

How Artificial Intelligence and Machine Learning Techniques Are Revolutionizing Drug Discovery and Development

Chairs

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Objectives

- Discuss the various types of AI and ML techniques
- Understand how AI and ML is disrupting the current approach to clinical development
- Discuss how AI and ML can enhance the efficiency of drug discovery and development

Agenda

- The Rise of Deep Learning in Drug Discovery:
Dr. Russ Altman
- The Most Promising Areas of Machine Learning in Drug Development
Dr. James Dunyak
- Application of Machine Learning to Predict Clinical Activity of Drug Combinations
Dr. Yunfang Guan
- Potential Application of Machine Learning in Regulatory Setting
Dr. Qi Liu