



Christos Lisgaras, PhD



**HBA-USA Election
Board of Directors 2023-2026**

Professional profile (Expertise, degrees, current position, previous positions)

Christos is a postdoctoral fellow at New York University and the Nathan Kline Institute. Currently, his work focuses on developing novel approaches to treat abnormal electrical activity and memory impairments in epilepsy and in Alzheimer’s disease. To that end he is employing large scale *in vivo* electrophysiology and closed-loop optogenetics to control in real time electrophysiological hallmarks of epilepsy and early-stage Alzheimer’s disease.

New York University and the Nathan Kline Institute for Psychiatric Research Postdoctoral Fellow	2019-
Albert Einstein College of Medicine Postdoctoral Research Fellow in Neurology	2017-2019
University of Ioannina, Greece Ph.D. in Neurophysiology Department of Biological Applications & Technology	2013-2017
University of Ioannina, Greece Integrated Master’s Degree Department of Biological Applications & Technology	2008-2013

Scientific profile (Research interests, publication record, distinctions & awards)

Christos’ research interests are focused on the circuits and mechanisms underlying abnormal excitability in epilepsy and Alzheimer’s disease. His Ph.D. work focused on the contribution of the cholinergic system in developmental epilepsy and his previous postdoctoral work on biomarkers of epilepsy following traumatic brain injury. He is currently developing novel closed-loop protocols in animal models of neuropsychiatric disease with a focus on high frequency oscillations.

Christos has been supported by the Alexander S. Onassis Public Benefit Foundation, the States Scholarships Foundation, the Bodossaki Foundation, the Hellenic Petroleum Group of Companies, the World Hellenic Biomedical Association and the International League against Epilepsy.

Publications: [Google scholar](#)

[LinkedIn](#)

Priorities regarding activities that the HBA-USA should undertake

- Continuation of the Scholarships' program
- Maintenance of social media platforms and website upgrade
- Further membership engagement through online-based actions and local events

Time commitment that the candidate can take during his term as a BD member:

Less than 4 hours/month X
4-10 hours/month
10-20 hours/month
More than 20 hours/month

Highest position that the candidate would prefer to hold in the BD (more than one can be selected):

President
Vice-President
General Secretary
Treasurer
Appointed Secretary
Councilor
Any of the above X

Additional comments that the candidate wants to make (up to 100 words)