

PEER-REVIEWED PUBLICATION at MSU: (*Graduate Student; **Undergraduate Student)

34. Sara Woodman, Christopher Trousdale, Justin Conover, and **Kyoungtae Kim**. 2017. Submitted BBA Molecular Cell Research. Yeast Membrane Lipid Imbalance Leads to Trafficking Defects toward the Golgi
33. Christopher Trousdale*, Mariel Delgado Cruz*, Shiva Kumar Goud Gadila*, Uma Saimani*, and **Kyoungtae Kim**. 2017. The functional relationship between the retromer and yeast dynamin at the endosome. In press. International Journal of Science and Technology.
32. Uma Saimani*, Pelin Makaraci*, Jared Smothers**, Hyoeun McDermott*, and **Kyoungtae Kim**. 2017. Yeast dynamin associates with the GARP tethering complex for endosome-to-Golgi traffic. *Eur J Cell Biol*. 2017 May 8. pii: S0171-9335(16)30279-5. doi: 10.1016/j.ejcb.2017.04.004. [Epub ahead of print]
31. Uma Saimani* and **Kyoungtae Kim**. 2017. Traffic from the endosome towards *trans*-Golgi Network. *Eur J Cell Biol*. 2017 Feb 24. pii: S0171-9335(16)30278-3. doi: 10.1016/j.ejcb.2017.02.005.
30. Shiva Kumar Goud Gadila*, Michelle Williams*, Uma Saimani*, Mariel Delgado Cruz**, Pelin Makaraci*, Hyoeun McDermott*, and **Kyoungtae Kim**. 2017. Yeast dynamin Vps1 associates with clathrin to facilitate vesicular trafficking and controls Golgi homeostasis. *Eur J Cell Biol*. 2017 Feb 22. pii: S0171-9335(16)30241-2. doi: 10.1016/j.ejcb.2017.02.004.
29. Bryan T Banh*, Hyoeun McDermott*, Sara Woodman*, Chris Trousdale*, Shiva Kumar Goud Gadila*, Uma Saimani*, John CW Short**, and **Kyoungtae Kim**. Dynamin interaction with ESCRT proteins at the endosome. 2017. *Cell Biol Int*. 2017 Feb 9. doi: 10.1002/cbin.10738.
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27. Shiva Kumar Goud Gadila* and **Kyoungtae Kim**. Cargo trafficking from trans-Golgi network toward the endosome. 2016. Vol108, Issue 8. P205-218. *Biology of the Cell*.
26. Sara Woodman**, John Short**, Shiva Kumar Goud Gadila*, Hyoeun McDermott*, Alexander Linan**, Katelyn Bartlett*, Katie Schmelzle**, Adam Wanekaya and **Kyoungtae Kim**. Carbon Nanomaterials Alters Gene Expression Profiles. 2016. Vol16, number 5. pp. 5207-5217. *J. of Nanoscience and Nanotechnology*.
25. Christopher Trousdale* and **Kyoungtae Kim**. Retromer: Structure, Function, and Roles in Mammalian Disease. 2015. Nov; 94(11):513-21. *E Journal of Cell biology*.
24. Hyoeun McDermott* and **Kyoungtae Kim**. Molecular Dynamics at the Endocytic Portal and Regulations of Endocytic and Recycling Traffics. 2015. Vol. 94, Issue 6, June, P235-48. *E. Journal of Cell Biology*.
23. Katelyn Bartlett*, Shiva Kumar Goud Gadila*, Brandon Tenay*, Hyoeun McDermott*, Brett Alcox**, and **Kyoungtae Kim**. TORC2 and eisosomes are spatially interdependent, requiring optimal level of PI(4,5)P₂ for their integrity. 2015. Vol.40, Issue 2, P299-311. *Journal of Bioscience*.
22. Michelle Williams* and **Kyoungtae Kim**. From membranes to organelles: emerging roles for Dynamin-like proteins in diverse cellular processes. 2014. Vol. 93, Issue 7, July, P267-277. *E. Journal of Cell Biology*.
21. Katelyn Bartlett* and **Kyoungtae Kim**. Insight into Tor2, a budding yeast microdomain protein. 2014. Volume 93, Issue 3, March, P87-97. *E. Journal of Cell Biology*.

20. Joshua Lukehart*, Chad Highfill*, and **Kyoungtae Kim**. Vps1, a Recycling Factor for the Traffic from Early Endosome to the Late Golgi. **2013**. Dec; 91(6):455-65. *Biochemistry and Cell Biology*
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18. Alexis Brummett**, Michelle Williams**, Jacob Hayden*, **Kyoungtae Kim**. Implication of yeast dynamin-related protein Vps1 in endocytosis and organelle fission. **2013**. V2 (1). *The International Journal of Science and Technology*.
17. Jacob Hayden*, Michelle Williams**, Ann Granich**, Hyoeun Ahn**, Brandon Tenay*, Joshua Lukehart*, Chad Highfill*, Sarah Dobard**, and **Kyoungtae Kim**. Vps1 in the late endosome-to-vacuole traffic. **2013**. 38(1), 73-83. *Journal of Bioscience*.
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