



THE ELEVENTH ANNUAL HCOP WINTER CONFERENCE

OJAI VALLEY INN AND SPA • OJAI, CALIFORNIA





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WINTER CONFERENCE**

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Dear Colleagues,

Welcome back to Ojai and the 11th Annual Winter Symposium of the Headache Cooperative of the Pacific (HCOP).

On behalf of the board of Directors and the Program Committee, I want to thank you for your continued support and participation. This year, we are celebrating our 11th year as an organization dedicated to supporting communication amongst research and headache providers, and promoting headache education in the western US. We have a very clinically directed program this year.

We would like to again honor the memory of Dr. Steven Graff-Radford. Steven was a founding Member of the Society, and our first president. His incisive thoughts, wit, and wonderful energy will be missed.

We will begin with a talk by Katharina Eikermann-Haerter on **changes in the brain in chronic migraine**, followed by a presentation from Dr. Robert Cowan on the **natural history of chronic migraine**. We will then have a discussion by Dr Susan Hutchinson and Dr Mollie Johnston on whether **chronic migraine should be viewed as primary or a secondary headache**, followed by question and answer, and a refreshment break.

That will be followed by discussion on the **best articles in headache** in 2017 by Dr Morris Levin and Thomas Ward. Following this there will be an **update on new therapeutics** by Dr Alan Rapoport. A presentation on **Sex, Pain and Death** by Jeffrey S. Mogil, will be followed by a question and answer break.

We will have a wine and cheese reception paired with the always popular **Wait, Wait Don't Tell Me** session with Dr. Levin. We will then have a welcome dinner, to which all are invited.

On Saturday Dr Brigitte Lovell will help us understand why **"There is No Such Thing as "Atypical Facial Pain"**, and Dr Paul Grin will educate us on **Temporomandibular Disorders and Headache**. Then, Jes Olesen, MD & Thomas N. Ward, MD will then discuss **Classification of Trigeminal Neuralgia**.

After a question and answer break we will move into new migraine treatments. We will learn about **principles of antibody therapy** from Dr Morris Levin, and a review of **CGRP in migraine** by Dr. Andrew Charles, will be followed by discussion by Lawrence Newman of the topic **"Are CGRP Antagonists Any Better than Treatments"**.

After Q&A and lunch, Dr Randal Weeks will discuss **Headache and the Contribution of Anxiety and Mood Disorders**, and Dr Larry Robbins will discuss **Treatment Strategies for the Refractory Chronic Migraine Patient**. This will be followed by Dr Weeks and Cowan discussing **Refractory Headache vs Refractory Patients**.

Following another Q&A break, Dr Brian McGeeney will present on **The Science Behind Psychedelics for Cluster Headache**, and I will interview one of my long-time cluster patients. To close this exciting conference, the **Steven Graff-Radford Lifetime Achievement Keynote Presentation "All You Need to Know About PACAP-38"** will be given by Dr Jes Olesen

The board is certain this will be another great meeting, bringing together world-class clinicians and researchers in headache medicine in a small, informal setting with lots of opportunity for interaction and questions.

Bert Vargas and Judy Lane have compiled a terrific agenda and we are grateful to them, as well as the volunteers, and especially Maripat Traino who has worked tirelessly throughout the year, to ensure that we have another very successful event.

You are what make this meeting great. Enjoy!

Sincerely,

Jack D. Schim, MD, FAHS
President





ABOUT HCOP

The Headache Cooperative of the Pacific (HCOP) was formed in the summer of 2007 in response to a growing desire for better communication and education among healthcare providers who treat headache patients.

