



International Congress on  
Neuroscience, Brain Health &  
Mental Wellness 2027

April 9–10, 2027 | Prague, Czech Republic

ICNBM 2027

# International Congress on Neuroscience, Brain Health & Mental Wellness 2027

Dates: 9–10 April 2027 | Venue: Prague, Czech Republic



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# Congress Overview

The International Congress on Neuroscience, Brain Health & Mental Wellness (ICNBM 2027) convenes a global community of neuroscientists, psychiatrists, neurologists, psychologists, and mental health innovators to address the most pressing challenges in brain science and mental health today.

From neurodegeneration and cognitive decline to depression, anxiety, and the neurobiology of trauma, ICNBM 2027 explores the full spectrum of brain health through the lens of cutting-edge research, clinical innovation, and emerging therapeutic strategies. Set against the inspiring backdrop of Prague, Czech Republic, the congress creates a dynamic environment for interdisciplinary collaboration, translational science, and global knowledge exchange.

At a time when the global burden of neurological and mental health disorders has never been greater, ICNBM 2027 serves as a critical forum for transforming scientific discovery into meaningful clinical and societal impact.

## Congress Objectives

- To highlight recent advances in neuroscience research and their applications in understanding brain function, neurological disorders, and mental health conditions
- To promote the translation of neuroscientific discoveries into real-world clinical practice and therapeutic interventions
- To integrate multimodal approaches, including neuroimaging, genetics, and behavioral data, for comprehensive brain health assessment
- To encourage collaboration between academia, healthcare providers, mental health professionals, and the pharmaceutical industry
- To discuss ethical, regulatory, and policy aspects governing neuroscience research and mental health care delivery

# Scientific Themes & Program Highlights

## 1. Neurodegeneration, Aging & Cognitive Disorders

- **Focus Areas:** Alzheimer's disease — pathology, biomarkers & therapeutics, Parkinson's disease & movement disorders, frontotemporal dementia & Lewy body disease, ALS & motor neuron disease, Huntington's disease, synucleinopathies, multiple sclerosis & neuroimmunology, traumatic brain injury (TBI) & chronic traumatic encephalopathy, stroke & post-stroke cognitive impairment, vascular dementia & cerebrovascular disease, mild cognitive impairment & conversion risk, tau, amyloid & neuroinflammation, fluid biomarkers (CSF, plasma, NfL, p-tau), prion diseases, cognitive reserve & brain aging, caregiving & palliative neurology

## 2. Psychiatry, Mood Disorders & Psychological Health

- **Focus Areas:** Major depressive disorder — neurobiology & epidemiology, bipolar disorder — mechanisms & diagnosis, anxiety disorders, OCD & PTSD, schizophrenia & psychosis spectrum, addiction & substance use disorders, neurobiology of psychiatric illness, inflammation & immune mechanisms in psychiatry, epigenetics & gene-environment interaction in mental health, transdiagnostic & dimensional psychiatry (RDoC), suicidology & crisis intervention, trauma & stress-related disorders, personality disorders, sleep disorders & insomnia, global mental health burden & policy, community psychiatry & mental health access

## 3. Neuroimaging, Brain Mapping & Computational Neuroscience

- **Focus Areas:** Structural & functional MRI, resting-state & task-based fMRI, diffusion tensor imaging (DTI), PET imaging in neurological disease, EEG, MEG & brain oscillations, brain-computer interfaces & neural decoding, connectomics & neural circuit mapping, graph theory & network neuroscience, computational modeling of brain circuits, neural population dynamics, AI & machine learning in neuroimaging, neurogenetics & gene-brain relationships, brain atlases & large-scale neuro datasets, open neuroscience & data sharing, optogenetics & circuit manipulation, multimodal neuroimaging biomarkers

## 4. Neurodevelopment, Child & Adolescent Brain Health

- **Focus Areas:** Autism spectrum disorder — genetics, detection & intervention, ADHD — neurobiology & management, intellectual disabilities & neurodevelopmental syndromes, genetic neurodevelopmental syndromes (Fragile X, Rett, Down syndrome), childhood epilepsy & pediatric neurology, language, reading & learning disorders, prematurity & neonatal brain injury, early-life stress & developmental programming, early brain development & critical periods, maternal mental health & fetal neurodevelopment, adolescent brain development & risk behavior, adolescent substance use & risk neurobiology, neurodiversity & inclusive education, school-based mental health programs

