



Program Agenda – Updated: May 3, 2022 (all times Mountain)

AGENDA AT A GLANCE

Thursday, June 9, 2022

6:00 am – 6:30 am	Sunrise Yoga
7:00 am – 6:00 pm	Registration Desk
7:00 am – 8:00 am	Industry-Sponsored Event Women in Headache Medicine Breakfast Sponsored by AbbVie
8:00 am – 10:00 am	Pre-Meeting Courses
Pre-Course 1:	Trials and Tribulations: Optimizing and Expanding Headache Services for Your Patients
Pre-Course 2:	The Surgical Management of Headache: Cutting Edge Approaches and Controversies
8:00 am – 12:30 pm	Hot Topics in Basic Science Symposium
10:30 am – 12:30 pm	Pacific Rim Symposium
10:30 am – 12:30 pm	Pre-Meeting Courses
Pre-Course 3:	The Evidence-Free Zones of Pediatric Headache Treatments
Pre-Course 4:	Understanding Patient-Reported Outcome Measures (PROMs) for Headache Trials and Clinical Practice
12:30 pm – 1:30 pm	Industry-Sponsored Event Sponsored by Lilly
2:00 pm – 2:30 pm	Welcome / Opening Remarks / AMF Update
2:30 pm – 3:15 pm	KEYNOTE Psychedelics for the Treatment of Depression and PTSD
3:15 pm – 4:30 pm	PLENARY: Hot Topics in Headache
4:45 pm – 5:30 pm	AHS Membership Meeting
5:30 pm – 6:45 pm	Welcome/Exhibitor/Poster Reception
6:45 pm – 7:45 pm	Industry-Sponsored Event Sponsored by AbbVie
8:00 pm – 9:00 pm	Committee and Section Meetings

Friday, June 10, 2022

6:00 am – 6:30 am	Sunrise Yoga
6:30 am – 6:00 pm	Registration Desk
6:30 am – 8:00 am	Committee and Section Meetings
6:30 am – 7:30 am	Industry-Sponsored Event



Program Agenda – Updated: May 3, 2022 (all times Mountain)

6:30 am – 7:30 am	Sponsored by Collegium Pharmaceutical Industry-Sponsored Event
6:30 am – 8:00 am	Sponsored by Teva Exhibits and Posters with Continental Breakfast
8:00 am – 8:45 am	Seymour Solomon Award Lecture
8:45 am – 9:00 am	Lifetime Achievement Award
9:15 am – 10:30 am	Future of Headache Medicine
10:30 am - 11:15 am	Exhibits and Posters with Refreshments
10:30 am - 11:15 am	Committee and Section Meetings
11:15 am – 1:00 pm	Scientific Paper Presentations - Session 1
1:00 pm – 1:30 pm	Early Career Award Lecture
1:30 pm – 2:30 pm	Exhibits and Poster Session
1:30 pm – 2:30 pm	Methodology, Design & Statistical Mentoring Sessions #1
1:30 pm – 2:30 pm	Industry-Sponsored Event Sponsored by Lilly
2:30 pm – 3:15 pm	Harold G. Wolff Award Lecture
3:15 pm – 5:15 pm	PLENARY: Design and Interpretation of Headache Research and Clinical Trials
5:15 pm – 7:15 pm	Friday Evening Events
7:30 pm – 8:30 pm	Industry-Sponsored Event Sponsored by Biohaven Pharmaceuticals

Saturday, June 11, 2022

6:00 am – 6:30 am	Sunrise Yoga
6:30 am – 6:00 pm	Registration Desk
6:30 am – 7:30 am	Industry-Sponsored Event Sponsored by Lundbeck
6:30 am – 7:30 am	Exhibits and Posters with Continental Breakfast
7:30 am – 9:30 am	Industry-Submitted Abstracts
9:30 am – 10:00 am	Coffee Break
10:00 am – 10:45 am	DEBATE: Positive Phase 3 Trial: 'So what?' OR 'That's awesome!' Are Clinical Trials Representative of our Patients?
10:45 am – 11:15 am	Exhibits and Posters with Refreshments
11:15 am – 12:15 pm	CONCURRENT SESSION Scientific Paper Presentations - Session 2A
11:15 am – 12:15 pm	CONCURRENT SESSION Scientific Paper Presentations - Session 2B <i>Includes Late-Breaking Abstract Presentations</i>
12:15 pm – 1:00 pm	DEBATE: Is Inflammation a Mechanism of Migraine?