Modeled after the very successful Headache Cooperative of New England (HCNE) and under the guidance of its Founding President, Steven Graff-Radford, DDS (DECEASED) and Founding Director Alan Rapoport, MD, HCOP has been incorporated as a non-profit organization whose mission is to promote communication and spread headache information among headache caregivers and researchers, to provide headache education for non-headache specialists, and to increase understanding of headache in the community. Membership is open to all types of headache caregivers and we encourage our patients to form community support groups



HCOP PROGRAM COMMITTEE

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Medical Director, Colorado
Neurological Institute
Associate Professor of Family Medicine
and Pharmacy, University of Colorado
Denver, Colorado

Program Co-Chair

Bert Vargas, MD
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Concussion Program, UT Southwestern
Dallas, Texas

Program Committee

Robert Cowan MD
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Stanford University
Palo Alto, California

Alan Rapoport, MD
Clinical Professor of Neurology,
University of California Los Angeles
Los Angeles, California

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of California San Francisco
San Francisco, California

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Assistant Professor, David Geffen School
of Medicine at UCLA
Los Angeles, CA

Abraham Jim Nagy, MD
Medical Director, Nevada Headache Institute
Assistant Clinical Professor of Neurology,
University of Nevada School of Medicine
Las Vegas, Nevada

Bert Vargas, MD
Director, Sports Neurology and Concussion
Program
UT Southwestern
Dallas, Texas
Roseville, California



HCOP MISSION STATEMENT

**The mission of the Headache
Cooperative of the Pacific is to
promote communication and
spread headache information
among headache caregivers and
researchers, to provide headache
education for non-headache
specialists, and to increase
understanding of headache in the
healthcare community through:**

- Advancing the science of
headache through education
and coordinated research
- Providing a forum to link
providers of headache care
throughout the western states
- Supporting access to
appropriate care for our
patients
- Increasing awareness about
national and international
organizations and journals
devoted to headache
research and patient care



CONFERENCE EDUCATIONAL OBJECTIVES

At the completion of this program, participants will be better able to:

- Identify factors that will improve the care of women with chronic pain conditions including migraine.
- More accurately identify patients with trigeminal neuralgia
- Critically appraise the impact of newer migraine medications in the context of currently accepted treatment options

WHO SHOULD ATTEND

Attendance is open to healthcare professionals who treat or are interested in the treatment of headache, specifically: Neurologists, General Practitioners, Internists, Headache Specialists, Psychologists, Psychiatrists, Dentists, Nurse Practitioners, Physician Assistants, Pharmacists.

ACCREDITATION STATEMENT

This activity is planned and implemented by the University of Minnesota, Interprofessional Continuing Education and the Headache Cooperative of the Pacific (HCOP). University of Minnesota, Interprofessional Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center

CREDIT DESIGNATION STATEMENTS

American Medical Association (AMA)

The University of Minnesota, Interprofessional Continuing Education designates this live activity for a maximum of 11.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Healthcare Professionals

Nurses, nurse practitioners, advanced practice nurses, pharmacists, and other health care professionals who participate in this CE activity may submit this statement of participation to their appropriate accrediting organizations or state boards for consideration of credit. The participant is responsible for determining whether this activity meets the requirements for acceptable continuing education.

DISCLOSURE STATEMENT

It is the policy of the University of Minnesota Office Of Continuing Professional Development to ensure balance, independence, objectivity and scientific rigor in all of its educational activities. All individuals (including spouse/partner) who have influence over activity content are required to disclose to the learners any financial relationships with a commercial interest related to the subject matter of this activity. A commercial interest is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by or used on, patients. Disclosure information is reviewed in advance in order to manage and resolve any possible conflicts of interest. Specific disclosure information for each presenter, activity director, and planning committee member will be shared with the learner prior to the presenter's presentation. Persons who fail to complete and sign this form in advance of the activity are not eligible to be involved in this activity.



GENERAL INFORMATION

REGISTRATION

The registration desk will be located in the Hacienda Foyer and open the following hours:

Friday, January 26 **8:00 AM – 5:00 PM**
Saturday, January 27 **7:00 AM – 3:00 PM**

EXHIBIT HALL

The HCOP Exhibit Hall is located in Hacienda Ballroom A and will be open during the following hours:

Friday, January 26 **1:00 PM – 3:15 PM**
Saturday, January 27 **7:00 AM – 3:00 PM**

ACKNOWLEDGEMENTS

This activity is supported by educational funding donation provided by:

Allergan, Inc.
Amgen, Inc.
electroCore, LLC
Eli Lilly and Company
Supernus
Teva Pharmaceuticals

The Headache Cooperative of the Pacific Gratefully Acknowledges the Support of our Conference Exhibit Hall from our Industry Supporters.

