

6th Headache Research Summit

October 29, 2008
Fairmont Hotel
Ballroom 2
Washington, D.C.

October 30, 2008
National Institutes of Health
Building 50
Bethesda, Maryland

Course Co-Directors
Seymour Diamond, MD
Nabih Ramadan, MD

Presented and Jointly Sponsored By
NATIONAL HEADACHE FOUNDATION



**ROSALIND FRANKLIN UNIVERSITY
OF MEDICINE AND SCIENCE**



APPROVED FOR 8 AMA PRA CATEGORY 1 CREDITS™

Target Audience

This Research Summit is intended for established headache researchers, young physician researchers and physician investigators who apply for National Institutes of Health (NIH) career development awards for post doctorates (e.g., K awards) and MD/PhD scientists.

Objectives

- To create a scholarly medium for exchange on recent advances in migraine research
- To promote collaborative translational research in migraine
- To support young investigators in their quest for novel hypotheses into migraine research

Continuing Medical Education

This activity has been planned and implemented in accordance with the essential areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Rosalind Franklin University of Medicine and Science and the National Headache Foundation. The Rosalind Franklin University of Medicine and Science is accredited by the ACCME to provide continuing medical education for physicians.

Rosalind Franklin University of Medicine and Science designates this educational activity for a maximum of 8 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Course Co-Directors

Seymour Diamond, MD

Director Emeritus and Founder
Diamond Headache Clinic
Director, Diamond Inpatient Headache Unit
Saint Joseph Hospital
Chicago, Illinois

Adjunct Professor, Department of Cellular and Molecular Pharmacology;
Clinical Professor, Department of Family Medicine;
The Chicago Medical School at Rosalind Franklin University of Medicine and Science

Nabih Ramadan, MD, MBA, FAAN, FAHS

Director of Strategy
Diamond Headache Clinic
Chicago, IL

Faculty

Andrew H. Ahn, MD, PhD

Assistant Professor, UCSF Departments of Neurology and Anatomy
San Francisco, CA

Messoud Ashina, MD, PhD, Dr Med Sci

Asst. Professor
Danish Headache Center & Department of Neurology
Glostrup Hospital
Faculty of Health Sciences
University of Copenhagen

Sheena Aurora, MD

Director
Swedish Headache and Pain Center
Seattle, WA

Rami Burstein, PhD

Associate Professor
Program in Neuroscience
Harvard Medical School
Boston, MA

Andrew Charles, MD

Director, UCLA Headache Research and Treatment Program
Los Angeles, CA

Fred M. Cutrer, MD

Chief, Headache Division
Mayo Clinic
Rochester, MN

Rima M. Dafer, MD, MPH

Associate Professor
Department of Neurology
Loyola University
Chicago, IL

Frederick G. Freitag, DO

Associate Director
Diamond Headache Clinic
Chicago, IL

Kathy L. Gardner, MD

Assistant Professor of Neurology
University of Pittsburgh
Pittsburgh, PA

Andrew D. Hershey, MD, PhD

Professor of Pediatrics and Neurology
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine
Cincinnati, OH

Richard B. Lipton, MD

Professor and Vice-Chairman,
Department of Neurology
Albert Einstein College of Medicine
Bronx, NY

Dawn Marcus, MD

Professor
Department of Anesthesiology
University of Pittsburgh
Pittsburgh, PA

Michael A. Moskowitz, MD

Professor of Neurology
Harvard Medical School
Affiliate Member of the Faculty
Harvard-MIT Division of Health Science & Technology
Massachusetts General Hospital
Boston, MA

Andrew Russo, PhD

Professor and Director, Biosciences Program
Department Molecular Physiology and Biophysics
University of Iowa
Iowa City, IA

Ann I. Scher, PhD

Assistant Professor of Epidemiology
Department of Preventive Medicine and Biometrics
Uniformed Services University
Bethesda, MD

K. Michael Welch, MB, ChB, FRCP

President & CEO
Rosalind Franklin University of Medicine and Science
North Chicago, IL

Wednesday, October 29

Location: Fairmont Hotel, Ballroom 2

1:00pm to 5:00pm

REGISTRATION

6:00pm to 6:30pm

RECEPTION

6:30pm to 7:30pm

DINNER

7:30pm to 7:35pm

Welcome and Introduction
Seymour Diamond, MD

7:35pm to 8:35pm

Key Note Address

Translational Research and Migraine

Michael A. Moskowitz, MD

Thursday, October 30

Location: NIH Campus, Building 50

7:00am to 7:50am

BREAKFAST

7:50am to 8:00am

Welcome and Introduction
Seymour Diamond, MD

Nabih Ramadan, MD, MBA, FAAN, FAHS

8:00am to 10:00am

Neuroimaging of Headache

K. Michael Welch, MB, ChB, FRCP, Chair

White Matter Lesions

Rima M. Dafer, MD, MPH

Preclinical Imaging of CSD,

Relevance to Migraine

Andrew Charles, MD

Imaging Aura with fMRI, PET

and SPECT Scans

Fred Michael Cutrer, MD

Novel Techniques (e.g., Tensor Imaging)

