

## Optimizing Dose Selection Across the Clinical Trials Spectrum

8:15am-8:45am	Check-in and breakfast for in-person attendees
8:45am-9:00am	Opening/Logistics – Mary Putt, PhD, ScD, University of Pennsylvania Welcome – Emma Meagher, MD, Senior Vice Dean for Clinical and Translation Research, University of Pennsylvania Perelman School of Medicine
<b>Morning Session:</b> Moderator - Yimei Li, PhD, <i>University of Pennsylvania</i>	
9:00am-9:30am	Overview: <b>Dose-Response Characterization: A Key to Success in Drug Development</b> Frank Bretz, PhD, <i>Novartis AG</i>
9:30am	Joyce Cheng, PhD, <i>Food and Drug Administration</i> <b>Regulatory Perspectives on Dosage Optimization for Oncology Drugs</b>
9:55am	Ying Yuan, PhD, <i>UT MD Anderson Cancer Center</i> <b>Statistical Designs and Strategies for Dose Optimization</b>
10:20am	Man (Mandy) Jin, PhD, <i>Abbvie, Inc.</i> <b>Comparison of Adaptive Seamless Phase 2/3 Designs with Dose Selection and Multiple Endpoints</b>
10:45am-11:15am	<b>Break</b>
11:15am-11:45am	<b>Panel Discussion:</b> (Pamela Shaw, PhD, Kaiser Permanente WHRI – <i>AM Online Facilitator</i> ) Elizabeth Garrett-Mayer, PhD, <i>American Society of Clinical Oncology</i> Ken Cheung, PhD, <i>Columbia University Mailman School of Public Health</i>
11:45am-12:15pm	Audience Discussion/Q&A Session
12:15pm-1:10pm	<b>Lunch</b>
<b>Afternoon Session:</b> Moderator Devan Mehrotra, PhD, <i>Merck &amp; Co., Inc.</i>	
1:10pm-1:15pm	Welcome back for PM session – Devan Mehrotra, PhD
1:15pm	Weng Kee Wong, PhD, <i>UCLA Fielding School of Public Health</i> <b>Nature-Inspired Meta-Heuristic Algorithms for Constructing Efficient Designs for Clinical Trials</b>
1:40pm	Pavel Mozgunov, PhD, <i>MRC Biostatistics Unit, University of Cambridge</i> <b>Practical Implementation of a Model-based Design in a Phase I Combination-schedule Dose-finding Trial</b>
2:05pm	Michael Kosorok, PhD, <i>UNC Gillings School of Global Public Health</i> <b>A SMART Clinical Trial for Chronic Lower Back Pain</b>
2:30pm	Yunda Huang, PhD, <i>Fred Hutch Cancer Center</i> <b>Dose Finding in HIV-1 Preventive Vaccine and Monoclonal Antibody Trials</b>
2:55pm-3:30pm	<b>Break</b>
3:30pm-4:00pm	<b>Panel Discussion:</b> (Mary Putt, PhD, ScD, University of Pennsylvania – <i>PM Online Facilitator</i> ) Anna Heath, PhD, <i>SickKids Research Institute</i> Kelley Kidwell, PhD, <i>University of Michigan School of Public Health</i>
4:00pm-4:15pm	Audience Discussion/Q&A Session
4:15pm-4:30pm: Closing Remarks (Pamela Shaw, PhD, Kaiser Permanente WHRI)	