


Stanford



Sriram Jayabal

Postdoctoral Research Fellow, Neurobiology

 Curriculum Vitae available Online

Bio

BIO

Doctor of Philosophy (Neuroscience) - McGill University (2018)

Bachelor of Technology (Biotechnology) - P.S.G. College of Technology (2010)

HONORS AND AWARDS

- Integrated Program in Neuroscience (IPN) Returning Student Award, IPN, McGill University (2016)
- IPN GREAT Travel Award, IPN, McGill University (2016)
- Canadian Association of Neuroscience Travel Award, Canadian Association of Neuroscience (2016)
- McGill 3M-thesis competition finalist, McGill University (2016)
- IPN Returning Student Award, IPN, McGill University (2015)
- Scientifica Imaging Competition - First Prize, Scientifica (2014)
- IPN Returning Student Award, IPN, McGill University (2013)
- IPN Recruitment Award, IPN, McGill University (2011)
- Best Outgoing Student - Biotechnology, P.S.G. College of Technology (2010)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, McGill University (2018)
- Bachelor of Technology, Psg College Of Technology (2010)

LINKS

- My LinkedIn Page: <https://www.linkedin.com/in/sriram-jayabal-112a7a18>
- Raymond lab page: <http://raymondlab.weebly.com/>
- My PubMed Page: <https://www.ncbi.nlm.nih.gov/pubmed/?term=sriram+jayabal>
- My Google Scholar Page: <https://scholar.google.com/citations?user=jjcN8HYAAAAJ&hl=en&oi=ao>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Information processing in the oculomotor cerebellum

Publications

PUBLICATIONS

- **ATAT1 regulates forebrain development and stress-induced tubulin hyperacetylation.** *Cellular and molecular life sciences : CMLS*
Li, L., Jayabal, S., Ghorbani, M., Legault, L. M., McGraw, S., Watt, A. J., Yang, X. J.
2019
- **Development of Physiological Activity in the Cerebellum** *Handbook of the Cerebellum and Cerebellar Disorders*
Jayabal, S., Watt, A. J.
Springer, Cham.2019
- **Transient cerebellar alterations during development prior to obvious motor phenotype in a mouse model of spinocerebellar ataxia type 6** *JOURNAL OF PHYSIOLOGY-LONDON*
Jayabal, S., Ljungberg, L., Watt, A. J.
2017; 595 (3): 949–66
- **Transient Developmental Purkinje Cell Axonal Torpedoes in Healthy and Ataxic Mouse Cerebellum** *FRONTIERS IN CELLULAR NEUROSCIENCE*
Ljungberg, L., Lang-Ouellette, D., Yang, A., Jayabal, S., Quilez, S., Watt, A. J.
2016; 10: 248
- **4-aminopyridine reverses ataxia and cerebellar firing deficiency in a mouse model of spinocerebellar ataxia type 6** *SCIENTIFIC REPORTS*
Jayabal, S., Chang, H., Cullen, K. E., Watt, A. J.
2016; 6: 29489
- **Rapid Onset of Motor Deficits in a Mouse Model of Spinocerebellar Ataxia Type 6 Precedes Late Cerebellar Degeneration(1,2,3)** *ENEURO*
Jayabal, S., Ljungberg, L., Erwes, T., Cormier, A., Quilez, S., El Jaouhari, S., Watt, A. J.
2015; 2 (6)
- **DNA-mediated cooperativity facilitates the co-selection of cryptic enhancer sequences by SOX2 and PAX6 transcription factors** *NUCLEIC ACIDS RESEARCH*
Narasimhan, K., Pillay, S., Huang, Y., Jayabal, S., Udayasuryan, B., Veerapandian, V., Kolatkar, P., Cojocaru, V., Pervushin, K., Jauch, R.
2015; 43 (3): 1513–28
- **Neuronal morphometry directly from bitmap images** *NATURE METHODS*
Ferreira, T. A., Blackman, A. V., Oyrer, J., Jayabal, S., Chung, A. J., Watt, A. J., Sjoestroem, P., van Meyel, D. J.
2014; 11 (10): 982–84
- **Crystallization and preliminary X-ray diffraction analysis of the Pax9 paired domain bound to a DC5 enhancer DNA element** *ACTA CRYSTALLOGRAPHICA SECTION F-STRUCTURAL BIOLOGY COMMUNICATIONS*
Narasimhan, K., Hilbig, A., Udayasuryan, B., Jayabal, S., Kolatkar, P. R., Jauch, R.
2014; 70: 1357–61