

Stanford

Jacob Mahoney

Postdoctoral Research Fellow, Structural Biology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, University of Wisconsin La Crosse (2010)
- Doctor of Philosophy, University of Michigan Ann Arbor (2016)

STANFORD ADVISORS

- William Weis, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Structural insights into binding specificity, efficacy and bias of a beta2AR partial agonist.** *Nature chemical biology*
Masureel, M., Zou, Y., Picard, L., van der Westhuizen, E., Mahoney, J. P., Rodrigues, J. P., Mildorf, T. J., Dror, R. O., Shaw, D. E., Bouvier, M., Pardon, E., Steyaert, J., Sunahara, et al
2018; 14 (11): 1059–66
- **GPCR-G Protein-β-Arrestin Super-Complex Mediates Sustained G Protein Signaling.** *Cell*
Thomsen, A. R., Plouffe, B., Cahill, T. J., Shukla, A. K., Tarrasch, J. T., Dosey, A. M., Kahsai, A. W., Strachan, R. T., Pani, B., Mahoney, J. P., Huang, L., Breton, B., Heydenreich, et al
2016; 166 (4): 907-919
- **Allosteric coupling from G protein to the agonist-binding pocket in GPCRs** *NATURE*
DeVree, B. T., Mahoney, J. P., Velez-Ruiz, G. A., Rasmussen, S. G., Kuszak, A. J., Edwald, E., Fung, J., Manglik, A., Masureel, M., Du, Y., Matt, R. A., Pardon, E., Steyaert, et al
2016; 535 (7610): 182-?
- **Electron Microscopic Visualization of Protein Assemblies on Flattened DNA Origami** *ACS NANO*
Mallik, L., Dhakal, S., Nichols, J., Mahoney, J., Dosey, A. M., Jiang, S., Sunahara, R. K., Skiniotis, G., Walter, N. G.
2015; 9 (7): 7133-7141
- **Conformational biosensors reveal GPCR signalling from endosomes** *NATURE*
Irannejad, R., Tomshine, J. C., Tomshine, J. R., Chevalier, M., Mahoney, J. P., Steyaert, J., Rasmussen, S. G., Sunahara, R. K., El-Samad, H., Huang, B., von Zastrow, M.
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