



Emily Meany

Ph.D. Student in Bioengineering, admitted Autumn 2019

Publications

PUBLICATIONS

- **Label-Free Composition Analysis of Supramolecular Polymer-Nanoparticle Hydrogels by Reversed-Phase Liquid Chromatography Coupled with a Charged Aerosol Detector.** *Analytical chemistry*
Tang, S., Pederson, Z., Meany, E. L., Yen, C., Swansiger, A. K., Prell, J. S., Chen, B., Grosskopf, A. K., Eckman, N., Jiang, G., Baillet, J., Pellett, J. D., Appel, et al
2024
- **A Regimen Compression Strategy for Commercial Vaccines Leveraging an Injectable Hydrogel Depot Technology for Sustained Vaccine Exposure** *ADVANCED THERAPEUTICS*
Yan, J., Ou, B. S., Saouaf, O. M., Meany, E. L., Eckman, N., Appel, E. A.
2023
- **Injectable Polymer-Nanoparticle Hydrogel for the Sustained Intravitreal Delivery of Bimatoprost** *ADVANCED THERAPEUTICS*
Meany, E. L., Andaya, R., Tang, S., Kasse, C. M., Fuji, R. N., Grosskopf, A. K., D'Aquino, A. L., Bartoe, J. T., Ybarra, R., Shelton, A., Pederson, Z., Hu, C., Leung, et al
2022
- **Injectable Nanoparticle-Based Hydrogels Enable the Safe and Effective Deployment of Immunostimulatory CD40 Agonist Antibodies.** *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*
Correa, S., Meany, E. L., Gale, E. C., Klich, J. H., Saouaf, O. M., Mayer, A. T., Xiao, Z., Liang, C. S., Brown, R. A., Maikawa, C. L., Grosskopf, A. K., Mann, J. L., Idoyaga, et al
2022: e2103677
- **Hydrogel-Based Slow Release of a Receptor-Binding Domain Subunit Vaccine Elicits Neutralizing Antibody Responses Against SARS-CoV-2.** *Advanced materials (Deerfield Beach, Fla.)*
Gale, E. C., Powell, A. E., Roth, G. A., Meany, E. L., Yan, J., Ou, B. S., Grosskopf, A. K., Adamska, J., Picece, V. C., d'Aquino, A. I., Pulendran, B., Kim, P. S., Appel, et al
2021: e2104362