

## Nielson (Chih-Hisang) Weng

- MD Student, expected graduation Spring 2022
- Ph.D. Student in Chemistry, admitted Winter 2014
- MSTP Student

### Publications

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#### PUBLICATIONS

- **In Vivo Measurement of Redox-Regulated TG2 Activity.** *Methods in molecular biology (Clifton, N.J.)*  
Melkonian, A. V., Weng, N. n., Palanski, B. A., Khosla, C. n.  
2019; 1967: 263–74
- **In Vivo Measurement of Redox-Regulated TG2 Activity** *FUNCTIONAL DISULPHIDE BONDS: METHODS AND PROTOCOLS*  
Melkonian, A. V., Weng, N., Palanski, B. A., Khosla, C., Hogg, P.  
2019; 1967: 263–74
- **Interleukin 4 is inactivated via selective disulfide-bond reduction by extracellular thioredoxin.** *Proceedings of the National Academy of Sciences of the United States of America*  
Plugis, N. M., Weng, N., Zhao, Q., Palanski, B. A., Maecker, H. T., Habtezion, A., Khosla, C.  
2018
- **Thioredoxin-1 Selectively Activates Transglutaminase 2 in the Extracellular Matrix of the Small Intestine: IMPLICATIONS FOR CELIAC DISEASE.** *journal of biological chemistry*  
Plugis, N. M., Palanski, B. A., Weng, C., Albertelli, M., Khosla, C.  
2017; 292 (5): 2000-2008
- **In vitro reconstitution and analysis of the 6-deoxyerythronolide B synthase.** *Journal of the American Chemical Society*  
Lowry, B., Robbins, T., Weng, C., O'Brien, R. V., Cane, D. E., Khosla, C.  
2013; 135 (45): 16809-16812