Dmitry Tebaykin

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Education

2014-2016 (expected) **MSc, Bioinformatics**; University of British Columbia (Vancouver, Canada)

Thesis title: . Bioinformatics of neuron electrophysiology: exploring systematic sources of study-to-study variability by large-scale literature text-mining.

2007-2013 **BSc, Combined Major in Computer Science and Biology;** University of British Columbia (Vancouver, Canada) + Computer science Co-op program

Research Experience

2014 - 2016 **MSc Student at UBC Michael Smith Laboratories** - Supervisor: Dr. Paul Pavlidis

- Bioinformatics of neuron electrophysiology: exploring systematic sources of study-to-study variability by large-scale literature text-mining. (`https://github.com/neuroelectro/neuroelectro_org`).

Teaching Experience

2016 **Teaching Assitant for Introduction to Genetics course (Biol 234) at UBC** - Instructor: Dr. Craig Berezowsky

Awards and Scholarships

2015 BD2K Hackathon travel award

Presentations

23rd Annual International Conference on Intelligent Systems for Molecular Biology and the 14th European Conference on Computational Biology: Tebaykin, D., Tripathy, S.J., Li, B., Abdollahzadeh, D., Anderson, K., Pavlidis, P. Application of large-scale text-mining and curation for extracting neuronal electrophysiology data [v1; not peer reviewed]. F1000Research 2015, 4(ISCB Comm J):426 (poster) (doi: 10.7490/f1000research.1110179.1)

9th Annual Canadian Association for Neuroscience Conference: Tebaykin, D., Tripathy, S.J., Pavlidis, P. (2015) Identifying sources of study-to-study variability in neuronal electrophysiology data.

Organization of Computational Neurosciences Conference 2015: Tripathy, S.J., **Tebaykin, D.**, Li, B., Mancarci, O., Toker, L., and Pavlidis, P. (2015). Large-scale analysis of brain-wide electrophysiological diversity reveals novel characterization of mammalian neuron types. BMC Neurosci 16, O4.

Publications

(Preparing) Tebaykin, D., Tripathy, S.J., Li, B., Pavlidis, P. (2016) Exploring systematic sources of study-to-study variability by large-scale literature text-mining.

Software

NeuroElectro: An online database of electrophysiology data extracted from neuroscience articles. Available at (**neuroelectro.org**).