



Bomsoo Cho

Life Science Research Professional 3, Pathology Sponsored Projects

Publications

PUBLICATIONS

- **Cell autonomous polarization by the planar cell polarity signaling pathway.** *Nature communications*
Weiner, A. T., Nissen, S. B., Suyama, K., Cho, B., Pierre-Louis, G., Axelrod, J. D.
2025; 16 (1): 9503
- **Flamingo participates in multiple models of cell competition.** *eLife*
Sanchez Bosch, P., Cho, B., Axelrod, J. D.
2024; 13
- **An ACE2 decamer viral trap as a durable intervention solution for current and future SARS-CoV.** *Emerging microbes & infections*
Guo, H., Cho, B., Hinton, P. R., He, S., Yu, Y., Ramesh, A. K., Sivaccumar, J. P., Ku, Z., Campo, K., Holland, S., Sachdeva, S., Mensch, C., Dawod, et al
2023; 12 (2): 2275598
- **Protein phosphatase 1 regulates core PCP signaling.** *EMBO reports*
Song, S., Cho, B., Weiner, A. T., Nissen, S. B., Ojeda Naharros, I., Sanchez Bosch, P., Suyama, K., Hu, Y., He, L., Svinkina, T., Udeshi, N. D., Carr, S. A., Perrimon, et al
2023: e56997
- **Cell autonomous polarization by the planar cell polarity signaling pathway.** *bioRxiv : the preprint server for biology*
Weiner, A. T., Cho, B., Suyama, K., Axelrod, J. D.
2023
- **Protein phosphatase 1 regulates core PCP signaling.** *bioRxiv : the preprint server for biology*
Song, S., Cho, B., Weiner, A. T., Nissen, S. B., Naharros, I. O., Bosch, P. S., Suyama, K., Hu, Y., He, L., Svinkina, T., Udeshi, N. D., Carr, S. A., Perrimon, et al
2023
- **Prickle isoform participation in distinct polarization events in the Drosophila eye.** *PLoS one*
Cho, B., Song, S., Wan, J. Y., Axelrod, J. D.
2022; 17 (2): e0262328
- **Prickle isoforms determine handedness of helical morphogenesis.** *eLife*
Cho, B., Song, S., Axelrod, J. D.
2020; 9
- **Clustering and negative feedback by endocytosis in planar cell polarity signaling is modulated by ubiquitylation of prickle.** *PLoS genetics*
Cho, B., Pierre-Louis, G., Sagner, A., Eaton, S., Axelrod, J. D.
2015; 11 (5)
- **Prickle/spiny-legs isoforms control the polarity of the apical microtubule network in planar cell polarity.** *Development*
Olofsson, J., Sharp, K. A., Matis, M., Cho, B., Axelrod, J. D.

2014; 141 (14): 2866-2874

- **Ral inhibits ligand-independent Notch signaling in Drosophila.** *Small GTPases*
Cho, B., Fischer, J. A.
2012; 3 (3): 186-191
- **Drosophila Epsin's role in Notch ligand cells requires three Epsin protein functions: The lipid binding function of the ENTH domain, a single Ubiquitin interaction motif, and a subset of the C-terminal protein binding modules** *DEVELOPMENTAL BIOLOGY*
Xie, X., Cho, B., Fischer, J. A.
2012; 363 (2): 399-412
- **Ral GTPase promotes asymmetric Notch activation in the Drosophila eye in response to Frizzled/PCP signaling by repressing ligand-independent receptor activation** *DEVELOPMENT*
Cho, B., Fischer, J. A.
2011; 138 (7): 1349-1359
- **The Functions of Auxilin and Rab11 in Drosophila Suggest That the Fundamental Role of Ligand Endocytosis in Notch Signaling Cells Is Not Recycling** *PLOS ONE*
Banks, S. M., Cho, B., Eun, S. H., Lee, J., Windler, S. L., Xie, X., Bilder, D., Fischer, J. A.
2011; 6 (3)
- **Promoter hypomethylation of a novel cancer/testis antigen gene CAGE is correlated with its aberrant expression and is seen in premalignant stage of gastric carcinoma** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*
Cho, B. S., LEE, H., Jeong, S., Bang, Y. J., Lee, H. J., Hwang, K. S., Kim, H. Y., Lee, Y. S., Kang, G. H., Jeoung, D. I.
2003; 307 (1): 52-63
- **Identification and characterization of a novel cancer/testis antigen gene CAGE-1** *BIOCHIMICA ET BIOPHYSICA ACTA-GENE STRUCTURE AND EXPRESSION*
Park, S., Lim, Y., Lee, D., Cho, B., Bang, Y. J., Sung, S., Kim, H. Y., Kim, D. K., Lee, Y. S., Song, Y. W., Jeoung, D. I.
2003; 1625 (2): 173-182
- **Identification of autoantibodies associated with systemic lupus erythematosus** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*
Lim, Y., Lee, D. Y., Lee, S., Park, S. Y., Kim, J., Cho, B., LEE, H., Kim, H. Y., Lee, E., Song, Y. W., Jeoung, D. I.
2002; 295 (1): 119-124
- **Identification and characterization of a novel cancer/testis antigen gene CAGE** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*
Cho, B., Lim, Y., Lee, D. Y., Park, S. Y., LEE, H., Kim, W. H., Yang, H. W., Bang, Y. J., Jeoung, D. I.
2002; 292 (3): 715-726