

NeuroPlex Disorders 2025

Theme: Decoding Neurological
Mysteries, Advancing Breakthroughs

Tentative Program

Day 1: August 28, 2025 – Pushing the Boundaries of Neurology

08:30 – 09:00 | Registration & Morning Coffee

09:00 – 09:15 | Opening Remarks

09:15 – 10:00 | Keynote Address

“Genomic Horizons in Neurodegeneration: Path to
Precision Neurology” Focus on Alzheimer’s disease
and genetic risk stratification (e.g., APOE4, TREM2)

10:00 – 11:00 | Session 1: Neuroinflammation &
Immune Interactions

Microglial activation and brain aging

Autoimmune encephalitis and diagnostic challenges

11:00 – 11:30 | Coffee Break

11:30 – 13:00 | Session 2: NeuroTech & AI in
Neurological Care

AI in epilepsy prediction and monitoring

Brain-computer interface for motor recovery

Digital biomarkers in neurodegenerative disease

13:00 – 14:00 | Lunch Break

14:00 – 15:30 | Session 3: Rare and Genetic Neurological
Disorders - Includes insights into early-onset
Alzheimer’s and Parkinson’s syndromes with genetic
mutations (e.g., PSEN1, LRRK2)

Emerging gene therapies

Diagnostic advances in mitochondrial diseases

Precision medicine in rare epileptic syndromes

15:30 – 16:00 | Poster Viewing & Networking Coffee

16:00 – 17:30 | Expert Panel Discussion

“Prevention of Neurodegeneration: Are We There Yet?”
Neurologists, researchers, and healthcare futurists share
insights

Day 2: August 29, 2025 – Interdisciplinary Integration in Neurology

08:30 – 09:00 | Welcome Coffee

09:00 – 10:00 | Keynote Talk

“Psychedelics & Neuroplasticity: A New Frontier in
Brain Health”

10:00 – 11:30 | Session 4: Neuropsychiatric Interfaces
Depression and cognitive decline in Parkinson’s
Neurobiology of chronic stress

Role of the gut-brain axis in mental health

11:30 – 12:00 | Coffee Break

12:00 – 13:30 | Session 5: Advances in Pediatric
Neurology

Genomic testing in developmental delay

New treatment avenues in childhood epilepsy

Early neurodevelopmental interventions

13:30 – 14:30 | Lunch Break

14:30 – 16:00 | Session 6: Innovations in
Neurotherapeutics, RNA-based therapies

Novel targets for Alzheimer’s and frontotemporal
dementia,

Drug repurposing for neurological conditions

Anti-amyloid and anti-tau therapeutics in Alzheimer’s

Levodopa-sparing therapies in Parkinson’s

RNA-targeting and antisense oligonucleotides for
dementia variants

16:00 – 16:30 | Closing Remarks & Summit Highlights

16:30 – 17:00 | Farewell Networking Session



August 28–29, 2025

Dubai, UAE

Register before the early-bird deadline
and receive 1-day complimentary
accommodation at our venue hotel!

Contact Us

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