Program Agenda – Updated: May 3, 2022 (all times Mountain)

1:00 pm – 2:15 pm	Exhibits and Poster Session
1:00 pm – 2:15 pm	Methodology, Design & Statistical Mentoring Sessions #2
1:00 pm – 2:00 pm	Industry-Sponsored Event Sponsored by Impel Pharmaceuticals
2:15 pm – 3:45 pm	Scientific Paper Presentations - Session 3
3:45 pm – 5:45 pm	PLENARY: What Makes Migraine Worse
5:45 pm – 6:30 pm	John R. Graham Award Lecture
6:30 pm – 7:45 pm	Wine and Cheese Reception

Sunday, June 12, 2022

6:30 am – 12:00 pm	Registration Desk
7:00 am – 8:00 am	Continental Breakfast
8:00 am – 10:00 am	PLENARY: TBI/Post Traumatic Headache

FULL AGENDA

Thursday, June 9, 2022

6:00 am – 6:30 am	Sunrise Yoga
7:00 am – 6:00 pm	Registration Desk
7:00 am – 8:00 am	Industry-Sponsored Event Women in Headache Medicine Breakfast Sponsored by AbbVie, Inc. <i>Not Eligible for CME Credits</i>
8:00 am – 10:00 am	Pre-Meeting Courses
Pre-Course 1:	Trials and Tribulations: Optimizing and Expanding Headache Services for Your Patients <i>Practice Management Committee</i>
	Moderators: Christina L. Szperka, MD, FAHS; Raissa Villanueva, MD, MPH
8:00 am – 8:05 am	Introductions Christina L. Szperka, MD, FAHS <i>Children's Hospital of Philadelphia</i>
	Raissa Villanueva, MD, MPH <i>University of Rochester Medical Center</i>
8:05 am – 8:35 am	How to Get Involved in Clinical Trials Jessica Ailani, MD, FAHS <i>MedStar Georgetown University Hospital</i>



Program Agenda – Updated: May 3, 2022 (all times Mountain)

- Brad C. Klein, MD, MBA
Abington Neurological Associates, LTD
- 8:35 am – 8:55 am **How to Build a Multi-Disciplinary Team**
Brian M. Grosberg, MD
Hartford Healthcare Headache Center
- 8:55 am – 9:05 am **Billing/Reimbursement for Psychologists, Working Together**
Elizabeth K. Seng, PhD, FAHS
Yeshiva University/Albert Einstein College of Medicine
- 9:05 am – 9:15 am **Billing/Reimbursement for APPs/RNs and the Logistics of How to Work Together Efficiently**
Maureen A. Moriarty, DNP, ANP-BC, FAHS
Moriarty Associates
- 9:15 am – 9:35 am **Prior Authorization- Navigating the Process**
Raissa Villanueva, MD, MPH
University of Rochester Medical Center
- 9:35 am – 9:45 am **Special Issues in Pediatrics**
Christina L. Szperka, MD, FAHS
Children's Hospital of Philadelphia
- 9:45 am – 10:00 am Panel Discussion
- Pre-Course 2: The Surgical Management of Headache: Cutting Edge Approaches and Controversies**
CSF Pressure and Volume Disorders and Procedural Headache Medicine
Special Interest Sections
- Moderator: Paul G. Mathew, MD, DNBPAS, FAHS
- 8:00 am – 8:25 am **ENT Surgical Approaches in Patients with Headache Disorders**
Frederick Godley III, MD, FACS
Association of Migraine Disorders
- 8:25 am – 8:50 am **Percutaneous And Surgical Approaches CSF Volume Disorders**
Linda Gray Leithe, MD
Duke University Medical Center
- 8:50 am – 9:15 am **Bariatric Surgery and Headache**
Jennifer McVige, MD, MA
Dent Neurologic Institute
- 9:15 am – 9:40 am **Nerve Decompression Surgery for the Treatment of Focal Painful Cranial Neuralgias**
Pamela Blake, MD, FAHS
Headache Center of River Oaks
- 9:40 am – 10:00 am Panel Discussion

8:00 am – 12:30 pm

Hot Topics in Basic Science Symposium



Program Agenda – Updated: May 3, 2022 (all times Mountain)

- Moderators: Aynah Pradhan, PhD;
Rami Burstein, PhD
- 8:00 am – 8:25 am **Novel Insights into Migraine Mechanisms From Multi-Modal Minimally Invasive Approach**
Andrew C. Charles, MD, FAHS
University of California, Los Angeles
- 8:25 am – 8:50 am **TBA**
Andrea Harriott, MD, PhD
Massachusetts General Hospital
- 8:50 am – 9:15 am **Circadian Properties of Cluster Headache Medications and The Trigeminal Ganglion**
Mark J. Burish, MD, PhD
University of Texas Health Science Center at Houston
- 9:15 am – 9:40 am **Uncovering a Neuroendocrine Link to Female-Selective Nociceptor Sensitization in Migraine**
Caroline Kopruszinski, PhD
University of Arizona
- 9:40 am – 10:05 am **Human and Mouse Trigeminal Ganglia Cell Atlas Implicates Multiple Cell Types in Migraine**
William Renthal, MD, PhD
Brigham and Women’s Hospital
- 10:05 am – 10:20 am **Hot Topics Panel Discussion**
- 10:20 am – 10:40 am **Break**
- 10:40 am – 11:05 am **Brain Functions Altered by Peripherally Acting Drugs**
Rami Burstein, PhD
Harvard Medical School
- 11:05 am – 12:00 pm **Data Blitz Presentations**
- DB-01: Oxytocin Receptors on Calvarial Periosteal Nociceptors: Pain Modulation in a Model of Post-Traumatic Headache**
Vimala Bharadwaj, PhD
Stanford University
- DB-02: Structure-function Studies of Sodium, Potassium-ATPase Regulators in Migraine**
Veronica Hubble, PhD
Huntington Medical Research Institutes
- DB-03: Pharmacogenomics—One Step Closer to Precision Medicine in Headache? A Pilot, Exploratory Study of the Effect of Pharmacogenomic Phenotypes on the Adequate Dosing of Verapamil for Migraine Prevention**



