



WESTERN NEUROPATHY ASSOCIATION

April 2018
Issue 04
Volume 16

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Neuropathy Hope

Hope through caring, support, research, education, and empowerment

A newsletter for members of Western Neuropathy Association (WNA)

■ RAISING FUNDS FOR BREAKTHROUGH NEUROPATHY RESEARCH

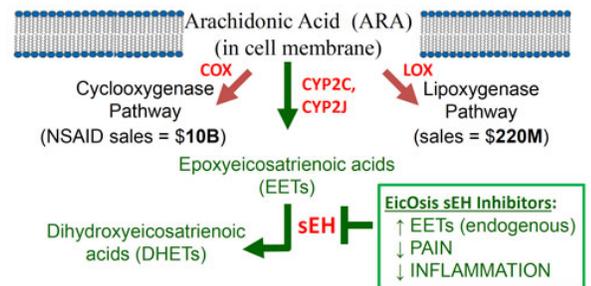
Bruce Hammock, PhD, Professor of Entomology, visited the WNA Neuropathy Support Group in Davis, CA at their January 2018 meeting. He explained his breakthrough pain medication (see the article "Overview Of EicOsis" below) to the group and the process that has to be followed to bring it to market and it can be prescribed. In order to accomplish this, more funding is needed. The addition of private funding would speed up the process considerably. It is WNA's hope that we can make a difference by what we contribute to this fundraising campaign for EicOsis.

Any member may send contributions to this research project to WNA, P.O. Box 276567, Sacramento, CA 95827-6567 or go to www.WNAinfo.com

There is also an opportunity for people to invest in this project. If it does well, they would get a return on their investment, but if not, they wouldn't. It is a gamble as any investment is. Perhaps there are people within the WNA membership who have funds to invest. (See information about contacting Dr. Hammock on page 6. The requested investment amount is \$10,000 or more.)

■ OVERVIEW OF EicOsis

EicOsis Strategic Synopsis: Technology
EicOsis is a start-up biotechnology company in Davis, CA founded by Bruce Hammock, PhD, with the goal of commercializing the therapeutic target he discovered while a professor at UC Davis. The company is developing small molecule inhibitors of the soluble epoxide hydrolase (sEH) – a master regulatory enzyme in the arachidonic acid (ARA) and docosahexaenoic acid (DHA) cascades.



Drugs targeting the ARA cascade comprise a total of 70% of the pharmaceutical market in volume. Our focus is clinical development of a small molecule inhibitor of sEH to treat **diabetic neuropathic pain** as well as neuropathic and inflammatory pain in non human mammals.

ASSETS:

1. **SAFE:** NO gastrointestinal or cardiotoxicity, non-narcotic.
2. **DRUGGABLE COMPOUNDS:** EicOsis has >3,000 chemical library with an IND selected and multiple potential back-ups that are POTENT inhibitors GOOD PK and SIMPLE SYNTHESIS ready for IND enabling work.
3. **KNOWLEDGEABLE DEVELOPMENT TEAM:** Dr. Hammock and scientists in the company discovered the target and therapeutic activity; in addition, Dr. William Schmidt is an expert in pain medicine and will help design successful clinical trials.

4. **SECURE PATENT PORTFOLIO** dominating worldwide intellectual property around this technology in addition to other therapeutic targets that offer potential licensing opportunities.

5. **DEMONSTRATED EFFICACY** in multiple species (rodents, cats, dogs and horses) increase likelihood of success in the clinic

Clinical Case Study: Laminitis

The lead animal health drug from EicOsis was used in the treatment of horses suffering from laminitis. This disease is 60 - 70% fatal in severe cases and can result from equine metabolic syndrome in addition to injury. Laminitis is extremely painful and is difficult to treat because it results from a swelling of the lamina inside the hoof. Hulahalla, a 3 year old thoroughbred filly, developed acute laminitis in both front feet. She was treated with the standard

– Continued on page 6

WESTERN
NEUROPATHY ASSOCIATION
P.O. Box 276567
Sacramento, CA 95827-6567
877-622-6298
888-556-3356
info@WNAinfo.org
www.WNAinfo.org

April 3 Last Day To Register For The Annual Conference On April 17, 2018.

