



17TH
NEUROSCIENCE
SYMPOSIUM
2026



FROM
Inflammation^{TO}
Intervention

*Neuroimmune Crossroads:
Mechanisms, Models, and Medicine*

Aug 1st, 2026 Saturday
Honolulu, Hawaii

We now recognize **neuroinflammation** not as a bystander, but as a powerful driver of neurological disease.

Neuroinflammation lies at the intersection of immune signaling, neural circuitry, and disease progression. Over the past decade, extraordinary advances have deepened our understanding of microglial activation states, peripheral immune infiltration, cytokine signaling cascades, and the long-term consequences of inflammatory stress on cognition and behavior.

The challenge before us is clear:

- How do we move from descriptive findings to actionable therapeutic targets in **brain tumors, migraine, sleep disorders, and epilepsy**?
- How do we design interventions that modulate inflammatory pathways without disrupting essential neuroimmune communication in multiple sclerosis (**MS**), **CIDP**, **epilepsy, headache disorders, and myasthenia gravis**?
- How can we integrate biomarkers, advanced imaging, and AI-driven computational models to predict therapeutic response in **Alzheimer's and Parkinson's disease**?

This conference is a call to refine our tools and bridge the gap between mechanism and intervention. As we move from neuroinflammation to neurointervention, we are not merely mapping pathways—we are building bridges: between academia, clinical science, industry, government, and advocacy communities.

Join us as more than **250 members** of the interdisciplinary neuroscience community—spanning neurology, psychiatry, immunology, psychology, neurosurgery, and translational research—come together to transform neuroinflammation from a diagnostic clue into a therapeutic opportunity.

Limited space, **register** today on:

www.hawaii neuroscience.com/symposium2026/



Kore Kai Liow, MD

Chair, Organizing Committee
Neuroscience Chair, Hawaii Pacific Neuroscience
Clinical Professor of Medicine (Neurology), Clinical &
Translational Research,
University of Hawaii John Burns School of Medicine

Tentative agenda

- 7AM—9AM** ○ *Scientific Poster Presentation*
- 9AM—10AM** ○ *Keynote Plenary Session*
- 10AM—3PM** ○ *Scientific Plenary Session*
- 10AM—3PM** ○ *Simultaneous Botulinum Toxin Workshop*
- 12PM—1PM** ○ *Lunch Lecture*
- 3PM—4PM** ○ *Hawaii Governor's Session*

Inflammation Intervention

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Governor's Charge



Governor's Charge: Building & Growing Healthcare Research Infrastructure in Hawaii

Josh Green, M.D.

Honorable Governor
State of Hawaii

Keynote Plenary Session



How Brain Tumors Suppress the Immune System

Michael Lim, M.D.

Professor and Endowed Chair
Department of Neurosurgery
Stanford University School of Medicine



Neuroimmune Crossroads: From Inflammation to Intervention

Kore Kai Liow, M.D.

Neuroscience Chair,
Hawaii Pacific Neuroscience
Clinical Professor of Medicine (Neurology), Clinical & Translational Research
University of Hawaii John Burns School of Medicine

Skills Workshops



Botulinum Toxin Skills Workshop for Chronic Migraine Prevention

Eonjung Angeline Kim, M.D.

Director, Headache & Facial Pain Center,
Clinical Assistant Professor of Medicine (Neurology),
University of Hawaii John Burns School of Medicine



Orexin & Autoimmunity: The Pathophysiology of Narcolepsy

Nicholas Anderson, M.D.

Director, Sleep Wake Center,
Clinical Assistant Professor of Medicine
University of Hawaii John Burns School of Medicine



Autoimmune Epilepsy & Immune Targets for Therapy

Darren DuGas, M.D.

Director, Comprehensive Epilepsy Ctr Video-EEG Epilepsy Monitoring Unit,
Clinical Assistant Professor of Medicine (Neurology)
University of Hawaii John Burns School of Medicine



Engineering Immune System: Opportunities & Challenges in Neuroimmunology

Natalia Gonzalez Caldito, M.D.

Director, MS & Neuroimmunology Center, ALS and Neuromuscular EMG Center,
IV Infusion Ctr Clinical Assistant Professor of Medicine (Neurology)
University of Hawaii John Burns School of Medicine



Inflammation in Alzheimer's Disease: Modulation & Future Direction

Michael Sonson, M.D.

Director, Memory Center,
Investigator, Alzheimer's Research Unit
Hawaii Pacific Neuroscience



Rewiring the Immune System – Immune Check Point Inhibitors: Neuromuscular Complications

Bryce Kalei Chang, M.D.

Neuromuscular Fellow
Mayo Clinic

2026 Hawaii Neuroscience & Research Symposium

Aug 1st, 2026 Saturday | 8:00AM – 4:00PM

Honolulu, Hawaii



Eonjung Angeline Kim, M.D

Director, Headache & Facial Pain Center,
Hawaii Pacific Neuroscience
Clinical Assistant **Professor** of Medicine
(Neurology), University of Hawaii John Burns
School of Medicine

■ Session Format

This hands-on introductory workshop will focus solely on onabotulinumtoxinA for chronic migraine. The session will begin with a brief review of indications, mechanism of action, and preparation steps, followed by a guided walkthrough of the PREEMPT injection protocol and key anatomic landmarks. Participants will then rotate through three simultaneous stations using Botox head models, with personal one on one supervision. Each session will be capped at ten attendees to allow for close guidance and practice.

■ Learning Objectives

- Understand when to use onabotulinumtoxin A for chronic migraine prevention.
- Review mechanism, preparation, and expected clinical outcomes.
- Learn the standard injection pattern, dosing, and safety considerations.
- Gain hands-on experience with each injection site under faculty supervision.

■ Core Competencies:

Patient Care and Procedural Skills, Medical Knowledge, Interpersonal and Communication Skills, Practice-based Learning and Improvement, Systems-based Practice, Quality Improvement.
Program Level: Introductory (pre-requisite to attend future advanced skills workshops)

■ Recommended Audience

Physicians & residents caring for patients with headache disorders.