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Valeant Pharmaceuticals North America LLC

ELEVENTH ANNUAL CONFERENCE FACULTY

Andrew C. Charles, MD
David Geffen School of Medicine at UCLA
Los Angeles, CA

Robert P. Cowan, MD
Stanford University
Palo Alto, CA

Ben Frishberg, MD
The Neurology Center of Southern California
San Diego, CA

Paul Grin, DDS, MPH
UCLA Orofacial Pain
Los Angeles, CA

Susan Hutchinson, MD
Orange County Migraine & Headache Center
Irvine, CA

Mollie Johnston, MD
UCLA Medical Center
Los Angeles, CA

Katharina Eikermann-Haerter, MD
Massachusetts General Hospital
Boston, MA

Judy Lane, MD
Blue Sky Neurology
Denver, CO

Morris Levin, MD
University of California, San Francisco
San Francisco, CA

Brigitte Lovell, DMD
Keeler Center for Headache & Orofacial Pain
Ojai, CA

Brian E. McGeeney, MD
Boston University School of Medicine
Boston, MA

Jeffrey S. Mogil, PhD
McGill University
Montreal, CANADA

Lawrence Newman, MD
NYU Langone Medical Center
New York, NY

Jes Olesen, MD
University of Copenhagen
Copenhagen, DENMARK

Alan Rapoport, MD
University of California Los Angeles
Los Angeles, CA

Larry Robbins, MD
Robbins Headache Clinic
Riverwoods, IL

Jack D. Schim, MD
The Neurology Center of Southern California
San Diego, CA

Bert Vargas, MD
UT Southwestern
Dallas, TX

Thomas N. Ward, MD
Dartmouth Medical School
Lebanon, NH

Randall Weeks, PhD
The New England Institute for Neurology
and Headache
Stamford, CT



PROGRAM INFORMATION

FRIDAY, JANUARY 26

1:00 PM – 1:15 PM	<p>Welcome Remarks Jack D. Schim, MD President, Headache Cooperative of the Pacific <i>The Neurology Center of Southern California</i></p> <p>Day 1 Introductory Remarks Judy Lane, MD & Co-chair, 2018 HCOP Winter Conference <i>Blue Sky Neurology</i></p>	<p>Bert Vargas, MD Co-chair, 2018 HCOP Winter Conference <i>UT Southwestern</i></p>
1:15 PM – 1:45 PM	<p>Chronic Migraine Changes the Brain Katharina Eikermann-Haerter, MD <i>Massachusetts General Hospital</i></p>	
1:45 PM – 2:15 PM	<p>Is Chronification the Natural History of Migraine Robert P. Cowan, MD <i>Stanford University</i></p>	
2:15 PM – 2:45 PM	<p>Primary Care and Neurology Perspectives: Is Chronic Migraine Viewed as Either a Primary or A Secondary Headache? Susan Hutchinson, MD & <i>Orange County Migraine & Headache Center</i></p>	<p>Mollie Johnston, MD <i>UCLA Medical Center</i></p>
2:45 PM – 3:00 PM	Q and A	
3:00 PM – 3:15 PM	Refreshment Break	
3:15 PM – 3:45 PM	<p>Journal Club - Best Articles of 2017 Morris Levin, MD & <i>University of California, San Francisco</i></p>	<p>Thomas N. Ward, MD <i>Dartmouth Medical School</i></p>
3:45 PM – 4:15 PM	<p>Therapeutic Update Alan Rapoport, MD <i>University of California Los Angeles</i></p>	
4:15 PM – 4:45 PM	<p>Sex, Pain and Death Jeffrey S. Mogil, PhD <i>McGill University</i></p>	
4:45 PM – 5:00 PM	Q and A	

