

Stanford



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Bio

LINKS

- Soltesz Lab: <http://www.solteszlab.com>

Publications

PUBLICATIONS

- **Behavioral weight management use in the Veterans Health Administration: Sociodemographic and health correlates.** *Eating behaviors*
Breland, J. Y., Raikov, I., Hoggatt, K. J., Phibbs, C. S., Maguen, S., Timko, C., Saechao, F., Frayne, S. M.
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- **The EMBER trial for weight management engagement: A hybrid type 1 randomized controlled trial protocol.** *Contemporary clinical trials*
Breland, J. Y., Fletcher, T. L., Maguen, S., Timko, C., Raikov, I., Boothroyd, D. B., Frayne, S. M.
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- **Hidden behavioral fingerprints in epilepsy.** *Neuron*
Gschwind, T., Zeine, A., Raikov, I., Markowitz, J. E., Gillis, W. F., Felong, S., Isom, L. L., Datta, S. R., Soltesz, I.
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- **Peer support and whole health coaching to address the healthcare needs of homeless veterans: a pilot study.** *BMC primary care*
Blonigen, D., Smelson, D., Smith, J., Baldwin, N., McInnes, D. K., Raikov, I., Weber, J., Hyde, J.
2022; 23 (1): 331
- **Epistemic Autonomy: Self-supervised Learning in the Mammalian Hippocampus.** *Trends in cognitive sciences*
Santos-Pata, D., Amil, A. F., Raikov, I. G., Renno-Costa, C., Mura, A., Soltesz, I., Verschure, P. F.
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- **Entorhinal mismatch: A model of self-supervised learning in the hippocampus.** *iScience*
Santos-Pata, D., Amil, A. F., Raikov, I. G., Renno-Costa, C., Mura, A., Soltesz, I., Verschure, P. F.
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- **Maximally selective single-cell target for circuit control in epilepsy models.** *Neuron*
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- **Data-Driven Modeling of Normal and Pathological Oscillations in the Hippocampus** *MULTISCALE MODELS OF BRAIN DISORDERS*
Raikov, I., Soltesz, I., Cutsuridis
2019; 13: 185–92
- **Network Models of Epilepsy-Related Pathological Structural and Functional Alterations in the Dentate Gyrus** *REWIRING BRAIN: A COMPUTATIONAL APPROACH TO STRUCTURAL PLASTICITY IN THE ADULT BRAIN*
Raikov, I., Plitt, M., Soltesz, I., VanOoyen, A., ButzOstendorf, M.

2017: 485–503

● **Interneuronal mechanisms of hippocampal theta oscillations in a full-scale model of the rodent CA1 circuit.** *eLife*

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