

5th Annual Conference on Precision Psychiatry

Thursday, September 25th - Friday, September 26th, 2025

DAY ONE: Thursday, September 25th, 2025 (12:00 PM - 4:20 PM EDT)

Time	Content	Speaker
12:00pm–12:10pm	Welcome Remarks	Jordan Smoller, MD, ScD Director, MGH Center for Precision Psychiatry; Professor of Psychiatry, Harvard Medical School; Director, Psychiatric and Neurodevelopmental Genetics Unit, MGH Center for Genomic Medicine
12:10pm–12:40pm	Conference Keynote	<i>To Discover Biomarkers for Precision Psychiatry We Must Retire the DSM</i> Steven E. Hyman, MD Core Institute Member and Director, Program in Brain Health, Broad Institute of Harvard and MIT Harvard University Distinguished Service Professor & Harald McPike Professor
12:40pm–1:00pm	Moderated Discussion/Q&A: Moderator: Jordan Smoller, MD, ScD Director, MGH Center for Precision Psychiatry; Professor of Psychiatry, Harvard Medical School; Director, Psychiatric and Neurodevelopmental Genetics Unit, MGH Center for Genomic Medicine	
1:00pm–1:05pm	Brief Section Introduction	
1:05pm–1:50pm	Ensuring an Equitable Future for Psychiatric Precision Therapeutics	
1:05pm–1:50pm	Panel Moderator: Benjamin Le Cook, PhD Morris E. Chafetz Professor of Psychiatry in the Field of Behavioral	Francisco A. Moreno, MD Associate Vice President, University of Arizona Health Sciences- Equity, Diversity, and Inclusion Tenured Professor of Psychiatry, College of Medicine- Tucson

	<p>Sciences, Department of Psychiatry, Harvard Medical School Vice Chair of Research, Department of Psychiatry, Cambridge Health Alliance</p>	<p>Michelle N. Meyer, PhD, JD Chief Bioethics Officer, Associate Professor, Chair of the Department of Bioethics and Decision Sciences, Geisinger College of Health Sciences</p> <p>Shazia Siddique, MD, MSHP Assistant Professor, Gastroenterology, Perelman School of Medicine, University of Pennsylvania</p>
1:50pm–2:00pm	BREAK	
2:00pm–2:05pm	Brief Section Introduction	
2:05pm–3:25pm	In Search of Precision Biomarkers	
2:05pm–2:25pm	<p><i>Causal Diversity in Precision Psychiatry</i></p> <p>Dani S. Bassett, PhD J. Peter Skirkanich Professor, University of Pennsylvania</p>	
2:25pm–2:45pm	<p><i>Tapping into Cognition: Connecting Brain Imaging and Digital Biomarkers for Precision Psychiatry</i></p> <p>Olusola Ajilore, MD, PhD University of Illinois Center for Depression and Resilience (UI CDR) Professor of Psychiatry, University of Illinois-Chicago College of Medicine</p>	
2:45pm–3:05pm	<p><i>Mapping Brain Circuit Targets for Neuromodulation</i></p> <p>Michael Fox, MD, PhD Director, Center for Brain Circuit Therapeutics, Brigham and Women's Hospital</p>	
3:05pm–3:25pm	<p>Highlighted Discussion/Q&A:</p> <p>Moderator: Dost Öngür, MD, PhD Chief, Division of Psychotic Disorders, McLean Hospital; William P. and Henry B. Test Professor of Psychiatry, Harvard Medical School</p>	

3:25pm–3:30pm	Brief Section Introduction	
3:30pm–4:15pm	New Directions for Precision Therapeutics	
3:30pm–4:15pm	<p>Panel Moderator: Joan Camprodon-Gimenez, MD, PhD, MPH Chief, Division of Neuropsychiatry & Neuromodulation, Massachusetts General Hospital, Associate Professor of Psychiatry & Neurology, Harvard Medical School</p>	<p>Susan Whitfield-Gabrieli, PhD Associate Director, MGH Center for Precision Psychiatry</p> <p>Prof. Hugh Marston, PhD Senior Vice President, Global Head of Neuroscience & Mental Health, Boehringer Ingelheim</p>
4:15pm–4:20pm	Closing Remarks	

DAY TWO: Friday, September 26th, 2025 (9:00 AM - 1:50 PM EDT)