5:00 PM – 5:45 PM **Wine and Cheese Reception**
Wait, Wait, Don't Tell Me...
 Facilitator: Morris Levin, MD
University of California, San Francisco

Panelist: Ben Frishberg, MD
The Neurology Center of Southern California

Judy Lane, MD
Blue Sky Neurology

Lawrence Newman, MD
NYU Langone Medical Center

Bert Vargas, MD
UT Southwestern

7:00 PM – 9:00 PM **Welcome Dinner (ALL are invited)**

SATURDAY, JANUARY 27

7:00 AM – 7:45 AM **Continental Breakfast**

7:45 AM – 8:00 AM **Day 2 Opening Remarks**
 Judy Lane, MD & Bert Vargas, MD
 Co-chair, 2018 HCOP Winter Conference Co-chair, 2018 HCOP Winter Conference
Blue Sky Neurology UT Southwestern

8:00 AM – 8:30 AM ***There is No Such Thing as "Atypical Facial Pain"***
 Brigitte Lovell, DMD
Keeler Center for Headache & Orofacial Pain

8:30 AM – 9:00 AM ***Headache Associated with Temporomandibular Disorders: a Clinical Update***
 Paul Grin, DDS, MPH
UCLA Orofacial Pain

9:00 AM – 9:40 AM ***Classification of Trigeminal Neuralgia: Do Sensory Changes Occur?***
 Jes Olesen, MD & Thomas N. Ward, MD
University of Copenhagen Dartmouth Medical School

9:40 AM – 9:55 AM **Q and A**

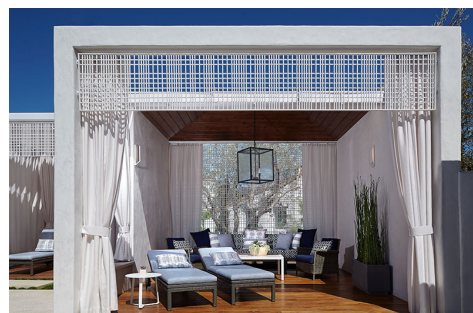
9:55 AM - 10:10 AM **Refreshment Break**

10:10 AM – 10:40 AM ***Principles of Antibody Therapy***
 Morris Levin, MD
University of California, San Francisco

10:40 AM – 11:10 AM ***CGRP in Migraine***
 Andrew C. Charles, MD
David Geffen School of Medicine at UCLA

11:10 AM – 11:50 AM ***Are CGRP Antagonists Any Better than Current Evidence-Based Treatments?***
 Lawrence Newman, MD
NYU Langone Medical Center

11:50 AM – 12:05 PM **Q and A**



12:05 PM – 1:00 PM

Lunch

1:00 PM – 1:30 PM

Headache and the Contribution of Anxiety and Mood Disorders

Randall Weeks, PhD

The New England Institute for Neurology and Headache

1:30 PM – 2:00 PM

Treatment Strategies for the Refractory Chronic Migraine Patient: What to Do When Your First Attempts Fail

Larry Robbins, MD

Robbins Headache Clinic

2:00 PM – 2:30 PM

Neurology and Psychiatry Perspectives: Are We Treating Refractory Headache or Refractory Patients?