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Yi-Chieh Chen, PharmD
Mayo Clinic Health System

DB-04: Differential Association of Plasma Hormones with Lipolysis in Chronic Migraine

Alfred Fonteh, PhD
Huntington Medical Research Institute

DB-05: Assessing the Mechanistic Processes of Sodium Dysregulation in Migraine Patients

Abush Kolko, BS
University of California, Santa Barbara

DB-06: Effects of Goreisan, an Herbal Medicine, on Cortical Spreading Depolarization

Chisato Iba
Keio University School of Medicine

DB-07: Sex Differences in Behavioral Reaction in a Rodent Model of Acute Migraine

Chenchen Xia, PhD
Huntington Medical Research Institutes

12:00 pm – 12:30
pm

Group Discussion: Future of Basic Science of Headache

Chair: Rami Burstein, PhD
Harvard Medical School

10:30 am – 12:30 pm

Pacific Rim Symposium

How are CGRP-Related Monoclonal Antibodies Changing Migraine Therapy in the Pacific Rim Countries?

Pacific Rim Committee

Moderators: Mamoru Shibata, MD, PhD

Overview: How Do We Effectively Utilize CGRP-Related Antibodies in Migraine Prophylaxis?

Mamoru Shibata, MD, PhD
Tokyo Dental College Ichikawa General Hospital

Galcanezumab for Difficult-To-Treat Chronic Migraine: Real-World Experience in Taiwan

Yen-Feng Wang, MD, PhD
National Yang-Ming University School of Medicine



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Monoclonal Antibodies That Work on the CGRP Pathway - The Australian Experience

Michael Eller, MD
Monash Medical Centre

Clinical Experience of CGRP Monoclonal Antibodies in Korea

Hong-Kyun Park, MD, MSc
Inje University

Real-World Impact of Calcitonin Gene-Related Peptide (CGRP) Monoclonal Antibodies in Japan: A New Era Of Migraine Therapy

Daisuke Danno, MD, PhD
Tominaga Hospital

10:30 am – 12:30 pm

Pre-Course 3:

Pre-Meeting Courses

The Evidence-Free Zones of Pediatric Headache Treatments

Behavioral Issues, Complementary & Integrative Medicine, and Pediatric & Adolescent Special Interest Sections

Moderators: Christina L. Szperka, MD, FAHS; Emily Law, PhD; Niushen Zhang, MD, FAHS

10:30 am – 10:35 am

Introductions by the Chairs

Christina L. Szperka, MD, FAHS; Emily Law, PhD; Niushen Zhang, MD, FAHS

10:35 am – 10:55 am

Part 1: Treatments for Patients with NDPH and other Continuous Headache Disorders (Medications, CBD, Restrictive Diets, Chiropractic, Surgeries) – Considering Benefits and Harms

Jennifer Hranilovich, MD
Children's Hospital Colorado

10:55 am – 11:05 am

Q&A

11:05 am – 11:35 am

Part 2: Lifestyle Advice (Sleep, Hydration, Diet, Screen Time, Exercise), a Debate

Lifestyle Recommendations are Beneficial for Headache Care

Lauren Natbony, MD
Icahn School of Medicine at Mount Sinai

Lifestyle Recommendations Blame the Patient

Kaitlin Greene, MD
Oregon Health & Science University

11:35 am – 12:00 pm

Summary of Lifestyle Recommendations and Q&A



Program Agenda – Updated: May 3, 2022 (all times Mountain)

12:00 pm – 12:20 pm **Part 3: The State of Research in Pediatric Headache – from Bench to Clinical to Advocacy – Where Have We Been and Where are We Going?**

Serena Orr, MD, MS, FAHS
Alberta Children's Hospital

12:20 pm – 12:30 pm
 Q&A

Pre-Course 4: Understanding Patient-Reported Outcome Measures (PROMs) for Headache Trials and Clinical Practice

Methodology, Design & Statistical Issues Special Interest Section

10:30 am – 10:55 am
 Moderators: Olivia Begasse de Dhaem, MD; Dawn C. Buse, PhD, FAHS
“Fit-for-Purpose” PROMs From a Regulatory Standpoint
 Jim McGinley, PhD