Roster of Our WNA Information and Support Groups

2018 WNA Board of Directors

Bev Anderson
President

Karen C. Polastri, IOM
Vice President

Darrell O'Sullivan
Secretary/Treasurer

Anne Bentz
Director

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Director

Brad Livingood
Director

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Director

Emeritus Council

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Emeritus

Johnathan Istilart
Emeritus

Sandra Vinson
Emeritus

Dick Ward
Emeritus

**Please contact
your group leader
or check your
local paper to
find out about
the topic/speaker
for the upcoming
meeting.**

Bev Anderson
Editor

Newsletter Design by

 **Diane Blakley
Designs**

CALIFORNIA

Antioch-Brentwood

3rd Wednesday, 2 PM (odd numbered months)
Antioch-Kaiser, Deer Valley Rooms 1 & 2
Marty Price (925) 626-7988

Auburn

1st Monday, 11 AM
Woodside Village MH Park
12155 Luther Road
Sharlene McCord (530) 878-8392
Nov. Speaker: Bev Anderson, WNA President

Berkeley-Oakland

3rd Wed., 3-4 PM
North Berkeley Senior Center
1901 Hearst Ave.
Kathleen Nagel (510) 653-8625

Carmichael - Atria

Atria - Carmichael Oaks
8350 Fair Oaks Boulevard
For information, call:
Ryan Harris 916-342-8440

Castro Valley

2nd Wednesday, 1:30 PM
First Presbyterian Church
2490 Grove Way (next to Trader Joe)
Joy Rotz (510) 842-8440

Concord

3rd Thursday, 1:30 PM
First Christian Church
3039 Willow Pass Road
Wayne Korsinen (925)685-0953

Costa Mesa

3rd Wednesday, 10:00 AM
Call Martha Woodside
949-573-0056 for the location

Davis

2nd Tuesday, 3:30-5:00 PM
Davis Senior Center, 646 A Street
Mary Sprifke (530) 756-5102

Elk Grove

2nd Tuesday, 1 PM
Elk Grove Senior Center
8830 Sharkey Avenue
Roger White (916) 686-4719

Folsom

1st Thursday, 12:30 PM (odd numbered months)
Burger Rehabilitation
1301 E. Bidwell St., Folsom
Bev Anderson (877) 622-6298

Fresno

3rd Tuesday, 11:00 AM
Denny's Restaurant
1110 East Shaw
Bonnie Zimmerman (559) 313-6140

Grass Valley

2nd Monday, 1:30 PM
GV United Methodist Church
236 S. Church Street
Bev Anderson 877-622-6298

Livermore

4th Tuesday, 10 AM
Heritage Estates, 900 E. Stanley Blvd.
Lee Parlett (925) 292-9280

Merced

2nd Thursday, 1 PM
Central Presbyterian Church
1920 Canal Street
(The Hoffmeiser Center across the street from
the church)
Larry Frice (209) 358-2045

Modesto

3rd Monday, 10:30 AM
Trinity United Presbyterian Church
1600 Carver Rd., Rm. 503
Ray (209) 634-4373

Monterey

3rd Wed., 10:30 AM (odd numbered months)
First Presbyterian Church
501 El Dorado Street
Dr. William Donovan (831) 625-3407

Napa

1st Thursday, 2 PM
Napa Senior Center, 1500 Jefferson St.
Ron Patrick (707) 257-2343
bonjournapa@hotmail.com

Placerville

2nd Wednesday, 1 PM
El Dorado Senior Center
937 Spring Street
John McCoy (530) 642-8511

Redwood City

4th Tuesday, 1 PM
Sequoia Hospital Health and Wellness Center
749 Brewster Avenue
Danielle LaFlash (415) 297-1815

Roseville

2nd Wednesday, 1PM (odd numbered months)
Sierra Point Sr. Res., 5161 Foothills Blvd.
Stan Pashote (916) 409-5747

Sacramento

3rd Tuesday, 1:30 PM
Northminster Presby. Church
3235 Pope Street
Charles Moore (916) 485-7723

San Francisco

New leadership needed.
No meetings for now.
Contact for information
Bev Anderson (877) 622-6298

San Jose

3rd Saturday, 10:30 AM
O'Conner Hospital, 2105 Forest Avenue
SJ DePaul Conf. Rm.
Danielle LaFlash (415) 297-1815

