

Stanford



Jens Magnusson

Postdoctoral Scholar, Bioengineering

Bio

PROFESSIONAL EDUCATION

- Master of Science, Umea Universitet (2010)
- Doctor of Philosophy, Karolinska Institutet (2017)
- Master of Science in Engr, Umea Universitet (2010)

STANFORD ADVISORS

- Stanley Qi, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Enhanced Cas12a multi-gene regulation using a CRISPR array separator.** *eLife*
Magnusson, J. P., Rios, A. R., Wu, L., Qi, L. S.
2021; 10
- **The spatial RNA integrity number assay for in situ evaluation of transcriptome quality.** *Communications biology*
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- **A Widespread Neurogenic Potential of Neocortical Astrocytes Is Induced by Injury** *CELL STEM CELL*
Zamboni, M., Llorens-Bobadilla, E., Magnusson, J., Frisen, J.
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- **Activation of a neural stem cell transcriptional program in parenchymal astrocytes.** *eLife*
Magnusson, J. P., Zamboni, M., Santopolo, G., Mold, J. E., Barrientos-Somarrivas, M., Talavera-Lopez, C., Andersson, B., Frisen, J.
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- **Blocking Notch-Signaling Increases Neurogenesis in the Striatum after Stroke** *CELLS*
Santopolo, G., Magnusson, J. P., Lindvall, O., Kokaia, Z., Frisen, J.
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- **Visualization and analysis of gene expression in tissue sections by spatial transcriptomics** *SCIENCE*
Stahl, P. L., Salmen, F., Vickovic, S., Lundmark, A., Navarro, J., Magnusson, J., Giacomello, S., Asp, M., Westholm, J. O., Huss, M., Mollbrink, A., Linnarsson, S., Codeluppi, et al
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- **Stars from the darkest night: unlocking the neurogenic potential of astrocytes in different brain regions.** *Development (Cambridge, England)*
Magnusson, J. P., Frisén, J.

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- **A latent neurogenic program in astrocytes regulated by Notch signaling in the mouse.** *Science (New York, N.Y.)*

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