Robert P. Cowan, MD

&

Randall Weeks, PhD

Stanford University

The New England Institute for Neurology and Headache

2:30 PM – 2:45 PM

Q and A

2:45 PM – 3:00 PM

Refreshment Break

3:00 PM – 3:30 PM

The Science Behind Psychedelics for Cluster Headache

Brian E. McGeeney, MD

Boston University School of Medicine

3:30 PM – 3:40 PM

Interview with Cluster Patient

Jack D. Schim, MD

The Neurology Center of Southern California

3:40 PM – 3:55 PM

Q and A

3:55 PM – 4:40 PM

Steven Graff-Radford Lifetime Achievement Keynote Presentation

All You Need to Know About PACAP-38

Jes Olesen, MD

University of Copenhagen

4:40 PM – 4:55 PM

Q and A

4:55 PM – 5:05 PM

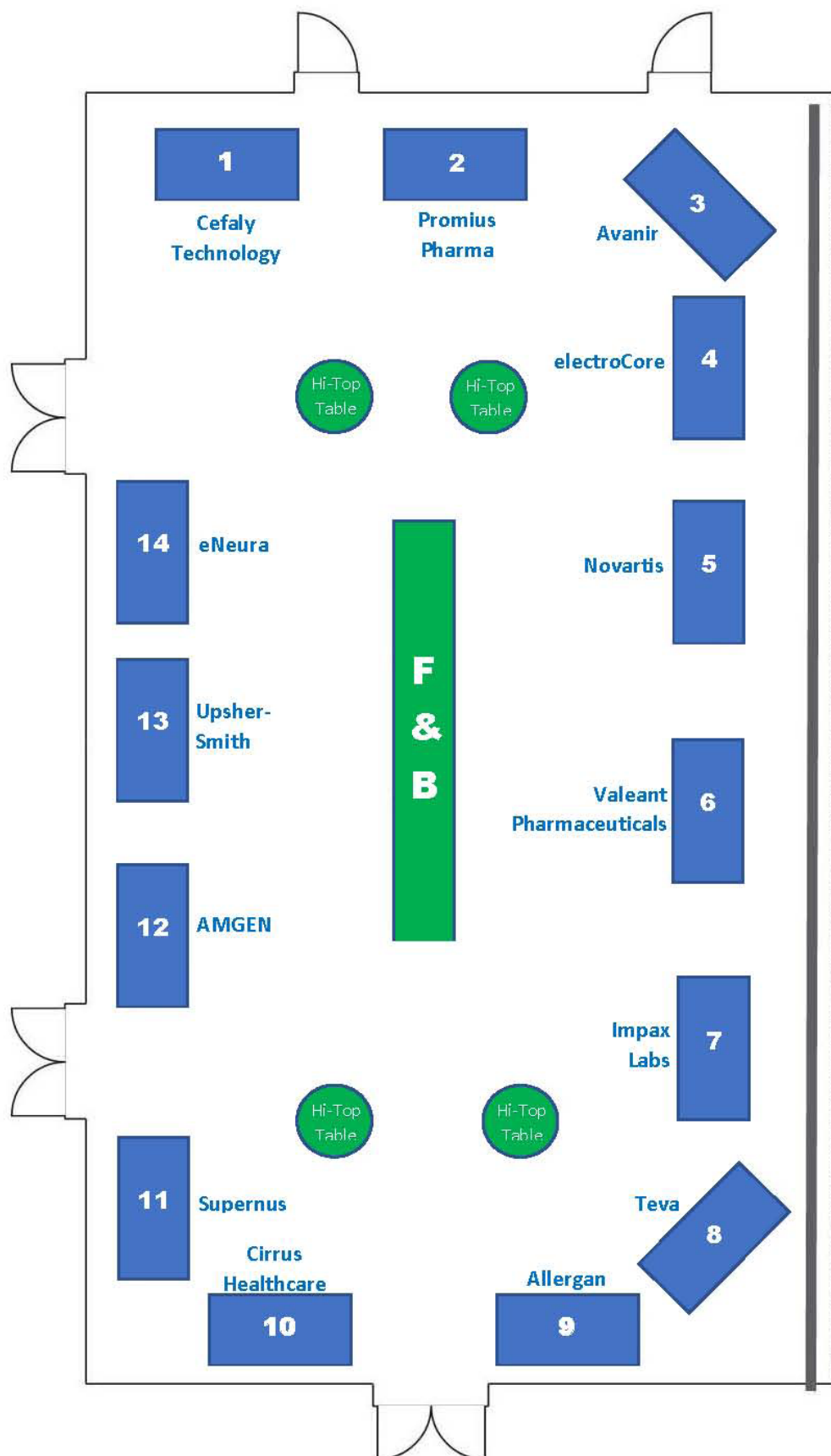
Closing Remarks

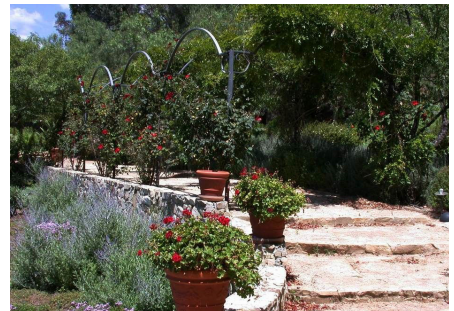
Jack D. Schim, MD

The Neurology Center of Southern California

HCOP 2018 WINTER CONFERENCE EXHIBIT HALL

Hacienda C-D





EXHIBITOR DIRECTORY

Allergan, Inc.

2525 Dupont Drive
Irvine, CA 92612
Phone: (714) 246-4500
Web: www.allergan.com

Booth #9

Allergan plc (NYSE: AGN), is a bold, global pharmaceutical company focused on developing, manufacturing and commercializing branded pharmaceutical, devices and biologic products for patients around the world.

For more information, visit Allergan's website at www.Allergan.com

CEFALY Technology

187 Danbury Road
Wilton, CT 06897 USA
Phone: (203) 309-5670
Email: info@cefaly.us
Web: www.cefalytechnology.com
www.cefaly.us

Booth #1

CEFALY Technology has developed unique medical devices for the acute and preventive treatments of migraine. The first Cefaly device received FDA approval in March 2014. The company's mission is to develop non-invasive, drug-free, neurological medical treatments. In addition to Cefaly devices for migraine treatments, the company is leading research on medical devices to treat coma, epilepsy and fibromyalgia.

AMGEN

1 Amgen Center Drive/ 1 Health Plaza
Thousand Oaks/ East Hanover
CA/NJ 91320/ 07936
Phone: 805-447-1000/ 862-778-8300
Web: www.amgen.com/ www.novartis.com

Booth #12

