

# Stanford

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## Joshua Daniel Guild

- MD Student, expected graduation Spring 2022
- Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2020
- MSTP Student

### Publications

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#### PUBLICATIONS

- **Microfluidic devices, accumulation of endogenous signals and stem cell fate selection.** *Differentiation; research in biological diversity*  
Fattahi, P., Haque, A., Son, K. J., Guild, J., Revzin, A.  
2019; 112: 39–46
- **Increased lateral microtubule contact at the cell cortex is sufficient to drive mammalian spindle elongation** *MOLECULAR BIOLOGY OF THE CELL*  
Guild, J., Ginzberg, M. B., Hueschen, C. L., Mitchison, T. J., Dumont, S.  
2017; 28 (14): 1975–83
- **Embryonic Stem Cells Cultured in Microfluidic Chambers Take Control of Their Fate by Producing Endogenous Signals Including LIF** *STEM CELLS*  
Guild, J., Haque, A., Gheibi, P., Gao, Y., Son, K., Foster, E., Dumont, S., Revzin, A.  
2016; 34 (6): 1501–12