

Stanford

Emily M. Spelbrink

Clinical Assistant Professor, Neurology & Neurological Sciences

CLINICAL OFFICES

- **Stanford Children's Health Specialty Services San Francisco**

1100 Van Ness

7th Fl

San Francisco, CA 94109

Tel (844) 733-2762 **Fax** (628) 336-2270

Bio

CLINICAL FOCUS

- Pediatric Epilepsy
- Neurology - Child Neurology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Neurology & Neurological Sciences
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Board Certification: Epilepsy, American Board of Psychiatry and Neurology (2016)
- Fellowship: UCSF Pediatric Residency (2016) CA
- Board Certification: Neurology - Child Neurology, American Board of Psychiatry and Neurology (2015)
- Residency: Stanford University Hospital and Clinics, Lucile Packard Children's Hospital (2015) CA
- Internship: Harbor UCLA Medical Center (2012) CA United States of America
- Medical Education: University of California San Diego School of Medicine Registrar (2010) CA

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Publications

PUBLICATIONS

- **Epilepsy and EEG Phenotype of SLC13A5 Citrate Transporter Disorder.** *Child neurology open*
Yang, Q. Z., Spelbrink, E. M., Nye, K. L., Hsu, E. R., Porter, B. E.
2020; 7: 2329048X20931361
- **Case Studies in Neuroscience: A Novel Amino Acid Duplication in the N-terminus of the Brain Sodium Channel NaV1.1 Underlying Dravet Syndrome.** *Journal of neurophysiology*
Angus, M., Peters, C. H., Poburko, D., Brimble, E., Spelbrink, E. M., Ruben, P. C.
2019

- **Seizures in Preterm Infants** *JOURNAL OF CLINICAL NEUROPHYSIOLOGY*
Jacobs, J., Spelbrink, E. M.
2016; 33 (5): 382–93
- **Plasma taurine levels are not affected by vigabatrin in pediatric patients.** *Epilepsia*
Spelbrink, E. M., Mabud, T. S., Reimer, R., Porter, B. E.
2016; 57 (8): e168-72
- **A Distinctive Layering Pattern of Mouse Dentate Granule Cells is Generated by Developmental and Adult Neurogenesis** *JOURNAL OF COMPARATIVE NEUROLOGY*
Mathews, E. A., Morgenstern, N. A., Piatti, V. C., Zhao, C., Jessberger, S., Schinder, A. F., Gage, F. H.
2010; 518 (22): 4479–90
- **Epigenetic modulation of seizure-induced neurogenesis and cognitive decline** *JOURNAL OF NEUROSCIENCE*
Jessberger, S., Nakashima, K., Clemenson, G. D., Mejia, E., Mathews, E., Ure, K., Ogawa, S., Sinton, C. M., Gage, F. H., Hsieh, J.
2007; 27 (22): 5967–75
- **Crosstalk between nitric oxide and zinc pathways to neuronal cell death involving mitochondrial dysfunction and p38-activated K⁺ channels** *NEURON*
Bossy-Wetzel, E., Talantova, M. V., Lee, W. D., Scholzke, M. N., Harrop, A., Mathews, E., Gotz, T., Han, J. H., Ellisman, M. H., Perkins, G. A., Lipton, S. A.
2004; 41 (3): 351–65
- **Dominant-interfering forms of MEF2 generated by caspase cleavage contribute to NMDA-induced neuronal apoptosis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Okamoto, S., Li, Z., Ju, C., Scholzke, M. N., Mathews, E., Cui, J. K., Salvesen, G. S., Bossy-Wetzel, E., Lipton, S. A.
2002; 99 (6): 3974–79