



Kristina Micheva

Sr Res Scientist-Basic Ls, Molecular and Cellular Physiology

Bio

EDUCATION AND CERTIFICATIONS

- PhD, University of Montreal, Canada , Neuroscience (1996)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Neurobiology Course, Faculty (2006 - 2014)

PATENTS

- Kristina D. Micheva, Stephen J Smith. "United States Patent 7,767,414 Optical Imaging of molecular characteristics of biological specimen", Leland Stanford Junior University
- Kristina D. Micheva, Stephen J Smith. "United States Patent 9,008,378 Arrangement and Imaging of Biological Samples", Leland Stanford Junior University

Publications

PUBLICATIONS

- **Extensive Structural Remodeling of the Axonal Arbors of Parvalbumin Basket Cells during Development in Mouse Neocortex.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
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- **Conduction Velocity Along the Local Axons of Parvalbumin Interneurons Correlates With the Degree of Axonal Myelination.** *Cerebral cortex (New York, N.Y. : 1991)*
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- **A Computational Synaptic Antibody Characterization Tool for Array Tomography** *FRONTIERS IN NEUROANATOMY*
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- **A Computational Synaptic Antibody Characterization Tool for Array Tomography.** *Frontiers in neuroanatomy*
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- **Array tomography of physiologically-characterized CNS synapses** *JOURNAL OF NEUROSCIENCE METHODS*
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2016; 268: 43-52
- **Enhanced phasic GABA inhibition during the repair phase of stroke: a novel therapeutic target** *BRAIN*
Hui, T., Farzampour, Z., Paz, J. T., Wang, E. H., Badgely, C., Olson, A., Micheva, K. D., Wang, G., Lemmens, R., Tran, K. V., Nishiyama, Y., Liang, X., Hamilton, et al
2016; 139: 468-480
- **A large fraction of neocortical myelin ensheathes axons of local inhibitory neurons.** *eLife*
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- **Knowing a synapse when you see one.** *Frontiers in neuroanatomy*
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Micheva, K. D., Bruchez, M. P.
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