Conference Information

The 28th Annual Thai Neuroscience Society Conference (TNS28) warmly welcomes leading experts, researchers, and professionals in the field of neuroscience for a collaborative gathering where ideas flourish and collaboration thrives.

Hosted at the **Kantary hills hotel, Chiang Mai, Thailand, from Oct 29 - 31, 2025**, the 28th Annual Thai Neuroscience Society Conference (TNS28), unveils its compelling theme: **Neuroplasticity Across the Lifespan: Advancing Neuroplasticity research through cutting-edge methodologies**

Neuroplasticity is a fundamental property of the brain, driving learning, memory, adaptation, and recovery throughout life. As neuroscience advances, our understanding of its role—from development to aging and disease—continues to deepen. This year's conference reflects the dynamic progress in the field, standing at the intersection of fundamental discovery and therapeutic innovation, where cutting-edge research is paving the way for new strategies in brain health and neurodegenerative disease treatment.

Join us at TNS28 to expand your network in neuroscience and stay updated on the latest discoveries in the field. Together, let's contribute to advancing neurobiology and shaping the future of brain health.

Greetings!

The Thai Neuroscience Society (TNS) is excited to announce that the **The 28th Annual Thai Neuroscience Society Conference** (TNS28) will be organized in conjunction with the IBRO—supported associate school. Co-hosted by Faculty of Medicine, Chiang Mai University, TNS28 warmly welcomes neuroscience experts and professionals worldwide. The conference explores the theme "**Neuroplasticity Across the Lifespan: Advancing Neuroplasticity research through cutting-edge methodologies**"

Neuroplasticity is a defining feature of the brain, enabling learning, memory, recovery from injury, and adaptation throughout life. As neuroscience progresses, our understanding of how plasticity shapes brain function—from development to aging and disease—continues to evolve. In 2025, we find ourselves at the intersection of groundbreaking discovery and therapeutic innovation, where cutting-edge research is unlocking new possibilities for brain health and the treatment of neurodegenerative diseases.

A landmark achievement in 2024—the completion of the *Drosophila* brain connectome—has provided an unprecedented view of neural circuit organization, revealing how structural and functional plasticity are interconnected. This milestone fuels our excitement for the eventual mapping of the human brain connectome. At the same time, the rise of omics technologies, such as single-cell transcriptomics and epigenomics, is revolutionizing our understanding of the molecular mechanisms driving neuroplasticity across the lifespan.

Breakthroughs in gene and cell therapies are also reshaping our approach to previously incurable neurodegenerative diseases, demonstrating that the brain's adaptive potential may extend beyond what was once imagined. Advances in neuropharmacology, glial biology, and regenerative medicine are further enhancing our ability to modulate and restore brain function.

The TNS28 Conference on Neuroplasticity Across the Lifespan will bring together leading experts in neuroscience, genetics, neurophysiology, and clinical research to explore these transformative discoveries. By integrating perspectives from small animal models, primate studies, and human clinical research, this conference will provide a comprehensive platform to discuss the future of neuroplasticity and its implications for both basic science and novel neurotherapeutics.

Join us at TNS28 to expand your network in neuroscience and stay updated on the latest discoveries in the field. Together, let's contribute to advancing neurobiology and shaping the future of brain health!

Overview

Date	**Oct 29 (Wed) – Oct 31 (Fri), 2025**
Venue	**Kantary hills hotel, Chiang Mai, Thailand**
Theme	"**Neuroplasticity Across the Lifespan: Advancing Neuroplasticity research through cutting-edge methodologies**"
Official Language	**English**
Organized by	**Thai Neuroscience Society**
Hosted by	**Faculty of Medicine, Chiang Mai University**
Supported by	**International Brain Research Organization (IBRO), Chiang Mai University and Thai Neuroscience Society, Mahidol University**

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