

## Chulhwan Kwak

Postdoctoral Scholar, Neurosurgery

### Bio

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#### STANFORD ADVISORS

- Xinnan Wang, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Mitochondrial complexity is regulated at ER-mitochondria contact sites via PDZD8-FKBP8 tethering.** *Nature communications*  
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- **Human stem cell-specific epigenetic signatures control transgene expression.** *Biochimica et biophysica acta. Gene regulatory mechanisms*  
Kwak, C. S., Ofiaz, F. E., Qiu, J., Wang, X.  
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- **Mitochondrial Thermogenesis Can Trigger Heat Shock Response in the Nucleus** *ACS CENTRAL SCIENCE*  
Kang, M., Kim, H., Lee, H., Kwak, C., Koh, H., Kang, B., Roe, J., Rhee, H.  
2024
- **A mitochondrial inside-out iron-calcium signal reveals drug targets for Parkinson's disease.** *Cell reports*  
Bharat, V., Durairaj, A. S., Vanhauwaert, R., Li, L., Muir, C. M., Chandra, S., Kwak, C. S., Le Guen, Y., Nandakishore, P., Hsieh, C. H., Rensi, S. E., Altman, R. B., Greicius, et al  
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- **Split-TurboID enables contact-dependent proximity labeling in cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Cho, K. F., Branon, T. C., Rajeev, S., Svinkina, T., Udeshi, N. D., Thoudam, T., Kwak, C., Rhee, H., Lee, I., Carr, S. A., Ting, A. Y.  
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