Vector Psychometric Group, LLC

10:55 am – 11:20 am
Measuring What Matters: Putting the Patient in PROMs

Rikki Mangrum, MLS
Vector Psychometric Group, LLC

11:20 am – 11:45 am
Key Quantitative Components Needed for Producing Fit-for-Purpose PROMs

Carrie R. Houts, PhD
Vector Psychometric Group, LLC

11:45 am – 12:10 pm
How to Select and Effectively Incorporate PROMs into Clinical Practice and Trials

Richard B. Lipton, MD, FAHS
Albert Einstein College of Medicine

12:10 pm – 12:30 pm
Panel Discussion

RJ Wirth, PhD
Vector Psychometric Group, LLC

Dawn C. Buse, PhD, FAHS
Albert Einstein College of Medicine

Katie Golden
Patient Advocate

12:30 pm – 1:30 pm **Industry-Sponsored Event**
Patient and Clinician Perspectives in the Use of Modern Therapies for the Management of Migraine

Sponsored by Lilly
CME Eligible (via sponsor)



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Jessica Ailani, MD, FAHS
MedStar Georgetown University Hospital

Stephanie J. Nahas, MD, FAHS
Thomas Jefferson University

Stewart J. Tepper, MD, FAHS
Dartmouth-Hitchcock Medical Center

2:00 pm – 2:30 pm

Welcome / Opening Remarks / AMF Update

2:30 pm – 3:15 pm

KEYNOTE
Therapeutic Potential of Psychedelics

Bryan Roth, MD, PhD
University of North Carolina

3:15 pm – 4:30 pm

PLENARY: Hot Topics in Headache

Moderator: Mark J. Burish, MD, PhD

3:15 pm – 3:20 pm

Introductions

Nathaniel M. Schuster, MD
University of California, San Diego

3:20 pm – 3:40 pm

Psychedelics and Clinical Trials: What is the Data for Primary Headache Disorders?

Emmanuelle Schindler, MD, PhD
Yale University

3:40 pm – 3:45 pm

Q&A

3:45 pm – 4:05 pm

How Does the Endocannabinoid System Affect Headache and Disorders?

Tally Largent-Milnes, PhD
University of Arizona

4:05 pm – 4:30 pm

Panel Discussion

4:45 pm – 5:30 pm

AHS Membership Meeting

Not Eligible for CME Credits

Board of Directors Transition

Member’s Choice Award

“Management of Primary Headaches During Pregnancy, Postpartum, And Breastfeeding: A Systematic Review”

Kenneth K. Chen, MD
Brown University



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Above and Beyond Awards

Duren Michael Ready, MD, FAHS
Baylor Scott & White Clinic

Stephanie J. Nahas, MD, FAHS
Thomas Jefferson University

Adam Sprouse Blum, MD
University of Vermont Medical Center

Distinguished Service Award

William B. Young, Jr, MD
Thomas Jefferson University

5:30 pm – 6:45 pm Welcome/Exhibitor/Poster Reception

6:45 pm – 7:45 pm **Industry-Sponsored Event**
A Portfolio of Treatments for Migraine Patients

Sponsored by AbbVie, Inc.
Not Eligible for CME Credits

8:00 pm – 9:00 pm Committee and Section Meetings

Friday, June 10, 2022

6:00 am – 6:30 am Sunrise Yoga

6:30 am – 6:00 pm Registration Desk

6:30 am – 8:00 am Committee and Section Meetings

6:30 am – 7:30 am **Industry-Sponsored Event**
ELYXYB, An Oral Solution for the Acute Treatment of Migraine With or Without Aura

Sponsored by Collegium Pharmaceutical
Not Eligible for CME Credits

Andrew Blumenfeld, MD
Headache Center of Southern California

6:30 am – 7:30 am **Industry-Sponsored Event**
A Guided Discussion AJOVY
The Long-Acting Anti-CGRP Injection with Lasting Protection Against Migraine



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Sponsored by Teva
Not Eligible for CME Credits

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|--------------------------|---|
| 6:30 am – 8:00 am | Exhibits and Posters with Continental Breakfast |
| 8:00 am – 8:45 am | <p>Seymour Solomon Award Lecture
 Black Patients Matter in Headache Medicine: Exploration of Race, Racism, Race-based Headache Disparities and Professional Ethics
 Larry Charleston, IV, MD, MSc, FAHS
 <i>Michigan State University College of Human Medicine</i></p> |
| 8:45 am – 9:00 am | <p>Lifetime Achievement Award
 Gretchen E. Tietjen, MD
 <i>University of Toledo</i></p> |
| 9:00 am – 9:15 am | <p>NIH Roadmap for Migraine Research Update
 Michael L. Oshinsky, PhD
 <i>NINDS/NIH</i></p> |
| 9:15 am – 10:30 am | Future of Headache Medicine |
| 9:15 am - 9:35 am | <p>Clinical Fellowship Award
 Implementing Screening and Treatment for Adverse Childhood Experiences in Pediatric Patients with Headache at the Children’s Hospital of Philadelphia
 Marissa Anto, MD, MSc
 <i>Children's Hospital of Philadelphia</i></p> |
| 9:35 am - 9:55 am | <p>IHA Research Grant Presentation
 Examining the Impact of the Sleep-Wake Cycle and Sleep Deprivation on Cortical Spreading Depression Susceptibility and Sensory Sensitivity
 Sinifunanya Nwaobi, MD, PhD
 <i>University of California, Los Angeles</i></p> |
| 9:55 am - 10:10 am | <p>Future Of Headache Medicine
 Voluntary Exercise Reduces Acute and Persistent Post-Traumatic Headache-Related Pain in a Rodent Model
 Vimala Bharadwaj, PhD
 <i>Stanford University</i></p> |
| 10:10 am - 10:25 am | <p>Future Of Headache Medicine (FOMH-02)
 Presentation of Headache and Its Management in the Emergency Department Amongst a Cohort of Diverse Reproductive Age Women</p> |



