

## JONGBIN CHOI

Postdoctoral Scholar, Neonatal and Developmental Medicine

### Bio

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#### STANFORD ADVISORS

- Anca Pasca, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Adrenomedullin restores the human cortical interneurons migration defects induced by hypoxia.** *eLife*  
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2026; 14
- **The FAM53C/DYRK1A axis regulates the G1/S transition of the cell cycle.** *eLife*  
Hammond, T., Choi, J. B., Membreno, M. W., Demeter, J., Ng, R., Bhattacharya, D., Nguyen, T. N., Hartmann, G. G., Colon, C. I., Bossard, C., Skotheim, J. M., Jackson, P. K., Pasca, et al  
2026; 14
- **Therapeutic effects of lomerizine on vasculopathy in Fabry disease.** *Scientific reports*  
Choi, J. B., Do, H. S., Seol, D. W., Yang, H. Y., Kim, T. M., Byun, Y. G., Park, J. M., Go, H., Park, J., Chung, W. S., Suh, J. M., Lee, B. H., Wee, et al  
2025; 15 (1): 11355
- **Stress induces behavioral abnormalities by increasing expression of phagocytic receptor, MERTK, in astrocytes to promote synapse phagocytosis.** *Immunity*  
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2023
- **Fasudil alleviates the vascular endothelial dysfunction and several phenotypes of Fabry disease.** *Molecular therapy : the journal of the American Society of Gene Therapy*  
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2023
- **Generation of a CRISPR/Cas9-corrected-hiPSC line (DDLAbi001-A) from Fabry disease (FD)-derived iPSCs having a-galactosidase (GLA) gene mutation (c.803\_806del)** *STEM CELL RESEARCH*  
Choi, J., Seo, D., Do, H., Han, Y.  
2023; 66: 103001
- **Aberrant Cortical Layer Development of Brain Organoids Derived from Noonan Syndrome-iPSCs** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*  
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2022; 23 (22)
- **Dysregulated ECM remodeling proteins lead to aberrant osteogenesis of Costello syndrome iPSCs** *STEM CELL REPORTS*  
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2021; 16 (8): 1985-1998