# CONFERENCE AGENDA

MPA Molecular Psychiatry Association

## WEDNESDAY, MARCH 6TH

**6:30 a.m. - 7:00 a.m. - Breakfast**
*Keauhou I*

**7:00 a.m. - 8:45 a.m. - Concurrent Symposia**
Emerging Methods to Study Psychiatric Risk Genes across Time and Space
*Keauhou II*

Unwrapping Myelin Pathophysiology in ASD
*Keauhou III*

Functional and Molecular Consequences of Glutamate Receptor Variants in Psychiatric and Neurological Patients
*Keauhou IV*

**9:00 a.m. - 10:45 a.m. - Concurrent Symposia**
Cellular Molecular Dissections of Stress-Related Mental Disorders: Human Postmortem, Cerebral Organoid, and Mouse Translational Single-Cell Genomic Advances
*Keauhou III*

Translational Studies in the Comorbidity of Mood and Addiction Disorders
*Keauhou II*

Poster Talk Symposium
*Keauhou IV*

**11:00 a.m. - 12:45 p.m. - Concurrent Symposia**
Therapeutic Efficacy and Mechanisms of Psychedelic-Class Treatments
*Keauhou II*

Translational Molecular Approaches for Understanding Neurodevelopmental Disorders: From Molecules, to Circuits, to Behavior Dysfunction
*Keauhou III*

Multidimensional Perspectives on Transcriptional Signatures in Mood Disorders and Their Sexual Specificity
*Keauhou IV*

**12:45 p.m. - 6:00 p.m. - Mid-day Break**

**6:00 p.m. - 8:00 p.m. - Welcome Reception**
Pa'akai Point

# CONFERENCE AGENDA

## THURSDAY, MARCH 7TH

**7:00 a.m. - 8:45 a.m. - Poster Session I with Breakfast**
*Keauhou I*

**9:00 a.m. - 10:45 a.m. - Concurrent Symposia**
Genetic, Molecular and Circuit Features of Cortical Interneurons in Schizophrenia
*Keauhou II*

Cell-Specific Mechanisms in the Neuroplastic Response to Stress and Rapidly Acting Antidepressants
*Keauhou III*

Molecular Models for Autism Spectrum Disorder
*Keauhou IV*

**11:00 a.m. - 12:45 p.m. - Concurrent Symposia**
Emerging Themes in the Molecular Organization of Synapses and Their Implications for Psychiatric Disorders
*Keauhou II*

Neurobiology of Reward and Motivation: From Molecular Mechanisms to Circuit Dissection and Behavior
*Keauhou III*

Molecularly Defined Circuit Mechanisms Underlying Feeding
*Keauhou IV*

**12:45 p.m. - 6:00 p.m. - Mid-day Break**

**6:00 p.m. - 7:00 p.m.**
**Plenary I: Implications of Genomic Findings for Schizophrenia - Patrick Sullivan**
*Keauhou II*

## FRIDAY, MARCH 8TH

**7:00 a.m. - 8:45 a.m. - Poster Session II with Breakfast**
*Keauhou I*

**9:00 a.m. - 10:45 a.m. - Concurrent Symposia**
Linking Genetic Variation to Therapy
*Keauhou II*

Microglia at the Synapse – Deciphering the Relevant and Targetable Mechanisms in Schizophrenia
*Keauhou III*

Novel Treatment Targets for Depression Through Cross-Species Investigation of Approach/Avoidance Decision Making
*Keauhou IV*

**11:00 a.m. - 12:45 p.m. - Concurrent Symposia**
Future of Rapid Therapeutics: Novel Mechanisms
*Keauhou II*

Mapping Rare Genetic Risk Factors Across Phenotypic Layers to Understand Common Psychiatric Presentations
*Keauhou III*

Molecular Mechanisms Regulating Stress Integrative Neural Networks – Novel Translational Insight into the Neurobiology of Stress Vulnerability
*Keauhou IV*

**12:45 p.m. - 6:00 p.m. - Mid-day Break**

**6:00 p.m. - 7:00 p.m.**
**Plenary II: The Evolving Landscape of Autism Research - Kelsey Martin**
*Keauhou II*

# CONFERENCE AGENDA

MPA Molecular Psychiatry Association

## SATURDAY, MARCH 9TH

**6:30 a.m. - 7:00 a.m. - Breakfast**
*Keauhou I*

**7:00 a.m. - 8:45 a.m. - Concurrent Symposia**
Cross-Species Analysis of the Autism Risk Gene, CHD8: Translating Insights From Diverse Animal Systems to Inform Human Studies
*Keauhou II*

Disruption of Proteostasis as a Mechanism Leading to Mental Illness
*Keauhou III*

Multifaceted Neurobiological Substrates for Stress
*Keauhou IV*

**9:00 a.m. - 10:45 a.m. – Concurrent Symposia**
Unraveling Molecular Changes in Schizophrenia With Collective Multiomics of Human Prefrontal Cortex Samples
*Keauhou II*

Somatic Mosaicism in the Human Brain – Implications for Brain Function and Neuropsychiatric Disorders
*Keauhou III*

Recent Biomarker Advances in Novel Depression Treatments
*Keauhou IV*

**11:00 a.m. - 12:00 p.m. - MPA Business Meeting**
*Keauhou II*

SCAN TO ACCESS THE ONLINE DETAILED 2024 MPA PROGRAM OUTLINE AND OTHER CONFERENCE INFORMATION

www.molecularpsychiatry.net