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Publications

PUBLICATIONS

- **Membrane editing with proximity labeling reveals regulators of lipid homeostasis.** *Nature chemical biology*
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2026
- **Author Correction: Synthetic GPCRs for programmable sensing and control of cell behaviour.** *Nature*
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- **The dynamic regulatory network of phosphatidic acid metabolism: a spotlight on substrate cycling between phosphatidic acid and diacylglycerol.** *Biochemical Society transactions*
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- **Imaging Interorganelle Phospholipid Transport by Extended Synaptotagmins Using Bioorthogonally Tagged Lipids** *ACS CHEMICAL BIOLOGY*
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- **Ultralow Background Membrane Editors for Spatiotemporal Control of Phosphatidic Acid Metabolism and Signaling** *ACS CENTRAL SCIENCE*
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- **NME3 binds to phosphatidic acid and mediates PLD6-induced mitochondrial tethering** *JOURNAL OF CELL BIOLOGY*
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2022; 298 (4): 101810
- **Click chemistry-enabled CRISPR screening reveals GSK3 as a regulator of PLD signaling** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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- **Induced proximity tools for precise manipulation of lipid signaling** *CURRENT OPINION IN CHEMICAL BIOLOGY*
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2021; 65: 93-100
- **Optical Control of Phosphatidic Acid Signaling** *ACS CENTRAL SCIENCE*
Tei, R., Morstein, J., Shemet, A., Trauner, D., Baskin, J. M.
2021; 7 (7): 1205-1215
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Jorgensen, J. R., Tei, R., Baskin, J. M., Michel, A. H., Kornmann, B., Emr, S. D.
2020; 31 (12): 1302-1313
- **Spatiotemporal control of phosphatidic acid signaling with optogenetic, engineered phospholipase Ds** *JOURNAL OF CELL BIOLOGY*
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