

DAVID HOLLEY
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EDUCATION

University of Montana, 2010 PhD Neuroscience
University of Montana, 1999 BS Microbiology
University of Virginia, 1990 BA Economics, Philosophy

EXPERIENCE

Core Manager, Application Specialist, Systems Administrator, 2015 to present, Molecular Computation Core Facility, The Center for Biomolecular Structure and Dynamics, University of Montana
Postdoctoral research, 2013-2014, PI Ellis Belle, Dept. of Chemistry, University of Richmond
Postdoctoral research, 2011-2013, PI Michael Kavanaugh, Center for Structural and Functional Neuroscience, University of Montana
Graduate Research Assistant, 2004-2010, PhD advisor Michael Kavanaugh, Center for Structural and Functional Neuroscience, University of Montana
Research technician 1999-2003, PI Mary Poss, University of Montana

PUBLICATIONS

Maolanon, A.R., Risgaard, R., Wang, S.-Y., Snoep, Y., Papangelis, A., Yi, F., Holley, D., Barslund, A.F., Svenstrup, N., Hansen, K.B. (2017). Subtype-Specific Agonists for NMDA Receptor Glycine Binding Sites. *ACS Chem. Neurosci.* 8, 1681–1687.
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Holley, D. C. and Kavanaugh, M. P. (2009). "Interactions of alkali cations with glutamate transporters." *Philos Trans R Soc Lond B Biol Sci* 364(1514): 155-61.
Sun, W., Hoffman, K. M., Holley, D. C., Kavanaugh, M. P. (2011). "Specificity and actions of a new benzylaspartate inhibitor of glutamate transport at the Schaffer collateral-CA1 pyramidal cell synapse." *PLoS ONE* 6(8): e23765.
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Poss, M., Holley, D. C., Biek, R., Cox, H., Gerdes, J. (2004). "Development of a homology model for clade A human immunodeficiency virus type 1 gp120 to localize temporal substitutions arising in recently infected women." *J Gen Virol* 85(Pt 6): 1479-84.