

# Stanford

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## Catherine Yao

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### Publications

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#### PUBLICATIONS

- **AP-1 and TGFSS cooperativity drives non-canonical Hedgehog signaling in resistant basal cell carcinoma.** *Nature communications*  
Yao, C. D., Haensel, D., Gaddam, S., Patel, T., Atwood, S. X., Sarin, K. Y., Whitson, R. J., McKellar, S., Shankar, G., Aasi, S., Rieger, K., Oro, A. E.  
2020; 11 (1): 5079
- **Noncanonical hedgehog pathway activation through SRF-MKL1 promotes drug resistance in basal cell carcinomas.** *Nature medicine*  
Whitson, R. J., Lee, A. n., Urman, N. M., Mirza, A. n., Yao, C. Y., Brown, A. S., Li, J. R., Shankar, G. n., Fry, M. A., Atwood, S. X., Lee, E. Y., Hollmig, S. T., Aasi, et al  
2018; 24 (3): 271–81
- **G(s)alpha Deficiency in the Ventromedial Hypothalamus Enhances Leptin Sensitivity and Improves Glucose Homeostasis in Mice on a High-Fat Diet** *ENDOCRINOLOGY*  
Berger, A., Kablan, A., Yao, C., Ho, T., Podyma, B., Weinstein, L. S., Chen, M.  
2016; 157 (2): 600-610
- **Rolling the Genetic Dice: Neutral and Deleterious Smoothened Mutations in Drug-Resistant Basal Cell Carcinoma.** *journal of investigative dermatology*  
Atwood, S. X., Sarin, K. Y., Li, J. R., Yao, C. Y., Urman, N. M., Chang, A. L., Tang, J. Y., Oro, A. E.  
2015; 135 (8): 2138-2141
- **Smoothened variants explain the majority of drug resistance in Basal cell carcinoma.** *Cancer cell*  
Atwood, S. X., Sarin, K. Y., Whitson, R. J., Li, J. R., Kim, G., Rezaee, M., Ally, M. S., Kim, J., Yao, C., Chang, A. L., Oro, A. E., Tang, J. Y.  
2015; 27 (3): 342-353