



## Alakesh

Postdoctoral Scholar, Materials Science and Engineering

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### Bio

#### STANFORD ADVISORS

- Eric Appel, Postdoctoral Faculty Sponsor

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### Publications

#### PUBLICATIONS

- **Evolving Transport Properties of Dynamic Hydrogels Enable Self-Tuning of Short- and Long-Term Cargo Delivery.** *Journal of biomedical materials research. Part A*  
Sen, S., Dong, C., Jons, C. K., Reineking, W., Alakesh, A., Eckman, N., Song, Y. E., Prossnitz, A. N., Appel, E. A.  
2026; 114 (4): e70074
- **A biomaterial implant model demonstrates that immature neutrophils drive immunopathology following acute injury** *BIOMATERIALS*  
Dorai, V., Alakesh, A., Guttapadu, R., Sagar, S., Valakatte, M., Raghavan, J., Mohandas, M., Kalpana, S. R., Chandra, N., Jhunjhunwala, S.  
2026; 328: 123907
- **Enabling global access to potent subunit vaccines with a simple and scalable injectable hydrogel platform.** *Biomaterials science*  
Ganesh, P., Prossnitz, A. N., Jons, C. K., Eckman, N., Alakesh, A., Song, Y. E., Sen, S., Appel, E. A.  
2025