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Crystal Jicha, MD
Montefiore Headache Center

10:30 am - 11:15 am Exhibits and Posters with Refreshments
 10:30 am - 11:15 am Committee and Section Meetings

11:15 am – 1:00 pm

Scientific Paper Presentations - Session 1

Includes Frontiers in Headache Research Scholarship Presentations

11:15 am – 11:25 am **OR-01: Migraine Prevalence Has Remained Stable While Disability Has Increased in US Population Studies**

Fred Cohen, MD
Jefferson Headache Center

11:25 am – 11:35 am **OR-02: The NIH HEAL Initiative Preclinical Screening Platform for Pain (PSP) Efforts to Validate Rodent Models of Pain and Migraine**

Smriti Iyengar, PhD
NINDS/NIH

11:35 am – 11:45 am **OR-03: Therapeutic Potential of Cannabinoids on Preclinical Migraine Models**

Erik Zorrilla, BS
University of Iowa

11:45 am – 11:55 am **OR-04: Resting-State Functional Connectivity in Pediatric Patients With New Daily Persistent Headache**

Edina Szabo, PhD
Boston Children's Hospital, Harvard Medical School

11:55 am – 12:05 pm **OR-05: Implementation of a Best Practice Alert in the Electronic Health Record Reduced Neurology Referrals and Magnetic Resonance Imaging for Headache: A Pilot Program of 1,860 Patients**

Scott M. Friedenberg, MD
Geisinger Health System

12:05 pm – 12:15 pm **OR-06: Validity of Self-Reported Migraine in Adolescents and Children**

Danielle J. Kellier, BS
University of Pennsylvania

12:15 pm – 12:25 pm **OR-07: Precision Phenotyping in Migraine Using Topological Data Analysis – Visualizing the Spectrum of Migraine Clinical Features**

Chia-Chun Chiang, MD
Mayo Clinic

12:25 pm – 12:35 pm **OR-08: Symptoms of Increased Peripheral and Central Trigeminal Sensitization Predict the Response to antiCGRP Monoclonal Antibodies: A Multicenter, 24-Week, Cohort Study on 864 Migraine Patients**

Gabriella Egeo, MD, PhD
IRCCS San Raffaele Roma



Program Agenda – Updated: May 3, 2022 (all times Mountain)

12:35 pm – 1:00 pm **Frontiers in Headache Research Scholarship Lecture+ Award Presentation**
Mechanisms of Mindfulness’ Impact on Migraine After Mindfulness Based Stress Reduction
 Paige Estave, PhD
Wake Forest School of Medicine

1:00 pm – 1:30 pm Early Career Award Lecture
Migraine with Aura Associates with A Higher Artificial Intelligence-ECG Atrial Fibrillation Prediction Model Output Compared to Migraine without Aura in Both Women and Men
 Chia-Chun Chiang, MD
Mayo Clinic

1:30 pm – 2:30 pm Exhibits and Poster Session

1:30 pm – 2:30 pm Methodology, Design & Statistical Mentoring Sessions #1

1:30 pm – 2:30 pm **Industry-Sponsored Event**
Mechanism of Action in Migraine Therapeutics: Does It Matter to Clinicians and Patients?
 Sponsored by Lilly
Not Eligible for CME Credits

Jessica Ailani, MD, FAHS
MedStar Georgetown University Hospital

Peter J. Goadsby, MD, PhD, FAHS
University of California, Los Angeles

Paul G. Mathew, MD, DNBPAS, FAHS
Harvard Medical School

2:30 pm – 3:15 pm Harold G. Wolff Award Lecture
Migraine and Peripheral Pain Models Show Differential Alterations in Neuronal Complexity
 Arynah Pradhan, PhD
University of Illinois at Chicago

3:15 pm – 5:15 pm PLENARY: Design and Interpretation of Headache Research and Clinical Trials
 Moderator: Elizabeth K. Seng, PhD, FAHS
 Chair: Jessica Ailani, MD, FAHS