San Rafael

New leadership needed.
No meetings for now.
Contact for information
Bev Anderson (877) 622-6298

Santa Barbara

4th Saturday, 10AM (odd numbered months)
St. Raphael Catholic Church
5444 Hollister Ave., Conference Room
Shirley Hopper (805) 689-5939

Santa Cruz

3rd Wednesday, 1PM (odd numbered months)
Trinity Presbyterian Church
420 Melrose Avenue
Mary Ann Leer (831) 477-1239

Santa Rosa

1st Wednesday, 10:30 AM
Santa Rosa Senior Center
704 Bennett Valley Road
Judy Leandro (707) 480-3740

Thousand Oaks - Westlake Village

2nd Monday, 2:30 - 4 PM
United Methodist Church of Westlake Village
1049 S. Westlake Blvd.
Angie Becerra (805) 390-2999

Walnut Creek

4th Friday, 10 AM
Rossmoor, Hillside Clubhouse
Vista Room
Karen Hewitt (925) 932-2248

NEVADA

Las Vegas

3rd Thursday, 1 PM
Mountain View Presbyterian Church
8601 Del Webb Blvd.
Barbara Montgomery (818) 400 0296

OREGON

Grants Pass

3rd Wednesday, 2:00 PM
Club Northwest
2160 N.W. Vine St.
Carol Smith (541) 955-4995

For information on groups in the following areas or any other place you are interested in finding out about a support group, call Bev Anderson at (877) 622-6298. She is actively trying to open new groups and re-open closed groups. Check with her about a group in your area especially if you would volunteer to be the leader.

California: Alturas, Bakersfield, Clearlake, Crescent City, Eureka, Fort Bragg, Garberville, Jackson, Lakeport, Lincoln, Lodi, Madera, Mt. Shasta, Oxnard, Quincy, Redding, Salinas, San Francisco, Santa Maria, Sonoma, Sonora, Stockton, Susanville, Truckee, Tulare-Visalia, Turlock, West Sacramento, Weed, Ukiah, Woodland, Yreka, Yuba City-Marysville. **Nevada:** Reno-Sparks. **Oregon:** Brookings, Medford, Portland, Salem.

President's Message By Bev Anderson



This is the issue where we include an annual report of the previous year. Our bookkeeper, Tammy Hitchcock, put together a graphic representation of how our money is utilized. I put together a list of accomplishments this past year. It was a busy year. One never gets done everything planned nor does it often go the way you expect. Sometimes, it's better. Other times it's not.

I'm excited about our campaign to raise funds for the clinical human trials for the pain medication Bruce Hammock and associates have developed. I've watched the videos of the cat that can't get into its litter box and with one dose of the medication for cats, it has no trouble at all doing so. I've also seen the horse video and see the horse get up and move around. I think there is more than pain and inflammation involved in what happens. I'm anxious to see what happens with neuropathy patients. They will test it with diabetic neuropathy as almost all trials seem to do. It is because they think this gives a level playing field as they avoid the many variations this way. However, we know that many with diabetes have neuropathy from other causes. When the medication comes out, it is good for all types of neuropathy to try. I think for many people, it may seem like a cure. If it does away with the pain and inflammation, that is a large part of the symptoms PN sufferers have. It is specific to neurological concerns so there may be other neurological concerns like fibromyalgia helped a great deal as well. I plan to make a contribution I can financially manage and I hope you do too. Wouldn't be a great feeling to have participated in helping get a pain medication to market if it turns out to do as much for humans as it is doing for animals? If you would like the information for investors contributing \$10,000 or more, let me know and I can e-mail it to you. Or you can contact Bruce Hammock, Ph.D., at the address given.

Space ran out this month for an article on a rare form of neuropathy that more people may have than is now known. It will give me time to do more research on it before next month. Angie Becerra, Leader of our group in Westlake Village near Thousand Oaks, is having a demonstration of the calmare (scrambler) machine at her meeting this month. I hope to carry an article on what they experienced next month, too. This machine is supposed to give an impactive treatment for neuropathy. The doctor bringing the machine will do two treatments during his presentation.

If you are not signed up for this year's Annual Conference on April 17, don't wait much longer. We need to know by April 3. If we go over capacity, we'll have to let late registrants know there is no room. The information and registration form is on Page 7.

