

# Stanford

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## Yoon Seok Kim

Postdoctoral Scholar, Neurology and Neurological Sciences

### Bio

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#### HONORS AND AWARDS

- The Walter V. and Idun Berry Fellowship, The Walter V. and Idun Berry Postdoctoral Fellowship Program (9/1/2021)

#### STANFORD ADVISORS

- Michelle Monje-Deisseroth, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Structural basis for ion selectivity in potassium-selective channelrhodopsins.** *Cell*  
Tajima, S., Kim, Y. S., Fukuda, M., Jo, Y., Wang, P. Y., Paggi, J. M., Inoue, M., Byrne, E. F., Kishi, K. E., Nakamura, S., Ramakrishnan, C., Takaramoto, S., Nagata, et al  
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- **Structural basis for channel conduction in the pump-like channelrhodopsin ChRmine.** *Cell*  
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- **Genetically targeted chemical assembly of functional materials in living cells, tissues, and animals.** *Science (New York, N.Y.)*  
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- **Crystal structure of the natural anion-conducting channelrhodopsin GtACR1** *NATURE*

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2018; 561 (7723): 343-+
- **Glioma synapses recruit mechanisms of adaptive plasticity.** *Nature*  
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  - **Sexually dimorphic mechanisms of VGLUT-mediated protection from dopaminergic neurodegeneration.** *bioRxiv : the preprint server for biology*  
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  - **Distinct Signaling by Ventral Tegmental Area Glutamate, GABA, and Combinatorial Glutamate-GABA Neurons in Motivated Behavior.** *Cell reports*  
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  - **Deep brain optogenetics without intracranial surgery.** *Nature biotechnology*  
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