Multi-Omics Data for Translational Research
Methodological Considerations in Pre-clinical and Clinical Studies
Representation and Inference in Complex Health Data: Statistical, Functional, and Deep Learning Perspective
Bayesian Statistics for Modern Biomedical Research
Missing Data, Measurement Error, and Bias in the Era of Big Data
Statistical learning for Survival and Longitudinal Data