Bev

DAVIS SUPPORT GROUP JANUARY NOTES By Mary Sprifke

'All it takes is an inquiring mind' might sum up how Bruce Hammock PhD's studies in entomology led from simple curiosity about how caterpillars turn into butterflies to an in-depth study of enzyme chemistry pathways.

In a casual, round-table setting, Bruce shared how and why his research ended up addressing suppression of pain in animals and humans. His low-key personality coupled with a razor intellect brought success in engaging collaboration from chemistry, veterinary school, biological sciences and entomology disciplines at UC Davis. Today he has two laboratories and a new compound in clinical trials.

Triggered by how insecticides affected butterflies, he found that the same enzyme controls larva, pregnancy, birth and pain. This holds true for plants and mammals as well. While aspirin and Ibuprophen follow similar chemical lines, they are subject to pressures from other sources.

'Nothing in biology is a straight line.' But he found an "off" button by stabilizing the mechanics of reducing pain, inflammation and blood pressure. With big pharma already generally successful in blood

pressure control, he focused on antiinflammatory and nerve-generated pain) e.g., arthritis/toothache/sciatica. Years of testing and retesting have concentrated his research on diabetic nerve pain in humans and Laminitis (a form of diabetes) in horses.

He told the story of Triple Crown winner Seattle Slew's granddaughter, Huahulala. At UCD she contracted the disease and had been near death. The school allowed Dr. Hammock to administer his experimental drug. After three hours she was on her feet, and years later she still teaches riders at the Equestrian Center. He went on to treat ten more horses, with eight being cured.

Arthritis pain is the same as neuropathic pain. Models for both show the drug works better than non-steroidals without a side effect of internal bleeding. Lyrica (Pregabalin) is a standard now.

The new drug is about 300 times more potent. Rat studies showed Lyrica caused them to fall off of a balance beam; the compound study rats did fine. Mobility was reduced by 90% in Lyrica rats. UC hospital administers it only at night due to dizziness and falling. Gabapentin is used to help with sleep at UCD.

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Help With Health Care Challenges

If the number is not in your area, call the one listed and ask for the right number.

Medicare

www.Medicare.gov

...

The Affordable Health Care Act

For current information go to www.HealthCare.gov

...

HICAP

Health Insurance Counseling

for seniors and people with disabilities.

www.cahealthadvocates.org

/HICAP/

Call (800) 434-0222 to ask a question or to make an appointment.

...

Health Rights Hotline

Serving Placer, El Dorado, Yolo, & Sacramento Counties, regardless where you receive your health coverage.

Tollfree (888) 354-4474 or TDD (916) 551-2180.

In Sacramento, (916) 551-2100.

www.hrh.org.

...

HMO Help Center

Assistance

24 hours a day, seven days a week.

(888) HMO-2219

or (877) 688-9891 TDD

...

DRA's Health

Access Project Free publications about the health care, insurance rights and concerns of people with disabilities and serious health conditions. For more information, go to <http://dralegal.org/> and click on "Projects".

DISCOUNTS FOR WNA MEMBERS

The following companies or individuals have agreed to give WNA a discount to WNA members. Give them a call or visit. If you choose to purchase the service or wares of any on this list, pull out your WNA Membership Card and claim the discount.

Anodyne Therapy

Infrared Light Therapy equipment - **\$50 off Model Freedom 300 (single leg at a time) and \$50 discount on Model 120 that does both legs at the same time.** Contact: 800-521-6664 or www.anodynetherapy.com

HealthLight Infrared Light Therapy equipment

- **10% off Single Boot System and Dual boot system.**

Contact: 888-395-3040 or www.healthlight.us

Auburn

The Footpath

825 Lincoln Way
(530) 885-2091
www.footpathshoes.com
WNA Discount: 10% off the regular price shoes.

Elk Grove

Shoes That Fit

8649 Elk Grove Blvd.
(916) 686-1050

WNA Discount: 20% off the regular price shoes.

Fortuna

Strehl's Family Shoes & Repair

Corner of 12th & Main
1155 Main Street
(707) 725-2610

Marilyn Strehl, C.PED is a Certified Pedorthic
WNA Discount: 10% off the regular price shoes.

