

# Stanford

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## Ai Miyasaka

Postdoctoral Scholar, Psychiatry

### Bio

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#### HONORS AND AWARDS

- Finalist for the Walter V. and Idun Berry Postdoctoral Fellowship in 2025, Stanford University (2025/10/13)
- Toshihiko Tokizane Memorial Award for Excellent Graduate Study in Neuroscience, The Japan Neuroscience Society (2025/8/1)
- Poster Presentation Award, RIKEN BDR Symposium 2025 “Towards Redesigning Lifecycles”, Kobe, Japan (2025/3/5)
- Matsuo Research Award, the 18th GPCR Symposium, Shimadzu Tokyo Innovation Plaza, Japan (2024/5/26)
- Presentation Award in Training School for Next Generation Scientists, the 46th Annual Meeting of the Japan Neuroscience Society, Sendai, Miyagi, Japan (2023/8/3)
- “Like” award, the 43rd Japan Neuroscience Society (2020/8/1)
- Presentation of Young Scientist Award, Next Generation Brain Project Winter Symposium 2019, Hitotsubashi University, Tokyo, Japan (2019/12/20)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee member, Human Resource Development Working Group, Japan Neuroscience Society (JNS) (2023 - 2025)

#### STANFORD ADVISORS

- Nirao Shah, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Sequential transitions of male sexual behaviors driven by dual acetylcholine-dopamine dynamics.** *Neuron*  
Miyasaka, A., Kanda, T., Nonaka, N., Terakoshi, Y., Cherasse, Y., Ishikawa, Y., Li, Y., Takizawa, H., Hirano, A., Seita, J., Yanagisawa, M., Sakurai, T., Sakurai, et al  
2025; 113 (8): 1240-1258.e10
- **Rapid eye movement sleep is initiated by basolateral amygdala dopamine signaling in mice.** *Science (New York, N.Y.)*  
Hasegawa, E., Miyasaka, A., Sakurai, K., Cherasse, Y., Li, Y., Sakurai, T.  
2022; 375 (6584): 994-1000