



Triangle BioSystems International

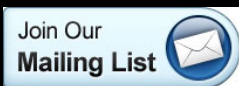
Neuro News

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Upcoming Events

Experimental Biology
 San Diego, CA
 April 3-5
 Booth # 1319

**2nd Annual Spring Conference of
 NC Triangle Chapter - SfN**
 Durham, NC
 April 7

13th Annual Conference of SMTB
 Miami, FL
 April 8-10

Lecture: "Wireless Stimulation and Recording for *in-vivo* Electrophysiology on Freely Moving Animals"



Greetings!

Greetings from Triangle BioSystems International! We would like to celebrate Spring by providing three opportunities to meet us and get more information about the whole range of our products for *in vivo* Electrophysiology! Visit our booth # 1319 at the [Experimental Biology](#) meeting in San Diego, CA (April 3-5th), find us at the [2nd Annual Spring Conference NC Triangle Chapter - SfN](#) in Durham, North Carolina (April 7th), and attend our lecture session on wireless stimulation and neural recording at the [13th Annual Conference of SBMT](#) on Brain, Spinal Cord Mapping and Image Guided Therapy in Miami, FL (April 8-10th). We are always glad to meet you for more interactions and scientific discussion!

Sincerely,

James Morizio, Ph.D.
 Triangle BioSystems International

New Solutions for Behavior and Ephys Integration

The acquisition of Triangle BioSystems International by [Harvard Bioscience](#) builds a new environment for integrating technologies, know-how, and resources; a synergy for creating innovative solutions for Neuroscience research.



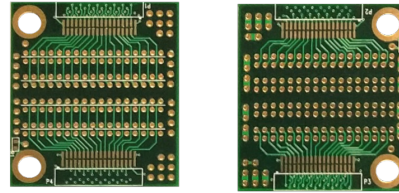
In this context, the combination of experience from the [TBSI](#), [Panlab](#), and [Coulbourn](#) brands opens new possibilities for combining *in vivo* neuronal recording and stimulation with behavioral analysis, especially with video tracking and operant conditioning paradigms.

Ask for more information about our current developments and beta-testing opportunities at support@hbiosci.com.

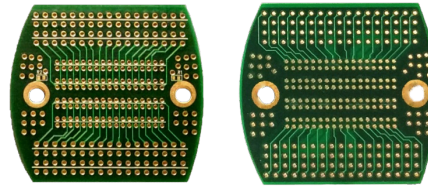
128 channel Electrode Interface Boards

TBSI has designed a variety of [electrode interface boards \(EIBs\)](#) to mate with the [128ch Wireless headstage](#) to facilitate I/O connections to tetrodes, silicon probes and micro wire arrays for rats. The 128 channel headstage has 4 parallel female Millmax 36 pin connectors placed side by side. The new EIBs were designed to mate to these connectors. Some of the new EIBs are shown below:

Part Number: 010-0128-11 EIB - Millmax 128 via holes to 4, Omnetics A9707, 2 on top, 2 on bottom



Part Number: 010-0128-08 EIB - Millmax 128 via holes for tetrodes



Wireless in vivo Neural Recording and Stimulation Session at PITTCON 2016

Thank you for attending our special lecture session held at the PITTCON 2016 conference in Atlanta, GA (March 6-10th)!



Biosensing Devices for Neuron Mapping - Session 2380

Title: Wireless Stimulation and Recording for *in-vivo* Electrophysiology
Author: James Morizio, Ph.D., Triangle Biosystems International

Product Review

TBSI develops neurological research equipment for brain/nerve monitoring, recording and stimulation. Our hardware and software enables the acquisition of action potential signals (spikes) from individual neurons, as well as low frequency field potential signals in wireless and miniature tethered packages. Offering state of the art miniaturized and integrated solutions for a variety of species, TBSI's stand alone software and hardware solutions are available in many configurations and are compatible with many applications.



[TBSI Products](#)

Display Your Claim to Fame

Customer Publications

Are you publishing with TBSI products? We would love to know!

At TBSI, we want to recognize our customers' success and scientific contributions by including their publications on our website ([click here](#)). Occasionally, we will be featuring a new publication as a customer spotlight here in our newsletter.

Send your publications to papers@trianglebiosystems.com.

Two Selected New Publications: Nature Communications & Sensor Networks and Data Communications

Nature Communications:

[Alexander GM, Farris S, Pirone JR, Zheng C, Colgin LL, Dudek SM. \(2016\) Social and novel contexts modify hippocampal CA2 representations of space. Nature communications 7:10300.](#)



International Journal of Sensor Networks and Data Communications:

[Ajam A, Hossain R, Tasnim N, Castanuela L, & Ramos R \(2016\). Handcrafted Microwire Regenerative Peripheral Nerve Interfaces with Wireless Neural Recording and Stimulation Capabilities. Sensor Netw Data Commun, 5\(133\), 2.](#)



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