



Tsuyoshi Nishiguchi

Postdoctoral Scholar, Psychiatry

Bio

BIO

Tsuyoshi Nishiguchi is a postdoctoral scholar at Gen Shinozaki Laboratory, Psychiatry and Behavioral Sciences of Stanford University. His work mainly focuses on the pathology and treatment of delirium with animal experiments using the bispectral EEG (BSEEG) method. As background, in Japan, he worked as a psychiatrist for eight years at the Department of Psychiatry of Tottori University Hospital and a city hospital. He has obtained a Ph.D. in medical sciences in depression study with animal experiments. In the USA, he was a visiting scholar at this Laboratory for 2 years. After that, he has been working in this laboratory up to the present.

STANFORD ADVISORS

- Gen Shinozaki, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Epigenetic signals associated with delirium replicated across four independent cohorts.** *Translational psychiatry*
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- **Genome-wide DNA methylation analysis in female veterans with military sexual trauma and comorbid PTSD/MDD.** *Journal of affective disorders*
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- **A Prospective Randomized Study of the Herbal Medicine Yokukansan for Preventing Delirium After Gastrointestinal Cancer Surgery** *YONAGO ACTA MEDICA*
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2022; 156: 245-251

- **Stress increases blood beta-hydroxybutyrate levels and prefrontal cortex NLRP3 activity jointly in a rodent model.** *Neuropsychopharmacology reports*

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