West Sacramento

Beverly's Never Just Haircuts and Lilly's Nails

2007 W. Capitol Ave
Hair - (916) 372-5606
Nails - (916) 346-8342

WNA discount: 10% off the regular price.

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DR. HAMMOCK ANSWERS EDITOR BEV ANDERSON'S QUESTIONS

The soluble epoxide hydrolase inhibitors (sEHI) we work on are neither opiates nor nsoids. Karen Wagner, PhD, who is speaking at the April 17 Conference, has shown that the sEHI do not cause addiction. Unlike gabapentin and pregabalin or Lyrica we get efficacy without loss of coordination, mobility or cognition. The sEHI work even better if used with nsoids like Advil and block the cardiovascular and GI erosion of nsoids.

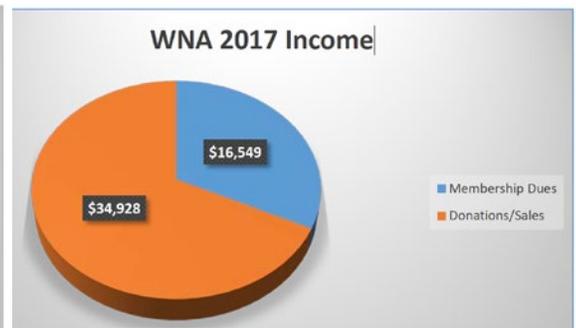
Bill and I are on some of the committees of the NIH on opiate abuse. We are both worried that they are moving to restrict these drugs before alternatives are available. When I talk to a number of pain doctors they say their best success is multimodal using diet, exercise, physical therapy, acupuncture, etc. but almost always with a pharmaceutical. I hope we do not restrict these drugs in ways that fail to solve the addiction problem while limiting patients with pain.

So, the sEHI are not opiates, not nsoids and are strong

pain relievers. It frustrates me also that they are not available yet. We thought phase I would have been finished in 2016. However, the NIH who funds us is required to move in a sequential fashion. If we had funding we could dramatically speed the progress. Their current schedule is to initiate the phase I study in early 2019. With independent funding we can work in parallel to the NIH project. (We want it available yesterday and the ongoing stall of human trials is driving us crazy. Is there any chance even Phase I will happen this year?)

We want it to, but NIH plans it for early 2019. (How long will that take before Phase II can start?)

It normally takes a couple of months to run the trial and a couple of months to analyze the data. Luckily, Bill Schmidt with EicOsis is a world expert in trial design for pain. Yes, the lack of funding is slowing us.



2017 ANNUAL REPORT OF THE WESTERN NEUROPATHY ASSOCIATION

2017 was a busy and productive year. Announcing the 2017 Annual Conference in December 2016 reached our goal of announcing it before the beginning of the year so people could plan. It featured Yuen So, MD, PhD – Professor, Neurology & Neurological Sciences; Associate Chair, Clinical Services; Chief, Neurology Clinic; Stanford University Medical Center outstanding neurologist at Stanford University Medical Center; Kyle Fink, PhD – Assistant Adjunct Professor, Neurology and Institute for Regenerative Cures, UC Davis School of Medicine – Stem Cell Program; and Bruce D. Hammock, PhD – Distinguished Professor Department of Entomology & UCD Comprehensive Cancer Center, Director, NIEHS-UCD Superfund Research Program PI, NIH Biotechnology Training Program

The truck pickups of usable items to sell at thrift stores continued to our financial benefit and that of all our members and attendees. The lead person in this is a longtime member with neuropathy who is a retired CPA. His son is also active in this operation. They now have two thrift stores called Thrifty Bargain. Many of you have had the trucks in your area but if you live south of Sacramento County,

in rural areas where houses are far apart, or on the coast, you likely have not. The financial help added to that which members and others donate has been a special help.

Our special project to get *Peripheral Neuropathy & Neuropathic Pain - Into the Light* by Gerard Said, MD FRCP, into the hands of neurology residents who are being trained to be neurologists continued with a delivery to U.C. Davis. Two more sets are ready to go and will be shipped or delivered soon. Further effort to develop the funding for the rest of the list continues. We find that medical schools average 10 slots for residents each year. The program is three years long so at any one time, there are likely 30 neuropathy residents. If the school also trains neuromuscular neurologists, there are some in a fourth year program. A few medical schools double that number.

