5th Annual CERSI Innovations in Regulatory Science Summit

Poster List

Poster #	Poster Title	Presenting Author (Institution)
1*	Electronic Health Record-Adapted Digital Twins to Translate Evidence from Randomized Clinical Trials to Real-world Patients: A Novel Application of Generative Artificial Intelligence	Physllis Thangaraj (Yale)
2	Rethinking the Informed Consent for the I-SPY Trials	Fuad Abujarad (Yale)
3	Predictors of patients using Smart wearables for Atrial fibrillation – A study from the Veterans Health Administration and Stanford Research Repository (STARR)	Natasha Din (Stanford University)
4*	Analyzing EMA Approvals: A Cross-Sectional Study of Drug Efficacy and Trial Design in 2023	Maximilian Siebert (Stanford University)
5	Development of diagnostic biomarkers for determination of traumatic brain injury	Maureen Kane (University of Maryland)
6	Electronic Cigarettes – bioanalytical and cellular approaches to identify potential toxicity	Sarah Michel (University of Maryland)
7*	Barriers and facilitators to Trustworthy and Ethical AI-enabled Medical Care: Patient and Clinician Perspectives	Maryam Mooghali (Yale)
8*	Tissue Chips for Mesenchymal Stromal Cell Manufacturing	Ishita Jain (Stanford University)
9*	Prosthesis Preferences for Patients with Lower Limb Loss: A Discrete-Choice Study to Inform Regulatory Decisions	Ruben Vargas (UCSF)
10*	EDC Audit Logs Elucidate Clinical Trial Operational Inefficiencies	Bryan Bunning (Stanford University)
11*	Regulatory challenges to the advancement of AI-enabled personalized chronotherapy in precision oncology	Bouchra Derraz (Paris Saclay University - ProductLife Group)
12*	Determining Estradiol Skin Permeation from Extemporaneously Compounded Formulations	Bianca Reginauld (University of Maryland)
13*	Identifying Reasons for Contraceptive Switching from Real-World Data Using Large Language Models	Brenda Miao (UCSF)
14*	Feasibility of Real-World Evidence from Structured Electronic Health Records to Study Progression of Alzheimer's Disease	Trupti Shetty (Harvard-MIT Center for Regulatory Science)
15	A novel clinical-genomics integrated platform to support decision-making in precision oncology	Taxiarchis Botsis (Johns Hopkins University)
16	An AI-based Decision-Support Platform Improves the Efficiency and Rigor of Pharmacovigilance at the FDA	Taxiarchis Botsis (Johns Hopkins University)
17	Relative Performance of Volume of Distribution Prediction Methods for Lipophilic Drugs with Uncertainty in LogP Value	James Polli (University of Maryland)
18	Analyzing Delays and Enforcement Challenges in FDA Clinical Trial Reporting Oversight - An Investigation of FOIA requests	Megan Curtin (Universities Allied for Essential Medicines)
19*	Unraveling Thoracic Vertebral Fractures: Insights into Patterns, Risk Factors, and Preventive Approaches	Gurbinder Singh (UCSF)
20*	Insights into Household Spine Injuries: Patterns, Vulnerabilities, and Strategies for Enhanced Prevention	Gurbinder Singh (UCSF)

* denotes trainee poster

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21*	An explainable machine learning-based phenomapping strategy for adaptive predictive enrichment in randomized controlled trials	Evangelos Oikonomou (Yale)
22	Introducing the Triangle Center of Excellence in Regulatory Science and Innovation	Paul Watkins (University of North Carolina at Chapel Hill)
23*	Harmonizing clinical care and research at inception of a platform trial.	Kevin Jung (UCSF)
24*	Organizing Information in the Context of Clinical Care and Trials	Abigail Abikoye (UCSF)
25	Enhancing Clinical Trial Accessibility and Representation: The Role of a Clinical Trial Breast Cancer Nurse Navigator	Sabrina Mayhew (UCSF/Quantum Leap Healthcare Collaborative)
26	Integrating Patient Reported Outcomes into the Care Process will Improve Care and Trials	Amrita Basu (UCSF)
28*	Misplaced precision in clinical trial monitoring – results of a natural experiment in the I-SPY COVID trial	Ali Abbasi (UCSF)
29	OneSource AI: I-SPY 2 TRIAL Whole Image Scan Repository and Machine Learning Platform	Adam Asare (UCSF/Quantum Leap Healthcare Collaborative)
30	OneSource Connect: EHR to EDC Regulatory Grade Data Capture in the I-SPY2 TRIAL	Adam Asare (UCSF/Quantum Leap Healthcare Collaborative)

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