

## Steven Wilson

Postdoctoral Scholar, Molecular and Cellular Physiology

### Bio

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#### STANFORD ADVISORS

- Christopher Garcia, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Structure of the thrombopoietin-MPL receptor complex is a blueprint for biasing hematopoiesis.** *Cell*  
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2023
- **Identification of orphan ligand-receptor relationships using a cell-based CRISPRa enrichment screening platform.** *eLife*  
Siepe, D. H., Henneberg, L. T., Wilson, S. C., Hess, G. T., Bassik, M. C., Zinn, K., Garcia, K. C.  
2022; 11
- **Organizing Structural Principles of the Interleukin-17 Ligand-Receptor Axis.** *Nature*  
Wilson, S. C., Caveney, N. A., Yen, M., Pollmann, C., Xiang, X., Jude, K. M., Hafer, M., Tsutsumi, N., Piehler, J., Garcia, K. C.  
2022
- **Structures of neurexophilin-neurexin complexes reveal a regulatory mechanism of alternative splicing.** *The EMBO journal*  
Wilson, S. C., White, K. I., Zhou, Q. n., Pfuetzner, R. A., Choi, U. B., Südhof, T. C., Brunger, A. T.  
2019: e101603
- **Production and Characterization of Synthetic Carboxysome Shells with Incorporated Luminal Proteins** *PLANT PHYSIOLOGY*  
Cai, F., Bernstein, S. L., Wilson, S. C., Kerfeld, C. A.  
2016; 170 (3): 1868-1877
- **Biogenesis of a Bacterial Organelle: The Carboxysome Assembly Pathway** *CELL*  
Cameron, J. C., Wilson, S. C., Bernstein, S. L., Kerfeld, C. A.  
2013; 155 (5): 1131-1140
- **Two new high-resolution crystal structures of carboxysome pentamer proteins reveal high structural conservation of CcmL orthologs among distantly related cyanobacterial species** *PHOTOSYNTHESIS RESEARCH*  
Sutter, M., Wilson, S. C., Deutsch, S., Kerfeld, C. A.  
2013; 118 (1-2): 9-16