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. A biotechnology pioneer since 1980, Amgen has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential. Novartis provides innovative healthcare solutions that address the evolving needs of patients and societies. Headquartered in Basel, Switzerland, Novartis offers a diversified portfolio to best meet these needs: innovative medicines, eye care and cost-saving generic pharmaceuticals. Novartis is the only global company with leading positions in these areas.

Cirrus Healthcare Products, LLC.

60 Main Street, PO Box 220
Cold Spring Harbor, NY 11724 USA
Phone: 631-692-7600
Email: grant@cirrushealthcare.com
Web: www.migrainex.net

Booth #10

MigraineX is an all-natural solution to weather-related migraines. With our patented CeramX filter, the middle ear undergoes a more gradual shift in pressure when weather changes. Use with your prescription or not! Plus, our free MigraineX app sends push notifications alerting of upcoming weather systems. So you're prepared.

Avanir Pharmaceuticals

30 Enterprise, Suite 400
Aliso Viejo, CA 92656
Phone: (949) 389-6700
Email: mediarelations@avanir.com
Web: www.avanir.com

Booth #3

electroCore, LLC

150 Allen Road, Suite 201
Basking Ridge, NJ 07920
Phone: (973) 290-0097
Email: summer.diaz@electroCoreLLC.com
Web: www.gammaCore.com

Booth #4

electroCore, LLC is a U.S.-based bioelectronic medicine healthcare company focused on developing its proprietary self-administered, non-invasive vagus nerve stimulation (nVNS) therapy for the treatment of multiple conditions in neurology, metabolic disorders and immunology. The initial target is the treatment of primary headaches (cluster headache and migraine) and the associated chronic co-morbidities.

eNeura, Inc.

715 N. Pastoria Ave
Sunnyvale, CA 94085
Web: www.eneura.com

Prescribed by physicians but designed for patient use, the sTMS mini™ is the first portable, convenient TMS product that will allow migraine patients to administer treatment as needed—at home, in the office, or on the go. The sTMS mini™ is indicated for the acute and prophylactic treatment of migraine.

