NANS2-NIC: A Joint Meeting  
June 25-29, 2016 – Baltimore, MD  
Program Addendum

Agenda

Monday, June 27

Noon – 1:30 pm  
Harborview Ballroom  
Clinical Data and The Science Behind High Frequency Spinal Cord Stimulation  
Lunch Sponsored by NEVRO

Tuesday, June 28

7-8 am  
Continental Breakfast

8-9:30 am  
Chesapeake Ballroom  
Closed Loop DBS for Depression: Advantages, Disadvantages, and Design Considerations (PL08)

8:05-8:30 am  
Interactive Strategies to Refine and Optimize DBS for Depression: Is a Closed Loop System the Critical Next Step?  
Helen Mayberg, MD

8:30-8:55 am  
Closed-Loop DBS: Lesson from Brain-Computer Interfacing  
Alik Widge, MD PhD

8:55-9:20 am  
Identifying Network Level Targets for Closed Loop DBS in Depression  
Heather Dawes, PhD

9:20-9:30 am  
Q&A  
Eran Klein, MD PhD

9:30-9:45 am  
Break with Exhibitors and Posters

9:45-11:30 am  
Chesapeake Ballroom  
Autonomic/Peripheral Neuromodulation Devices: Existing and Emerging Therapies (PL09)

9:45-9:50 am  
Introduction  
Eugene Civillico, PhD

9:50-10:05 am  
Recent Clinical Landscape for Deployment  
Eugene Civillico, PhD

10:05-10:20 am  
Hypoglossal Nerve Stimulation: A New Implanted Neuromodulation Treatment for Obstructive Sleep Apnea  
Quan Ni, PhD

10:20-10:35 am  
GSK-Autonomic Nerve Interface Roadmap  
Daniel Chew, PhD

10:35-10:50 am  
Dorsal Root Ganglion Stimulation: The Past, the Present, and the Future  
James Fitzgerald, PhD

10:50-11:30 am  
Q&A  
Douglas Weber, PhD  
Kip Ludwig, PhD

1-2 pm  
Chesapeake Ballroom  
B1: Regulatory Assessments for Neural Interfaces (B01)

1-1:45 pm  
Lost in Translation? A Discussion of Present and Future Nonclinical and clinical Assessments for Devices Incorporating Neural  
Moderator: Eugene Civillico, PhD

1-1:05 pm  
Introduction  
Eugene Civillico, PhD

Speakers  
1:05-1:25 pm  
Eric Lovett, PhD

1:25-1:45 pm  
Quan Ni, PhD

1:45-2 pm  
Q&A  
Eugene Civillico, PhD

1-2 pm  
Loch Raven  
B2: SBIR/STTR Funding in Neural Engineering (B02)

1-1:45 pm  
Competing Effectively for SBIR/STTR Funding in Neural Engineering  
Moderator: Patrick Rousche, PhD

1-1:05 pm  
Introduction  
Patrick Rousche, PhD

Speakers  
1:05-1:20 pm  
Stephanie Fertig, MBA

1:20-1:35 pm  
Mark Lehmkuhle, PhD

1:35-1:50 pm  
Timothy Wagner, PhD

1:50-2 pm  
Q&A  
Patrick Rousche, PhD
Wednesday, June 29

12:30-1:30 pm
Chesapeake Ballroom
B3: Maximizing the Value of Neural Interface Data (B03)
Moderator: Richard North, MD

2:30-4:15 pm
Chesapeake Ballroom
Development of an Optimal Somatosensory Neural Interface (PL10)
Moderator: Lee Miller, PhD

2:59-3:17 pm
All-Optical Manipulation and Interrogation of Mouse Visual Sensory Circuits
James Marshel, PhD

3:17-3:30 pm
Q&A
Lee Miller, PhD

3:30-3:45 pm
Break with Exhibitors and Posters

3:45-3:50 pm
Introduction
Florian Solzbacher, PhD

3:50-4:15 pm
Big Is Just the Beginning: The Challenges of Heterogeneous Neural Data
Zachary Ives, PhD

4:15-4:40 pm
Visual Exploration for Situational Awareness
Yarden Livnat, PhD

4:40-5:05 pm
Scaling Neural Interface Hardware to 1,000 Channels and Beyond
Shawn Kelly, PhD

5:05-5:15 pm
Q&A
Florian Solzbacher, PhD

5:30-8 pm
Harborview Gallery, Severn Room, Potomac Room
Poster Session 2 (Non-CME)

Disclosures

The Congress of Neurological Surgeons controls the content and production of this CME activity and attempts to assure the presentation of balanced, objective information. In accordance with the Standards for Commercial Support established by the Accreditation Council for Continuing Medical Education, speakers are asked to disclose any relationship they have with commercial companies that may be related to the content of their lecture.

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9. Royalty
10. Other
11. Honoraria

Eric G. Lovett, PhD
Salary – Sunshine Heart, Inc. (10)
Ownership Interest – Sunshine Heart, Inc. (10)

Girish Kumar, PhD
Fred Lenz, MD PhD
James H. Marshel, PhD

Nothing to Disclose

The following individuals have disclosed that they do not have a relationship with commercial companies whose products may have a relevance to their participation in the meeting. Faculty who are also considered Planners are designated by P.