3:15 pm – 3:20 pm **Introductions**



Program Agenda – Updated: May 3, 2022 (all times Mountain)

	Robert C. Gibler, PhD <i>Cincinnati Children's Hospital Medical Center</i>
3:20 pm – 3:40 pm	Animal Modeling of Headache and Design Implementation Amynah A. Pradhan, PhD <i>University of Illinois Chicago</i>
3:40 pm – 3:45 pm	Q&A
3:45 pm – 4:05 pm	The Pitfalls of Unreliable or Missing Data Dana Turner, PhD, MSPH <i>Massachusetts General Research Institute</i>
4:05 pm – 4:10 pm	Q&A
4:10 pm – 4:30 pm	What Should be the Primary Outcome? R.J. Wirth, PhD <i>Vector Psychometric Group, LLC</i>
4:30 pm – 4:35 pm	Q&A
4:35 pm – 4:55 pm	Setting the Criteria for Selection of Clinical Trials Jessica Ailani, MD, FAHS <i>MedStar Georgetown University Hospital</i>
4:55 pm – 5:15 pm	Panel Discussion
5:15 pm – 7:15 pm	Friday Evening Events
5:15 pm – 5:45 pm	Special Interest Section Fair
5:45 pm – 7:15 pm	AHS' Got Talent
7:30 pm – 8:30 pm	Industry-Sponsored Event Treat and Prevent Migraines with an All-in-One Medication Sponsored by Biohaven Pharmaceuticals <i>Not Eligible for CME Credits</i> Peter McAllister, MD <i>New England Institute for Neurology and Headache</i>

Saturday, June 11, 2022

6:00 am – 6:30 am	Sunrise Yoga
6:30 am – 6:00 pm	Registration Desk
6:30 am – 7:30 am	Industry-Sponsored Event Starting Today Effects of a Preventive Treatment Initiated During a Migraine Attack



Program Agenda – Updated: May 3, 2022 (all times Mountain)

Sponsored by Lundbeck
Not Eligible for CME Credits

Dawn C. Buse, PhD, FAHS
Albert Einstein College of Medicine

Rami Apelian, MD, MPH, FAES
Huntington Headache & Neurology

Paul K. Winner, DO, FAAN, FAAP, FAHS
Palm Beach Headache Center

6:30 am – 7:30 am

Exhibits and Posters with Continental Breakfast

7:30 am – 9:30 am

Industry-Submitted Abstracts

Not Eligible for CME Credits

7:30 am – 7:40 am

IOR-01: Efficacy And Safety Of Zavegepant Nasal Spray for the Acute Treatment of Migraine: Results of a Phase 3 Double-Blind, Randomized, Placebo Controlled Trial

Kathleen Mullin, MD
New England Institute for Neurology and Headache

7:40 am – 7:50 am

IOR-02: Incidences of Traumatic Brain Injury and Post-Traumatic Headache for all Age Groups Using a US Claims Database

Juline Bryson, MD
Teva

7:50 am – 8:00 am

IOR-03: Migraine-Related Stigma and Its Influence on Disability, Interictal Burden, and Migraine Specific Quality of Life: Results of the OVERCOME (US) Study

Robert E. Shapiro, MD, PhD
Larner College of Medicine, University of Vermont

8:00 am – 8:10 am

IOR-04: Increased Placebo Response Over Time in Oral Migraine Preventive Trials: A Systematic Literature Review and Meta-Analysis

Stewart J. Tepper, MD, FAHS
Dartmouth-Hitchcock Medical Center

8:10 am – 8:20 am

IOR-05: Characterizing Preventive Treatment Gaps in Migraine: Interim Results From the CaMEO-International Study United States Sample

Dawn C. Buse, PhD, FAHS
Albert Einstein College of Medicine

8:20 am – 8:30 am

IOR-06: Cardiovascular Outcomes Associated With Oral Triptans Among Migraine Patients With a History of Cardiovascular Conditions

Jessica Ailani, MD, FAHS



Program Agenda – Updated: May 3, 2022 (all times Mountain)