## 5. Therapeutics, Psychopharmacology & Mental Health Innovation

- **Focus Areas:** Novel antidepressants, antipsychotics & mood stabilizers, ketamine & esketamine therapy, psilocybin, MDMA & psychedelic-assisted therapy, TMS, tDCS & non-invasive neuromodulation, deep brain stimulation & invasive neuromodulation, clinical trials in neuropsychiatry, treatment response biomarkers, pharmacokinetics & pharmacodynamics, combination therapy approaches, safety, adverse effects & long-term outcomes, regulation of neurotechnology, digital therapeutics & mental health apps, telepsychiatry & remote mental health delivery, wearables & passive mental health monitoring, precision psychiatry & biomarker-guided treatment, neuroplasticity-based rehabilitation

# Congress Vision

The congress envisions a future where brain health is prioritized across the lifespan, mental wellness is destigmatized, and neurological and psychiatric conditions are understood, prevented, and treated through innovative research and compassionate, evidence-based care.

## Tentative Agenda Overview

### Day 1

- Keynote Lectures
- Plenary Scientific Sessions
- Panel Discussions
- Networking Sessions

### Day 2

- Oral Scientific Presentations
- Poster Sessions
- Industry and Technology Sessions
- Collaborative Discussions

Detailed agenda will be published on the official website.

## Why Participate

- Gain insights from global experts at the forefront of neuroscience and brain health research
- Present and discuss cutting-edge discoveries in neurological and psychiatric disorders
- Network with international academic, clinical, and industry professionals
- Explore emerging technologies and therapeutic approaches for brain health
- Enhance professional development and forge cross-sector collaborations to advance mental wellness worldwide

# Target Audience

The congress is designed for professionals involved in neuroscience, neurology, psychiatry, and mental health, including:

- Neurologists, cognitive neurologists, and movement disorder specialists managing patients across the neurodegenerative disease spectrum
- Psychiatrists, psychotherapists, and mental health clinicians working with mood, psychotic, anxiety, and addiction disorders
- Neuroscientists and molecular biologists investigating the cellular and circuit mechanisms of neurological and psychiatric conditions
- Neuroimaging researchers and computational neuroscientists developing and applying brain measurement and modeling technologies
- Child and adolescent psychiatrists, pediatric neurologists, and developmental neuroscientists working in neurodevelopment
- Psychopharmacologists, clinical pharmacologists, and drug development scientists working on brain health therapeutics
- Neuromodulation specialists and biomedical engineers developing TMS, DBS, and closed-loop stimulation systems
- Psychedelic therapy researchers and clinical scientists contributing to the emerging evidence base for psychedelic-assisted treatment
- Neuropsychologists and clinical psychologists assessing cognitive and behavioral dimensions of neurological conditions
- Neonatologists, perinatal specialists, and maternal mental health researchers working in early brain development
- Genetic counselors and clinical geneticists working with neurodevelopmental syndromes and familial neurological conditions
- Digital mental health researchers and developers building AI-powered screening, monitoring, and therapeutic tools
- Public health researchers, epidemiologists, and policy professionals engaged with the global burden of neurological and mental health disorders
- Graduate students, postdoctoral researchers, and early-career neuroscientists and clinicians building their research careers

# Venue

## Prague, Czech Republic

Prague is a leading European destination for international scientific conferences, offering excellent connectivity, modern infrastructure, and a rich cultural heritage. The city provides an ideal environment for academic exchange, professional networking, and collaboration.

Participants will have access to a wide range of accommodation options and convenient transport facilities near the conference venue.

## Contact Information

For all inquiries related to registration, abstract submission, sponsorship, exhibition, and general participation, please contact the organizing team using the details below.

### Contact Details

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### Official Website

<https://sciratorconferences.com/ICNBM-2027/>