

Stanford

Heekyung Jung

Postdoctoral Scholar, Neurobiology

Bio

HONORS AND AWARDS

- Dean's Postdoctoral Fellowship, Stanford University (July 1, 2017 - June 30, 2018)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, New York University (2016)
- Master of Science, Seoul National University (2006)
- Bachelor of Science, Chung-Ang University (2003)

STANFORD ADVISORS

- Andrew Huberman, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **The Ancient Origins of Neural Substrates for Land Walking.** *Cell*
Jung, H. n., Baek, M. n., D'Elia, K. P., Boisvert, C. n., Currie, P. D., Tay, B. H., Venkatesh, B. n., Brown, S. M., Heguy, A. n., Schoppik, D. n., Dasen, J. S.
2018; 172 (4): 667-82.e15
- **An Unbiased View of Neural Networks: More than Meets the Eye.** *Neuron*
Jung, H. n., Huberman, A. D.
2018; 100 (5): 1019-21
- **Parallel Pbx-Dependent Pathways Govern the Coalescence and Fate of Motor Columns** *NEURON*
Hanley, O., Zewdu, R., Cohen, L. J., Jung, H., Lacombe, J., Philippidou, P., Lee, D. H., Selleri, L., Dasen, J. S.
2016; 91 (5): 1005-1020
- **Mir-17 similar to 92 Governs Motor Neuron Subtype Survival by Mediating Nuclear PTEN** *CELL REPORTS*
Tung, Y., Lu, Y., Peng, K., Yen, Y., Chang, M., Li, J., Jung, H., Thams, S., Huang, Y., Hung, J., Chen, J.
2015; 11 (8): 1305-1318
- **Evolution of Patterning Systems and Circuit Elements for Locomotion** *DEVELOPMENTAL CELL*
Jung, H., Dasen, J. S.
2015; 32 (4): 408-422
- **Evolving Hox Activity Profiles Govern Diversity in Locomotor Systems** *DEVELOPMENTAL CELL*
Jung, H., Mazzoni, E. O., Soshnikova, N., Hanley, O., Venkatesh, B., Duboule, D., Dasen, J. S.
2014; 29 (2): 171-187
- **BMI1 represses Ink4a/Arf and Hox genes to regulate stem cells in the rodent incisor** *NATURE CELL BIOLOGY*
Biehs, B., Hu, J. K., Strauli, N. B., Sangiorgi, E., Jung, H., Heber, R., Ho, S., Goodwin, A. F., Dasen, J. S., Capecchi, M. R., Klein, O. D.
2013; 15 (7): 846-?
- **Genetic and Functional Modularity of Hox Activities in the Specification of Limb-Innervating Motor Neurons** *PLOS GENETICS*

Lacombe, J., Hanley, O., Jung, H., Philippidou, P., Surmeli, G., Grinstein, J., Dasen, J. S.
2013; 9 (1)

● **Global Control of Motor Neuron Topography Mediated by the Repressive Actions of a Single Hox Gene** *NEURON*

Jung, H., Lacombe, J., Mazzoni, E. O., Liem, K. F., Grinstein, J., Mahony, S., Mukhopadhyay, D., Gifford, D. K., Young, R. A., Anderson, K. V., Wichterle, H., Dasen, J. S.
2010; 67 (5): 781-796

● **Regulation of the Drosophila apoptosome through feedback inhibition** *NATURE CELL BIOLOGY*

Shapiro, P. J., Hsu, H. H., Jung, H., Robbins, E. S., Ryoo, H. D.
2008; 10 (12): 1440-U134