A review and development of policies for the Western Neuropathy Association was completed by the Board this year. This is a time consuming activity, but necessary for the smooth operation of the corporation. Situations come up fairly regularly which require a policy or a listing in the Standing Rules to aid in decision making.

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WNA participated in the Big Day of Giving which is a regional program centered in the Sacramento area, but we involve all those associated with WNA. In 2017, we also took steps to participate in Giving Tuesday which is a nationally advertised program in November.

Pam Hart developed the PR campaign of "Soap in our Socks" after the recommendation of a bar of soap at the foot of the bed might help keep our feet more comfortable at night. She produced it with cute baby socks and a tiny bar of soap. We gave them out to people who visited our booth at the Occupational Therapy Association of California Conference and at others. We also distributed sensitivity testers for people to check the feet of friends as to whether they might have neuropathy. It was for Neuropathy Month in May but it was fun other times of the year as well.

We purchased a new machine to make DVDs as the old one expired. The videos from last year's conference experienced some editing and formatting problems. They are almost ready. Four people attended the all day Summit presented by the Placer Community Foundation for area non profit organizations. Because WNA was started in Auburn in Placer County, we have two support groups there and three Board members who live in the county, that qualify.

The Group Leaders honored at the conference were: Roger White – Elk Grove, Scott Stokes – San Rafael, Mary Ann Leer – Santa Cruz, Larry Metzger – Santa Rosa.

We added some Board members and lost some due to life changes. Dr. William Donovan was added to our list of Medical Advisors. Our website was reviewed and updated. Each support group will soon have a page they can update by sending a note to Lindsay in the office.

In October, the Board members ran a booth at the Occupational Therapy Association of California's Annual Conference at the Convention Center in Sacramento. Odd numbered years, it is in Sacramento. Even years, it is in Pasadena. There were over 1,000 registrants. The Exhibit Hall was filled with exhibits and activities.

We offered to send the newsletter to any doctor who

any member or attendee asked us to if the doctor had agreed to receive it. Some people responded. We hope more doctors will be getting it in 2018.

We answered an average of over 50 calls for information and referral each month and in addition sent e-mails to many who contacted us by e-mail.

Two new support groups were started in Westlake Village – Thousand Oaks, CA and Las Vegas, NV.

New technological tools were discussed in relation to YouTube videos and web cams. We also plan to make a new Public Service Announcement video.

Goals for 2018:

- Add at least two more to the Board of Directors.
- Find leadership for new support groups that are needed and asked for.
- Develop a team that can videotape, edit, and submit material for DVD production.
- Expand the number of paid members.
- Expand the number of people who support WNA with donations.
- Expand the number of people who contribute monthly.
- Continue our book distribution to medical schools training neurologists.
- Continue to work with Bruce Hammock, PhD, and his team to be there when the research/product is approved for prescriptions – making a major difference in the treatment of pain, trusting it will help us as well as people around the world.
- Continue to respond to and talk with people who call for information or referral.
- Continue to review and respond to the requirements of our Strategic Plan.
- Be more focused in what we can do for Neuropathy Week in May.
- Announce the 2019 Annual Conference five months in advance. It will be in a different location as it has been our custom to stay in a location for two years and then move.

DISCOUNTS FOR WNA MEMBERS

Continued from page 4

Neuropathy Support Formula

(1-888-840-7142) is a supplement that a sizable number of people are taking and reporting it has helped them. The company gives members of WNA a discount and free shipping. The 30-day supply is \$40 (normally \$49.97). It can be auto-shipped monthly for the same. A 3-month supply via auto-ship is \$95.00. They also have a Nerve Repair Optimizer that is available for \$20 with free shipping. Marsha, the manager, said that if anyone wants more information about the product, they can call and ask for her. If she is not readily available, leave your number and she will call you back.

Additional Discounts

Do you know a business that might offer our members a discount? Tell them that they will be listed each month in our newsletter and on our website so our members will know of their generosity and patronize their business. Call (877) 622-6298 or e-mail info@pnhelp.org.

We'll mail an agreement form to the business, and once we have it, we'll add them to this list.