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| | <i>MedStar Georgetown University Hospital</i> |
| 8:30 am – 8:40 am | IOR-07: A Multicenter, Open Label Study Assessing the Efficacy of AJOVY® (fremanezumab-vfrm) on Interictal Migraine Related Burden
Heather Manley, MS, LPC
<i>Clinvest Research</i> |
| 8:40 am – 8:50 am | IOR-08: Long-Term Safety and Tolerability of STS101, a Dry Powder Intranasal Dihydroergotamine Product: Initial Data From the ASCEND Study
Stewart J. Tepper, MD, FAHS
<i>Dartmouth-Hitchcock Medical Center</i> |
| 8:50 am – 9:00 am | IOR-09: Safety and Tolerability of Rimegepant Every Other Day for Preventive Treatment of Migraine Plus As-Needed for Acute Treatment of Migraine: Results from A 52-Week, Open-Label Extension Study
Richard B. Lipton, MD, FAHS
<i>Albert Einstein College of Medicine</i> |
| 9:00 am – 9:10 am | IOR-10: Early Prediction of Response to INP104 for the Acute Treatment of Migraine
Sara E. Sacco, MD
<i>Carolinas Headache Clinic</i> |
| 9:10 am – 9:20 am | IOR-11: Decrease in Body Weight With Once-Daily Atogepant for the Preventive Treatment of Migraine: A Post Hoc Analysis
Jessica Ailani, MD, FAHS
<i>MedStar Georgetown University Hospital</i> |
| 9:20 am – 9:30 am | IOR-12: Celecoxib Oral Solution in the Acute Treatment of Migraine: Pooled Efficacy and Safety Results From 2 Randomized Placebo-controlled Trials
Todd Kunkel
<i>Collegium Pharmaceutical</i> |
| 9:30 am – 10:00 am | Coffee Break |
| 10:00 am – 10:45 am | DEBATE: Positive Phase 3 Trial: 'So what?' OR 'That's awesome!' Are Clinical Trials Representative of our Patients?
Chairs: Christina L. Szperka, MD, FAHS; Deborah I. Friedman, MD, MPH, FAHS

Jan L. Brandes, MD
<i>Nashville Neuroscience Group</i>

Amy Gelfand, MD, FAHS |



Program Agenda – Updated: May 3, 2022 (all times Mountain)

University of California, San Francisco

10:45 am – 11:15 am

Exhibits and Posters with Refreshments

11:15 am – 12:15 pm

CONCURRENT SESSION

Scientific Paper Presentations - Session 2A

11:15 am – 11:25 am

OR-09: Injection of CGRP in the Medial Cerebellar Nucleus Alters Sensory but Not Motor Behaviors

Thomas Duong

University of Iowa

11:25 am – 11:35 am

OR-10: Efficacy of a Dual ENKephalinase Inhibitor in a Preclinical Stress-Induced Migraine Model

Hao-Ruei Mei

University of Texas at Dallas

11:35 am – 11:45 am

OR-11: Migraine During Fertility Treatment: Interim Analysis of a Pilot Study

Joseph Safdieh

Weill Cornell Medicine

11:45 am – 11:55 am

OR-12: Sex Differences in Migraine: A Twin Study

Morgan C. Fitzgerald, BS

University of California San Diego

11:55 am – 12:05 pm

OR-13: The Migraine Disability Assessment (MIDAS) as an Indicator of Resilience in Patients with Headaches

Deborah I. Friedman, MD, MPH, FAHS

University of Texas Southwestern

12:05 pm – 12:15 pm

OR-14: There is No Sleeping it Off: The Impact of Poor Sleep in Children with Headache

Deirdre A. Caplin, PhD

University of Utah

11:15 am – 12:15 pm

CONCURRENT SESSION

Scientific Paper Presentations - Session 2B

Includes Late-Breaking Abstract Presentations

11:15 am – 11:55 am

Late-Breaking Abstracts

11:45 am – 11:55 am

OR-15: A Case-Control Study of Continuous Headache in Youth with Migraine, Persistent Post-Traumatic Headache, and New Daily Persistent Headache

Carlyn A. Patterson Gentile, MD, PhD

Children's Hospital of Philadelphia, University of Pennsylvania

11:55 am – 12:05 pm

OR-16: Trends in the Management of Headache Disorders in US Emergency Departments: Analysis of National Hospital Ambulatory Medical Care Survey 2007-2018 Data



Program Agenda – Updated: May 3, 2022 (all times Mountain)

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| 12:05 pm – 12:15 pm | <p>Seonkyeong Yang, MS
<i>University of Florida</i></p> <p>OR-17: Incidence of Status Migrainosus in Olmsted County, Minnesota, United States: Characterization and Predictors of Recurrence</p> <p>Juliana VanderPluym, MD
<i>Mayo Clinic Arizona</i></p> |
| 12:15 pm – 1:00 pm | <p>DEBATE: Is Inflammation a Mechanism of Migraine?</p> <p>Chair: Andrew F. Russo, PhD</p> <p>Dan Levy, PhD, MSc
<i>Beth Israel Deaconess Medical Center</i></p> <p>Andrew C. Charles, MD, FAHS
<i>University of California, Los Angeles</i></p> |
| 1:00 pm – 2:15 pm | Exhibits and Poster Session |
| 1:00 pm – 2:15 pm | Methodology, Design & Statistical Mentoring Sessions #2 |
| 1:00 pm – 2:00 pm | <p>Industry-Sponsored Event</p> <p>Setting the bar higher: Think you know DHE? Think again.</p> <p>Sponsored by Impel Pharmaceuticals</p> <p><i>Not Eligible for CME Credits</i></p> <p>Sara E. Sacco, MD
<i>Carolinas Headache Clinic</i></p> <p>Deborah I. Friedman, MD, MPH, FAHS
<i>University of Texas Southwestern</i></p> |
| 2:15 pm – 3:45 pm | <p>Scientific Paper Presentations - Session 3</p> <p><i>Includes Frontiers in Headache Research Scholarship</i></p> |
| 2:15 pm – 2:25 pm | <p>OR-18: Migraine Classification Using Deep Learning on Structural Brain MRI Data</p> <p>Mahfuzur Rahman Siddiquee
<i>Arizona State University</i></p> |
| 2:25 pm – 2:35 pm | <p>OR-19: Anxiety and Depressive Symptoms and Disorders in Children and Adolescents with Migraine: A Systematic Review and Meta-Analysis</p> |



