



**26th Annual Symposium on Clinical & Patient Solutions through
Analysis (CPSA USA 2023)
Program Agenda
(Hybrid Event Format – Rethink, Reconnect, Reset)**

- Date: April 5, 2023
- Location: Embassy Suites Waltham (in-person / digital invite)
- Theme: 26th Annual Symposium on Clinical & Patient Solutions through Analysis (CPSA USA 2023)
 - WHERE TECHNOLOGY, SOLUTIONS AND REGULATIONS MEET THE PATIENT... EVERYDAY
- Sponsors
 - Merck
 - New Objective
- Digital Translation of Annual CPSA USA (face-to-face) Event
 - Organized and run digitally
 - Reference CPSA USA 2020-21 – Digital Expression of CPSA (CPSA Everyday – see <https://www.cpsa-everyday.com>)
 - Focus on industrialized solutions for the patient and feature insights and real-world experiences for the integration of standardized approaches to unify technology, solutions, and regulations
 - Key Program Elements
 - Standardize and Unify
 - Patient
 - Technology
 - Solutions
 - Regulations
 - Framework for Program
 - Industrialize Solutions
 - Generate High Quality Data
 - Understand Biology
 - Share Knowledge and Wisdom
- Program Chair
 - Mike Lee, Milestone Development Services
- Plenary Lecture – Learn to Live. Every Moment.
 - Robyn Rourick, Genentech
- Imagine Summit – Building Tomorrow Today
 - Mark Arnold, Labcorp Drug Development
- Distinguished Lecturer– Standardize. Unify. Industrialize.
 - Brad Ackermann, Eli Lilly and Company
- Distinguished Analytical Scientist Award – Where Technology and Solutions Meet
 - Dan Liebler, Protypia

- Pre-Conference Workshop - Microsampling and Patient Centric Sampling
 - Discussion Leaders: Joe Siple, New Objective; Kevin Bateman, Merck; Enaksha Wickremsinhe, Eli Lilly and Company; Melanie Anderson, Merck
- CPSA Charitable Foundation Quarterly Meeting - Celebrating Pharmaceutical Research at the Bench to Empower the Confrontation of Disease at the Bedside
 - Session Focus: CPSA Clinical Trials Launch and Deliverables
 - Identify Issue and Problem
 - Construct Survey and Define Problem
 - Benchmarking – White Paper and Pilot Study
 - Clinical Protocol and Clinical Trial – Framework for Multisite Studies
- Featured Sessions and Events – Wednesday, April 5 (Embassy Suites Waltham)
 - 1:00pm
 - Welcome - Emily Ehrenfeld, New Objective and Mike Lee, Milestone Development Services
 - 1:15-2:15pm
 - CPSA Charitable Foundation / CPSA Analytics - Alla Kloss, Sanofi, Amanda Berg, New Objective and Emily Ehrenfeld, New Objective
 - ALD Connect - Kathleen O'Sullivan Fortin, ALD Connect and Florian Eichler, Harvard University
 - In Service to the Patients - Joleen White, Bill & Melinda Gates Medical Research Institute
 - 2:30-4:15pm
 - Patient Centric Sampling Working Group - Mike Lee, Milestone Development Services and Emily Ehrenfeld, New Objective
 - Patient Centricity: Why Not Use Microsampling Now? - Melanie Anderson, Merck and Kevin Bateman, Merck
 - TBD - Charles Mace, Tufts University
 - 4:30-5:30pm
 - Clinical Adoption of Protein Biomarkers by Mass Spectrometry (Digital Everyday Format) - Brad Ackermann, Eli Lilly and Company
 - Background: MS has two unparalleled advantages for protein biomarkers: analyte specificity and the ability to perform mixture analysis. Despite these advantages, MS adoption for clinical protein biomarkers continues to face obstacles. This presentation will lead a discussion about the best approaches for broader adoption.
 - 6:30pm
 - Dinner Event (Off Site)

- Proteins Matter: Where Innovation and Biology Meet the Patient - Helena Svobodova, New Objective and Steve Klohr, New Objective
 - Identifying Tumor-Specific HLA/Peptides for Targeting with Cell-Based Therapies - Robert Salzler, Regeneron Pharmaceuticals
 - Alzheimer's Disease Biomarkers - Justyna Zakaria, Northwestern University
 - Top-Down Proteomics: Liver Organ Transplant Clinical Studies Based on Proteoforms - Rafael Melani, Thermo Fisher Scientific
 - Bringing a Voice to the Patient: Translating Pictures of Health to a Movie with the FlowChip - Gary Valaskovic, New Objective
 - Scheduled Digital Events and Sessions
 - Steven A. Hofstadler Graduate Student Session Series – Dream Big. Change the World. Everyday.
 - Discussion Leader: Petia Shipkova, Bristol Myers Squibb
 - Students
 - Nick Fisher, Northwestern University
 - Julie Liang, University of Florida
 - Eli Larsen, University of Wisconsin
 - Tingting Yan, University of Florida
 - Advisors
 - Ying Ge, University of Wisconsin
 - Neil Kelleher, Northwestern University
 - Boone Prentice, University of Florida
 - Tim Garrett, University of Florida
 - Rick Yost, University of Florida
 - Mentors
 - Brad Ackermann, Eli Lilly and Company
 - Mark Arnold, Retired (LabCorp)
 - Amanda Berg, New Objective
 - Binodh DeSilva, Untragenyx
 - Todd Gillespie, Retired (Eli Lilly and Company)
 - Lucinda Hittle, Kallyope
 - Steve Klohr, New Objective
 - Alla Kloss, Sanofi
 - Dan Liebler, Inotive
 - Dobrin Nedelkov, Isoformix

- Bernhard Nemec, Nemec Automation
 - James Rudge, Neoteryx (Trajan)
 - Nalinia Sadagopan, PerkinElmer
 - Ian Wilson, Imperial College
- Executive Roundtable – Where Technology and Solutions Meet Business
 - Discussion Leaders: Lucinda Hittle, Kallyope and Emily Ehrenfeld, New Objective
- CPSA Four Corners Initiative – Improving Personal Health in the Clinic and Home
 - Discussion Leader: Mark Arnold, Labcorp Drug Development
- Innovator Session – Think Big. Change the World. Everyday.
 - Discussion Leader: James Rudge, Neoteryx
 - Journey from Soil Bacteria to Key Drug in Organ Transplantation - Nasrullah Undre
 - Challenges and Opportunities for Skin Sampling - Melanie Bailey, University of Surrey
- Distinguished Lecture Series – Standardize. Unify. Industrialize.
 - Discussion Leader: Robyn Rourick, Genentech
 - Expanding Clinical Adoption of Mass Spectrometry for Protein Biomarker Analysis – Brad Ackermann, Eli Lilly and Company
- Featured Symposia Sessions (A Continuation from CPSA USA 2020)
 - CPSA Metabolomics / Integrative OMICS – Where Technology and Solutions Meet. Where Discovery Meets the Clinic
 - Ian Wilson, Imperial College
 - Biomarkers for Alzheimer’s Disease: From Research Tools to Routine Clinical Diagnostics
 - Dobrin Nedelkov, Isoformix