Davis Support Group January Notes - Continued from page 3

How is it made? They created 3000 analogs (variations on a basic theme) focusing on optimal variables – e.g., Is it potent? Will it last long enough? They do their own chemical and pharmacology at UC Davis. New small company in Davis, EicOsis, is located in Davis with another laboratory nearby. They have a small staff and have now obtained patents from UCD. Angel investors (kayakers) are one group and two graduates are affiliated

with the National Institute of Health. After receiving two small business grants, NIH funded \$6 million to move through a Phase I human clinical trial, to be completed in about 9 months. They rely almost exclusively on private investors. For horses, they hope to have results of toxicology studies in about 18 months. For humans, the target will be an oral drug.

Overview of EicOsis - Continued from page 1



of care, including NSAIDs and Neurontin, without success. Her condition deteriorated, blood pressure was approaching fatally high levels, and she refused to stand (left photo above).

Humane euthanasia was the remaining option when the sEH inhibitor was given. Within 3 hours she was able to stand (right photo above). Her pain and blood pressure decreased progressively and in three days her gait and blood pressure were normal. The compound was discontinued with Hulahalla running normally.

After 18 months, there has been no reoccurrence of laminitis, and no signs of adverse effects.

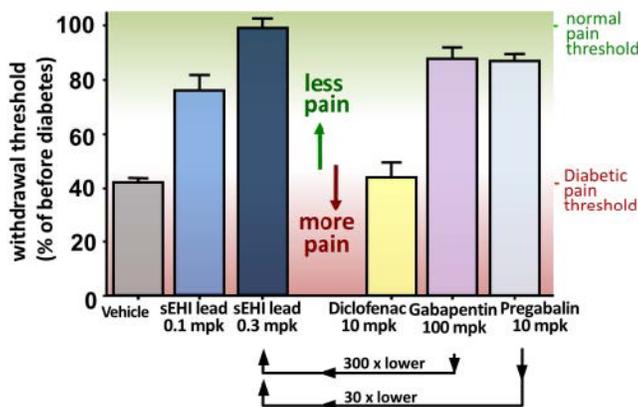
EicOsis Strategic Synopsis: Business

EicOsis is seeking funds to advance research efforts and file an NDA in animal health and to advance the human health program through Phase II clinical trials.



EicOsis is a unique investment opportunity in the biotechnology space because the technology was advanced with non-dilutive government funded grants. This leveraging of research support offers investors a much faster return on investment than typical start-up biotech companies.

HUMAN HEALTH



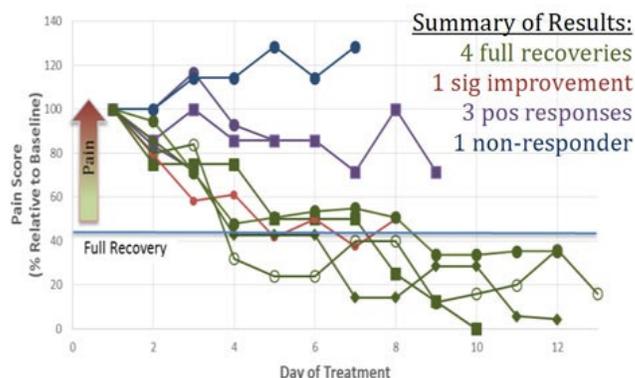
Company goals:

Complete Phase II clinical trials for diabetic neuropathic pain and partner for further development.

Current fundraising status: \$6M raised in non-dilutive funds to advance compounds through Phase I clinical trials
Research highlights: selected a lead candidate and back-up compound that are potent, orally active and a non-narcotic analgesics that do not adversely affect the brain, gastrointestinal tract, or cardiovascular system.

Proof of concept intervention study with EicOsis compound.

All 9 horses were considered terminal before treatment



COMPANION ANIMAL

Company goals:

Develop a novel small molecule inhibitor to treat pain in horses, cats and dogs.

EicOsis Equine Health:

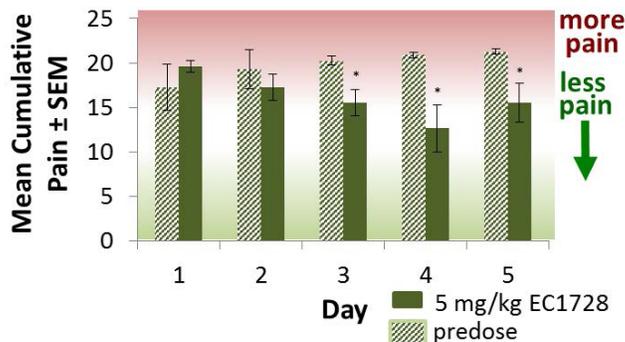
Current fundraising status: \$1M in non-dilutive funds

Research highlights: Nine horses have been treated with lead compound and established efficacy justification to file NADA with FDA for continued development.

