



Kelsie Eichel

Postdoctoral Research Fellow, Biology

Bio

HONORS AND AWARDS

- HHMI Hanna H. Gray Fellow, Howard Hughes Medical Institute (2019-present)
- Damon Runyon Postdoctoral Fellowship, Damon Runyon Cancer Research Foundation (2018-2019)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California San Francisco (2017)
- B.A., Northwestern University , Biological Sciences (2010)

Publications

PUBLICATIONS

- **Catalytic activation of beta-arrestin by GPCRs** *NATURE*
Eichel, K., Jullie, D., Barsi-Rhyne, B., Latorraca, N. R., Masureel, M., Sibarita, J., Dror, R. O., von Zastrow, M.
2018; 557 (7705): 381-+
- **Subcellular Organization of GPCR Signaling.** *Trends in pharmacological sciences*
Eichel, K., von Zastrow, M.
2018; 39 (2): 200-208
- **Phosphorylated EGFR Dimers Are Not Sufficient to Activate Ras.** *Cell reports*
Liang, S. I., van Lengerich, B., Eichel, K., Cha, M., Patterson, D. M., Yoon, T. Y., von Zastrow, M., Jura, N., Gartner, Z. J.
2018; 22 (10): 2593-2600
- **An Approach to Spatiotemporally Resolve Protein Interaction Networks in Living Cells** *CELL*
Lobingier, B. T., Huttenhain, R., Eichel, K., Miller, K. B., Ting, A. Y., von Zastrow, M., Krogan, N. J.
2017; 169 (2): 350-360
- **Genetic evidence that β -arrestins are dispensable for the initiation of β 2-adrenergic receptor signaling to ERK.** *Science signaling*
O'Hayre, M., Eichel, K., Avino, S., Zhao, X., Steffen, D. J., Feng, X., Kawakami, K., Aoki, J., Messer, K., Sunahara, R., Inoue, A., von Zastrow, M., Gutkind, et al
2017; 10 (484)
- **beta-Arrestin drives MAP kinase signalling from clathrin-coated structures after GPCR dissociation** *NATURE CELL BIOLOGY*
Eichel, K., Jullie, D., von Zastrow, M.
2016; 18 (3): 303-?
- **Functional Conservation of Cis-Regulatory Elements of Heat-Shock Genes over Long Evolutionary Distances** *PLOS ONE*
He, Z., Eichel, K., Ruvinsky, I.
2011; 6 (7)