Sheena Aurora, MD

10:00am to 10:15am

REFRESHMENT BREAK/ VIEWING OF POSTERS

10:15am to 12:15pm

Mechanisms and Neurogenetics of Migraine

Kathy L. Gardner MD, Chair

Familial Hemiplegic Migraine

Kathy L. Gardner, MD

Preclinical Physiological Models

Andrew Russo, PhD

Models of Sensitization

Rami Burstein, PhD

Preclinical Behavior Models

Andrew H. Ahn, MD, PhD

12:15pm to 1:15pm

LUNCH

1:15pm to 3:15pm

Epidemiology, Risk Factors, Temporal Profile

Richard B. Lipton, MD, Chair

Natural Course of Illness

Richard B. Lipton, MD

Predictors of Progression

Ann I. Scher, PhD

Mechanisms of Progression

K. Michael Welch, MB, ChB, FRCP

Therapeutic Approaches to Progression

Frederick G. Freitag, DO

3:15pm to 3:30pm

REFRESHMENT BREAK/ VIEWING OF POSTERS

3:30pm to 5:30pm

Issues in Clinical Trial Designs/Interpretation

Nabih M. Ramadan, MD, MBA, FAAN,
FAHS, Chair

Surgical and Device Trials

Nabih M. Ramadan, MD, MBA, FAAN, FAHS

Future Headache Therapeutics: Beyond Traditional Clinical Trials

Messoud Ashina, MD, PhD, Dr Med Sci

Pediatric Clinical Trials

Andrew D. Hershey, MD, PhD

The Placebo Response

Dawn Marcus, MD

Hotel Reservation Form

Yes, I plan to attend the 6th Headache Research Summit

October 29, 2008 – Keynote Address

The Fairmont
2401 M Street, NW
Washington, D.C. 20037

October 30, 2008

The Louis Stokes Laboratories, Building 50
50 South Drive
National Institutes of Health
Bethesda, Maryland 20892

Reservation Phone: 800-441-1414

Reservation Fax: 202-457-5089

All reservations must be received by October 3

Name (Last) _____ (First) _____ (M.I.) _____

Address _____

City/State/Zip _____

Phone Number _____

Arrival Date (*Check-in time is 4pm*) _____ Number of Nights/Number in Party _____

Rates based on single or double occupancy. Additional adults \$30 per person.

Reservation Deposit:

I understand that one night's room deposit and tax will be automatically billed to my credit card. Deposit will be refunded if cancelled more than 72 hours prior to arrival.

	Rate	# of Rooms
Single	\$279	_____
Double	\$279	_____

- Enclosed check for deposit
 Deposit to be billed to my credit card:

- American Express MasterCard
 Discover VISA

Credit Card # _____

Expiration Date _____

Signature _____

Name as it appears on card (*please print*) _____

Course Registration Form

Yes, I plan to attend the 6th Headache Research Summit

October 29 - 30, 2008

Bethesda, Maryland

Please print or type information

Name (Last) _____ (First) _____ (M.I.) _____ (Suffix) _____

Address _____

City/State/Zip _____

Phone Number _____

*\$25.00 processing charge for cancellations. All requests for cancellations must be sent by letter to: National Headache Foundation, 820 N. Orleans, Suite 217, Chicago, Illinois 60610-3132. Phone: 312-274-2652 Fax: 312-640-9049 or csmith@headaches.org. No refunds will be issued after October 15, 2008.

Deadline for Registration : October 15, 2008

Please complete and return to:
National Headache Foundation
Attention: Carolyn Smith
820 N. Orleans, Suite 217
Chicago, Illinois 60610-3132



Registration fee includes course syllabus, continental breakfast, lunch, refreshment breaks, and dinner on 10/29.

_____ \$ 150

- Check enclosed
 Please bill my credit card:

- American Express MasterCard
 Discover VISA

Credit Card # _____

Expiration Date _____

Signature _____

Name as it appears on card (*please print*) _____

Address (for credit card billing) _____

City/State/Zip _____

Phone Number _____



820 N. Orleans, Suite 217
Chicago, IL 60610-3132

Register Today!

**REGISTRATION IS LIMITED
TO THE FIRST 125 PEOPLE.**

The Summit is supported, in part, by a grant from the National Institute of Neurological Disorders and Stroke.

