



## Kelsie Eichel

Postdoctoral Scholar, Biology

### Bio

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#### 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

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#### 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. n., von Zastrow, M. n.  
2018; 39 (2): 200-208
- **Phosphorylated EGFR Dimers Are Not Sufficient to Activate Ras.** *Cell reports*  
Liang, S. I., van Lengerich, B. n., Eichel, K. n., Cha, M. n., Patterson, D. M., Yoon, T. Y., von Zastrow, M. n., Jura, N. 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  $\beta$ -arrestins are dispensable for the initiation of  $\beta$ 2-adrenergic receptor signaling to ERK.** *Science signaling*  
O'Hayre, M. n., Eichel, K. n., Avino, S. n., Zhao, X. n., Steffen, D. J., Feng, X. n., Kawakami, K. n., Aoki, J. n., Messer, K. n., Sunahara, R. n., Inoue, A. n., von Zastrow, M. n., 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)