

# Stanford

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## Michael Kratochvil

Postdoctoral Research Fellow, Materials Science and Engineering

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Wisconsin Madison (2016)
- Bachelor of Arts, Carroll College (2010)

#### STANFORD ADVISORS

- Sarah Heilshorn, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Designer, injectable gels to prevent transplanted Schwann cell loss during spinal cord injury therapy.** *Science advances*  
Marquardt, L. M., Doulames, V. M., Wang, A. T., Dubbin, K., Suhar, R. A., Kratochvil, M. J., Medress, Z. A., Plant, G. W., Heilshorn, S. C.  
2020; 6 (14): eaaz1039
- **Engineered materials for organoid systems** *NATURE REVIEWS MATERIALS*  
Kratochvil, M. J., Seymour, A. J., Li, T. L., Pasca, S. P., Kuo, C. J., Heilshorn, S. C.  
2019; 4 (9): 606–22
- **Hydrogel-based delivery of Il-10 improves treatment of bleomycin-induced lung fibrosis in mice.** *Biomaterials*  
Shamskhou, E. A., Kratochvil, M. J., Orcholski, M. E., Nagy, N., Kaber, G., Steen, E., Balaji, S., Yuan, K., Keswani, S., Danielson, B., Gao, M., Medina, C., Nathan, et al  
2019; 203: 52–62
- **Review: Bioengineering strategies to probe T cell mechanobiology** *APL BIOENGINEERING*  
de la Zerda, A., Kratochvil, M. J., Suhar, N. A., Heilshorn, S. C.  
2018; 2 (2)
- **Hyaluronan content governs tissue stiffness in pancreatic islet inflammation.** *The Journal of biological chemistry*  
Nagy, N., de la Zerda, A., Kaber, G., Johnson, P. Y., Hu, K. H., Kratochvil, M. J., Yadava, K., Zhao, W., Cui, Y., Navarro, G., Annes, J. P., Wight, T. N., Heilshorn, et al  
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