



Jingjia Liu

Ph.D. Student in Bioengineering, admitted Summer 2021

Publications

PUBLICATIONS

- **Targeting peptide antigens using a multiallelic MHC I-binding system.** *Nature biotechnology*
Du, H., Mallik, L., Hwang, D., Sun, Y., Kaku, C., Hoces, D., Sun, S. M., Ghinnagow, R., Carro, S. D., Phan, H. A., Gupta, S., Blackson, W., Lee, et al
2024
- **A general system for targeting MHC class II-antigen complex via a single adaptable loop.** *Nature biotechnology*
Du, H., Liu, J., Jude, K. M., Yang, X., Li, Y., Bell, B., Yang, H., Kassardjian, A., Blackson, W., Mobedi, A., Parekh, U., Parra Sperberg, R. A., Julien, et al
2024
- **Fully synthetic platform to rapidly generate tetravalent bispecific nanobody-based immunoglobulins.** *Proceedings of the National Academy of Sciences of the United States of America*
Misson Mindrebo, L., Liu, H., Ozorowski, G., Tran, Q., Woehl, J., Khalek, I., Smith, J. M., Barman, S., Zhao, F., Keating, C., Limbo, O., Verma, M., Liu, et al
2023; 120 (24): e2216612120
- **De Novo Design of a Highly Stable Ovoid TIM Barrel: Unlocking Pocket Shape towards Functional Design.** *Biodesign research*
Chu, A. E., Fernandez, D., Liu, J., Eguchi, R. R., Huang, P. S.
2022; 2022: 9842315