Time	Content	Speaker
9:00am–9:10am	Welcome Remarks	<p>Jordan W Smoller, MD, ScD Director, MGH Center for Precision Psychiatry; Professor of Psychiatry, Harvard Medical School; Director, Psychiatric and Neurodevelopmental Genetics Unit, MGH Center for Genomic Medicine</p>
9:10am–9:40am	Conference Keynote	<p><i>French Program on Precision Psychiatry</i></p> <p>Marion Leboyer, MD, PhD Professor and vice-chair of the Dept of Psychiatry & Addictology Mondor Hal, AP-HP, Univ Paris Est Créteil; Director, Translational NeuroPsychiatry laboratory, Inserm U 955; CEO, Fondation FondaMental</p>
9:40am–10:00am	Moderated Discussion/Q&A:	

	Moderator: Jordan Smoller, MD, ScD Director, MGH Center for Precision Psychiatry; Professor of Psychiatry, Harvard Medical School; Director, Psychiatric and Neurodevelopmental Genetics Unit, MGH Center for Genomic Medicine
10:00am–10:05am	Brief Section Introduction
10:05am–11:05am	AI in Precision Psychiatry
10:05am–10:25am	<i>AI Beyond Evil Robots</i> Roy Perlis, MD, MSc Editor in Chief, JAMA+ AI; Director, Center for Quantitative Health, Massachusetts General Hospital
10:25am–10:45am	John Torous, MD, MBI Director of the Division of Digital Psychiatry, Beth Israel Deaconess Medical Center; Associate Professor of Psychiatry at Harvard Medical School
10:45am–11:05am	Highlighted Discussion/Q&A: Moderator: Chris Kennedy, PhD Researcher, Center for Precision Psychiatry; Instructor in Psychiatry, Harvard Medical School
11:05am–11:10am	Brief Section Introduction
11:10am–12:10pm	Real-World Implementation of Predictive Risk Models: Health and Beyond
11:10am–11:30am	<i>Ethical Challenges in Implementing Genetic Risk Predictions for Educational Attainment</i> Maya Sabatello, LLB, PhD Associate Professor of Medical Sciences, Department of Medicine and Department of Medical Humanities & Ethics, Columbia University
11:30am–11:50am	<i>From Publication to Pragmatic Trial: Barriers and Facilitators to Deploying Healthcare AI</i> Colin Walsh, MD, MA, FACMI, FAMIA, FIAHSI Associate Professor of Biomedical Informatics, Medicine and

	Psychiatry, Vanderbilt University Medical Center
11:50am–12:10pm	<p>Highlighted Discussion/Q&A:</p> <p>Moderator: Stephen Bartels, MD, MS Director, The Mongan Institute, James J. and Jean H. Mongan Professor of Health Policy and Community Health, Professor of Medicine, Harvard Medical School, Professor Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health</p>
12:10pm–12:20pm	BREAK
12:20pm–12:25pm	Brief Section Introduction
12:25pm–12:55pm	Emerging Innovators in Precision Psychiatry
12:25pm–12:35pm	<p><i>Mathematical and Computational Modeling of Suicide as a Complex Dynamical System</i></p> <p>Shirley B. Wang, PhD Assistant Professor, Department of Psychology, Yale University</p>
12:35pm–12:40pm	<p>Highlighted Discussion/Q&A:</p> <p>Moderator: Susan Whitfield Gabrieli, PhD Associate Director, Center for Precision Psychiatry</p>
12:40pm–12:50pm	<p><i>Psychedelics as Immune Modulators of Brain Plasticity in Stress-Related Disorders</i></p> <p>Michael A. Wheeler, PhD Assistant Professor of Neurology, The Gene Lay Institute of Immunology and Inflammation, Ann Romney Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard Medical School</p>
12:50pm–12:55pm	<p>Highlighted Discussion/Q&A:</p> <p>Moderator: Susan Whitfield Gabrieli, PhD Associate Director, Center for Precision Psychiatry</p>
12:55pm–1:00pm	Brief Section Introduction

1:00pm–1:45pm	Precision Therapeutics: Promise and Pain Points	
	<p>Panel Moderator: Maurizio Fava, MD Chair, Mass General Brigham Academic Medical Centers Psychiatry Department Executive Director, Massachusetts General Hospital (MGH) Clinical Trials Network and Institute (CTNI) Slater Family Professor of Psychiatry at Harvard Medical School</p>	<p>Husseini K. Manji, MD, FRCPC Co-Chair of the UK Government Mental Health Mission, Professor at the Department of Psychiatry at University of Oxford, University, adjunct Professor at Yale University, visiting Professor at the Department of Psychiatry at Duke University</p> <p>Magali Haas, MD, PhD Founder & Chair, Cohens Veterans Bioscience; Independent Board Member, Psilera</p> <p>Nick Brandon, PhD Chief Scientific Officer, Neumora</p>
1:45pm–1:50pm	Closing Remarks	