Booth #14

Supernus Pharmaceuticals, Inc.

1550 E Gude Drive
Rockvill, MD 20850 USA
Phone: 301.838.2500
Email: info@supernus.com
Web: www.supernus.com

We are a specialty pharmaceutical company focused on developing and commercializing products for the treatment of central nervous system (CNS) diseases.

Booth #11

Impax Laboratories, Inc.

31047 Genstar Road
Hayward, CA 9454
Phone: 510.240.6080
Web: www.impaxlabs.com

Impax Specialty Pharma is a branded product division of Impax Laboratories®, Inc. Impax Specialty Pharma is focused on targeting significant unmet needs, with a primary focus on developing treatments for neurological disorders.

Booth #7

Teva Pharmaceuticals

1090 Horsham Road
North Wales, PA 19454
Phone: 888-838-2872
Web: www.tevausea.com

At Teva, our goal is to transform the lives of those suffering from migraine and headache by creating solutions to reinvent the treatment paradigm and by placing people at the center of everything we do.

Booth #8

AMGEN / Novartis Pharmaceuticals

1 Amgen Center Drive/ 1 Health Plaza
Thousand Oaks/ East Hanover
CA/NJ 91320/ 07936
Phone: 805-447-1000/ 862-778-8300
Web: www.amgen.com/ www.novartis.com

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. A biotechnology pioneer since 1980, Amgen has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential. Novartis provides innovative healthcare solutions that address the evolving needs of patients and societies. Headquartered in Basel, Switzerland, Novartis offers a diversified portfolio to best meet these needs: innovative medicines, eye care and cost-saving generic pharmaceuticals. Novartis is the only global company with leading positions in these areas.

Booth #5

Upsher-Smith Laboratories, LLC

6701 Evenstad Dr.
Maple Grove, MN 55369
Phone: 763-315-2000
Email: usinfo@upsher-smith.com
Web: www.upsher-smith.com

Upsher-Smith Laboratories, LLC is a trusted U.S. pharmaceutical company that has strived to deliver quality, affordable generic medications for nearly a century. In June 2017, Upsher-Smith was acquired by Sawai Pharmaceutical Co., Ltd., a large publicly traded generics company in Japan that shares a similar philosophy of always putting patients first.

For more information, visit www.upsher-smith.com.

Booth #13

Promius Pharma, LLC

107 College Road East
Princeton, NJ 08540 USA
Phone: 609-282-1400
Web: www.promiuspharma.com

Inspired by patients and driven by innovation, Promius Pharma is committed to bringing new products to market in dermatology and neurology that meet patients' needs and seamlessly fit into their everyday lives. For more information about how we are putting patients first, visit promiuspharma.com.

Booth #2

Valeant Pharmaceuticals

400 Somerset Corporate Boulevard
Bridgewater, NJ 08807
Phone: (908) 927-1400
Email: Fernando.Arcila@valeant.com
Web: www.valeant.com

Valeant Pharmaceuticals International, Inc. is a multinational, specialty pharmaceutical and medical device company anchored by a collection of franchises with a common goal of improving people's lives. Valeant develops, manufactures and markets a broad range of branded & generic pharmaceuticals, OTC, and medical devices, marketed in more than 100 countries.

Booth #6

DISCLOSURES

Charles, Andrew: Dr. Andrew Charles is a consultant for Alder, Amgen, Inc., Biohaven, Eli Lilly and Company, and eNeura. He has received grant/research support from Takeda and honoraria for Amgen, Inc., Eli Lilly. Off Label Use: CGRP small molecule receptor antagonists and antibodies targeting CGRP or its receptor.

Cowan, Robert*: Dr. Robert Cowan has nothing to disclose.

Dobrinina, Dasha*: Ms. Dobrinina has nothing to disclose.

Eikermann-Haerter, Katharina: Dr. Katharina Eikermann-Haerter has nothing to disclose.

Frishberg, Benjamin: Dr. Benjamin Frishberg has nothing to disclose.

Grin, Paul: Dr. Paul Grin has nothing to disclose.

