



November 2018 News

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Who Are We?

Each month, we are highlighting a member of our editorial board. As we introduce ourselves, we are adding hyperlinks from the list of board members at the end of this email to the previous newsletter where the board member was featured. This month, we are featuring Thomas Abell, MD, our gastric electrical stimulation editor.



Thomas L. Abell is a gastroenterologist with a specialty in GI motility disorders. Dr. Abell has practiced in the mid-South for 30 years and occupies the Arthur M. Shoen, MD, Chair in Gastroenterology at the University of Louisville. He is interested in all aspects of gastrointestinal motility, especially the treatment of nausea and vomiting with low energy and high frequency electrical stimulation, which his team in Memphis pioneered and which has been advanced at medical schools in Arkansas, Mississippi, and Kentucky.

Dr. Abell is the founder of ADEPT-GI and has developed techniques for the endoscopic implantation of GI neuromodulation devices. He has applied electrical mapping and full thickness biopsies to the GI tract and is investigating proteomics, metabolomics, and genomics related to GI motility disorders. His work has received funding from the NIH Gastroparesis Clinical Research Consortium and the NIH Diabetic Complications Consortium as well as support from several private foundations and from industry.

Dr. Abell is particularly interested in predictors of the response to electrical stimulation, whether delivered by low- or high-energy devices, and in their mechanisms of action throughout the body. In addition to his contribution to WIKISTIM, Dr. Abell is GI editor for MedStudy, GI neurostimulation editor for *Neuromodulation*, a reviewer for UpToDate, and a former President of the Kentucky Society for Gastrointestinal Endoscopy.

Dr. Abell was the driving force behind the addition of our GES section, and his enthusiastic support of WIKISTIM has included contributions to our annual fund-raising drive as well as continued help developing and maintaining his section.

Thank You to Nuvectra

We were pleased this month to receive a grant from Nuvectra. Such support allows us to continue to develop WIKISTIM and reinforces our belief that others share our vision and belief in the inherent value of this free resource—a value that will only increase as we make improvements and add completed datasheets.

WIKISTIM Paper in *Neuromodulation*

This week, we received proofs of our paper *WIKISTIM.org: An On-line Database of Published Neurostimulation Studies*, which will be the first to appear under the new heading “Neuromodulation Resources.” We hope that the paper will be live on-line by the time we send out our December 1st newsletter!

We Hear the Cuyahoga Calling

And we’ll be in Cleveland from November 3rd to the 6th for “Neuromodulation: The Science 2018,” hosted by The Cleveland Clinic, where, in addition to attending a host of interesting scientific sessions and promoting WIKISTIM, we will meet Kristl Vonck, MD, PhD, our section editor on DBS for Epilepsy, from Ghent University. We hope to see YOU there too!

For information, email Education@Neurovations.com, call 707.260.0849 or visit <https://www.regonline.com/registration/Checkin.aspx?EventID=2526126>

What Are We Working On?

In the time-honored tradition of starting a project only to realize that successful completion will require work we didn’t anticipate (an oft-frustrating exercise generally referred to as “pulling the string”), we are nearing completion of an overhaul of our data points for all sections to support creation of our new

section on noninvasive brain stimulation. This will, to use another time-honored phrase, kill two birds with one stone because it will make hyper-abstracting data much easier.

New Completed Data Sheet

We thank Nicola Horvath of the Bionics Institute for submitting a completed data sheet for [McDermott H, McKay C. Comment on: Short pulse width widens the therapeutic window of subthalamic neurostimulation. Ann Clin Transl Neurol 2015 2\(10\):984-985.](#)

We, of course, curate WIKISTIM entries to include only papers that report primary data, techniques, and research protocols. In this case, the comment includes data. All three pertinent publications are available online as free full-text links from PUBMED: the original paper, this comment, and the authors' response.

WIKISTIM will become more and more useful as authors format their published data in a way that makes it easy to access and compare across studies.

November 2018 STATISTICS

Membership

In October, we added 17 subscribers, for a total of 781. Thank you for spreading the word!

Number of citations in each section

- DBS 4571, with 2 completed WIKISTIM abstracts
- DRG 85, with 9 completed WIKISTIM abstracts
- GES 472
- PNS 53
- SCS 2231, with 129 completed or partially completed WIKISTIM abstracts
- SNS 906

SUPPORT FOR WIKISTIM 2017-2018

Please consider making a donation via PAYPAL using this [DONATE](#) link or by sending a check to The Neuromodulation Foundation, 117 East 25th Street, Baltimore, MD 21218. Please encourage institutional and corporate sponsors as well. We'd love to add your name and theirs to our list of financial supporters below!

Individual supporters

- Thomas Abell, MD
- James Brennan, MD
- The Donlin & Harriett Long Family Charitable Gift Fund
- Richard B. North, MD
- B. Todd Sitzman, MD, MPH

Industry support

- Boston Scientific
- Nevro
- Nuvectra

Nonprofit support

- The International Neuromodulation Society (publicity and conference registration)
- The Neuromodulation Foundation, Inc. (WIKISTIM's parent organization)
- The North American Neuromodulation Society

CITATIONS ADDED for November 2018

DBS

1. Abejero JEE, Jamora RDG, Vesagas TS, Teleg RA, Rosales RL, Anlacan JP, Velasquez MS, Aguilar JA. Long-term outcomes of pallidal deep brain stimulation in X-linked dystonia parkinsonism (XDP): up to 84 months follow-up and review of literature. *Parkinsonism Relat Disord* 2018 epub <https://www.ncbi.nlm.nih.gov/pubmed/30262378>
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DRG

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GES

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SCS

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SNS

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A REMINDER ABOUT PERSONAL INFORMATION

We ask people to provide an email address and some basic information when they register for WIKISTIM, but we require only the email address. When registrants are kind enough to tell us something about themselves, we can develop a picture of their specialties, the types of places where they work, and where are located. This information can help us improve our services in the future. We never share personal information about our users.

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WIKISTIM includes citations for indications that are or might be considered off-label in the United States.

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