Program Agenda – Updated: May 3, 2022 (all times Mountain)

- Serena L. Orr, MD, MSc
Alberta Children's Hospital
- 2:35 pm – 2:45 pm **OR-20: Validation of Measures of Treatment Expectancy in Children & Adolescents with Headache**
Christina Szperka, MD
Children's Hospital of Philadelphia
- 2:45 pm – 2:55 pm **OR-21: The Unique Role of Stigma in Migraine-Related Disability and Quality of Life**
Elizabeth K. Seng, PhD
Albert Einstein College of Medicine
- 2:55 pm – 3:05 pm **OR-22: Glial Activation in Pain and Emotional Processing Regions in a Mouse Model of Chronic Migraine**
Haley C. Cropper, BS
University of Illinois at Chicago
- 3:05 pm – 3:15 pm **OR-23: Examining the Test-Retest Consistency of Sensory Hypersensitivity Measures in Headache Subjects**
Eric Tokita
University of Utah
- 3:15 pm – 3:25 pm **TBD Presentation**
- 3:25 pm – 3:35 pm Frontiers in Headache Research Scholarship Presentation
Exploring the Neurobiology of the Premonitory Phase of Migraine Preclinically: Possible Involvement of Hypothalamic Kappa Opioid Receptor (KOR) Signaling
Caroline Kopruszinski, PhD
University of Arizona
- 3:35 pm – 3:45 pm Frontiers in Headache Research Scholarship Presentation
Headache Disability in Children and Adolescents Before and During The COVID-19 Pandemic
Brian LaGrant, MD
Children's Hospital of Philadelphia
- 3:45 pm – 5:45 pm** **PLENARY: What Makes Migraine Worse**
Moderator: Dawn C. Buse, PhD, FAHS
Chair: Arynah A. Pradhan, PhD
- 3:45 pm – 3:50 pm **Introductions**
Eric A. Kaiser, MD, PhD
University of Pennsylvania
- 3:50 pm – 4:10 pm **Sleep**
Emily Law, PhD
University of Washington & Seattle Children's Hospital
- 4:10 pm – 4:15 pm Q&A



Program Agenda – Updated: May 3, 2022 (all times Mountain)

- 4:15 pm – 4:35 pm **Medication Overuse**
 Todd J. Schwedt, MD, MSCI, FAHS
Mayo Clinic - Arizona
- 4:35 pm – 4:40 pm Q&A
- 4:40 pm – 5:00 pm **Obesity**
 Dale S Bond, PhD
Hartford Hospital/HealthCare
- 5:00 pm – 5:05 pm Q&A
- 5:05 pm – 5:25 pm **Psychiatric Comorbidities**
 Todd A. Smitherman, PhD, FAHS
University of Mississippi
- 5:25 pm – 5:45 pm **Panel Discussion**

- 5:45 pm – 6:30 pm** ***John R. Graham Award Lecture***
 Peter J. Goadsby, MD, PhD, FAHS
University of California, Los Angeles

- 6:30 pm – 7:30 pm Wine and Cheese Reception

Sunday, June 12, 2022

- 7:00 am – 10:00 am Registration Desk
- 7:00 am – 8:00 am Continental Breakfast
- 8:00 am – 10:00 am** ***PLENARY: TBI/Post Traumatic Headache***
 Moderator: Alan G. Finkel, MD, FAHS
 Chair: Catherine D. Chong, PhD, FAHS
- 8:00 am – 8:05 am **Introductions**
 Carlyn Patterson Gentile, MD, PhD
Children's Hospital of Philadelphia
- 8:05 am – 8:25 am **TBD Basic Science Talk**
 K.C. Brennan, MD
University of Utah
- 8:25 am – 8:30 am Q&A
- 8:30 am – 8:50 am **TBD Talk**
 Catherine D. Chong, PhD, FAHS
Mayo Clinic - Arizona
- 8:50 am – 8:55 am Q&A
- 8:55 am – 9:15 am **Epidemiology and a Focus on VA Data**
 Jason Sico, MD, MHS
Veterans' Health Administration



Program Agenda – Updated: May 3, 2022 (all times Mountain)

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| 9:15 am – 9:20 am | Q&A |
| 9:20 am – 9:40 am | Clinical Perspective on PTH
Tad Seifert, MD
<i>Norton Healthcare</i> |
| 9:40 am – 10:00 am | Panel Discussion |