Hutchinson, Susan: Dr. Susan Hutchinson is a consultant for Allergan, Inc., Alder Bio, Amgen, Inc., Avanir, electroCore, Eli Lilly, Pernix Therapeutics, Supernus, and Teva Pharmaceuticals. She is also on the Speaker's Bureau for Allergan, Inc., Avanir, Pernix Therapeutics, and Supernus

Johnston, Mollie: Dr. Mollie Johnston has nothing to disclose.

Lane, Judy*: Dr. Judy Lane has nothing to disclose.

Levin, Morris: Dr. Morris Levin has nothing to disclose.

Lovell, Brigitte: Dr. Brigitte Lovell is a consultant for Amgen, Inc. She is also on the Speaker's Bureau for Amgen, Inc., Avanir, and Pernix Therapeutics.

McGeeney, Brian: Dr. Brian McGeeney is a consultant for Alder Bio, Promius Pharma, LLC, and Pernix Therapeutics. He is also a stock shareholder in Pfizer, Inc.

Mogil, Jeffrey: Dr. Jeffrey Mogil has nothing to disclose.

Newman, Lawrence: Dr. Lawrence Newman is a consultant for Allergan, Inc., Amgen, Inc., Alder Bio, Eli Lilly and Company, Teva Pharmaceuticals and Supernus. He has also received honoraria; Allergan, Inc., Amgen, Inc., Alder Bio, Eli Lilly and Company, Teva Pharmaceuticals and Supernus.

Olesen Jes: Dr. Jes Olesen has nothing to disclose.

Rapoport, Alan: Dr. Alan Rapoport is a consultant for Acorda, Amgen, Inc., Avanir, Depomed, electroCore, LLC, Promius Pharma, LLC, Impax Laboratories, Eli Lilly and Company, Pernix Therapeutics, Teva Pharmaceuticals, and Zosano. He is also on the Speaker's Bureau for Avanir, Depomed, and Pernix Therapeutics. Off-Label Use: All experimental products I will speak on are unlabeled.

Riordan, Morgan*: Ms. Riordan has nothing to disclose.

Robbins, Lawrence: Dr. Lawrence Robbins has nothing to disclose. Off-Label Use: Most of the treatments for refractory headache are off-label; there have been few RCTs for these approaches.

Schim, Jack: Dr. Jack Schim is a consultant for Allergan, Inc., Avanir, CoLucid, Eli Lilly and Company, Promius Pharma, LLC, Upshire-Smith, electroCore, and Pernix Therapeutics. He is also on the Speaker's Bureau for Allergan, Inc., Amgen, Inc., Acorda, Avanir, Depomed, Pernix Therapeutics, Promius Pharma, LLC, Teva Pharmaceuticals, Upshire-Smith. Dr. Schim has received grant/research support from Allergan, Inc., Amgen, Inc., and Teva Pharmaceuticals. He also has received honoraria from Allergan, Inc., Amgen, Inc., Acorda, Avanir, Depomed, Pernix Therapeutics, Promius Pharma, LLC, Teva Pharmaceuticals, and Upshire-Smith. Off-Label Use: onabotulinumtoxinA, verapamil, psilocybin for cluster.

Traino, Maripat*: Ms. Traino has nothing to disclose.

Vargas, Bert*: Dr. Bert Vargas is a consultant for Amgen, Inc., Allergan, Inc., Alder, Avanir, Lilly, Pernix Therapeutics, and Upsher-Smith. He has received honoraria from Amgen, Inc. and Avanir.

Ward, Thomas: Dr. Thomas Ward is the Editor in Chief, Headache: The Journal of Head and Face Pain.

Weeks, Randall: Dr. Randall Weeks has nothing to disclose.

*Planning Committee



**THE ELEVENTH ANNUAL HCOP
WINTER CONFERENCE**

Meeting Information:

Talley Management Group, Inc.

19 Mantua Road, Mt. Royal, NJ 08061



PH: 856-423-7222 X 263

FAX: 856-423-3420

www.hcop.com