EicOsis Companion Animal

Research highlights: research on-going to treat naturally occurring arthritis in dogs. Initial study results show that EicOsis Animal Health Compound significantly reduced arthritis pain in dogs.

1728 alleviates arthritic pain in dogs



For more information contact Bruce D. Hammock, CEO, EicOsis LLC, Davis CA USA, (530) 752-7519 office, (530) 752-8465 message, (530) 752-1537, bdhammock@eicosis.com



WESTERN NEUROPATHY ASSOCIATION

Hope through caring, support, research, education, and empowerment
Our mission is to provide support, information and referral to people with neuropathy and to those who care about them, to inform and connect with the health care community, and to support research.

Western Neuropathy Association 2018 Annual Conference

Date: Tuesday, April 17, 2018

Time: 9:30 AM to 3:30 PM

**Pre-register By:
Tuesday, April 3, 2018**
Seating is limited. Must register in advance.

Registration Fee: \$25.00

**Location: UC Davis Mind Institute
UC Davis Medical Center
2825 50th Street, Sacramento, CA**

**Questions?
Toll-free: (888) 556-3356
E-mail: lindsayc@pnhelp.org**

New Help for Neuropathy Patients

9:30am **Registration check-in** (must register in advance; limited seating)
Morning snacks and coffee included

10:00am **Announcements and Introductions**

10:30am **Fredric Gorin, M.D., Ph.D.** – Professor and Chair, UC Davis Department of Neurology
He will talk about neuropathy, treatment, and new neurologists due in a few months to expand and enrich the opportunities for neuropathy patients at U.C. Davis. There will be time for Q & A.

Noon **Catered Lunch** (included with registration)

1:00pm **Ricardo Maselli, M.D.** – He will present the SUDOSCAN machine that is available at U.C. Davis Medical Center used by physicians and neurologists in the area to diagnose autonomic and small fiber neuropathy. This will give all an opportunity to learn about this new innovative technology.

2:00pm **Karen Wagner, Ph.D.** – Postdoctoral Reasearcher, Hammock Laboratory/UC Davis
She will provide a report from Bruce Hammock, Ph.D., on the latest information on his research project on neuropathic pain and describe her role in the project. (Dr. Hammock will be traveling in relation to what we hope will be Phase I Human Trials for neuropathy medication.) Dr. Wagner earned her Ph.D. in pharmacology and toxicology from UC Davis.

3:00pm **Closing Activities**
Evaluations • Door Prizes and Silent Auction • Closing Announcements

Sponsor



Mail registration fee and form to:

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WESTERN NEUROPATHY ASSOCIATION

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WNA ANNUAL CONFERENCE

April 17, 2018 • 9:30 AM – 3:30 PM

THE MIND INSTITUTE

UC DAVIS MEDICAL CENTER in SACRAMENTO

\$25 per person. Registration form on page 7 of this newsletter or register online at www.WNAinfo.org – Registration includes morning snacks, lunch, and all-day beverages.

THERE'S STILL TIME TO REGISTER!

COMING EVENT

12th Annual “Neuropathy Action Awareness Day”

Friday, June 22, 2018

Intercontinental Hotel

Los Angeles/Century City Hotel

2151 Avenue of the Stars

Los Angeles, CA 90067

Registration Information in next newsletter.



Western Neuropathy Association (WNA)

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tax-exempt corporation.

Bev Anderson, Editor

P.O. Box 276567

Sacramento, CA 95827-6567

(877) 622-6298 ■ (888) 556-3356

info@WNAinfo.org ■ www.WNAinfo.org

WNA Headquarters: admin@WNAinfo.org

Our mission is to provide support, information and referral to people with neuropathy and to those who care about them, to inform and connect with the health care community, and to support research.

Dues - \$30 a year

All contributions and dues are tax-deductible.

We are supported by dues-paying members, contributions by members and friends, and occasionally, small grants and fundraisers.

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