

Ming-Yang Ho

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Education

2018 Ph.D. Pennsylvania State University

2011 M.S. National Taiwan University

2009 B.S. National Taiwan University

Professional Experience

2019-Present Associate Professor, Department of Life Science, National Taiwan University.

Assistant Professor, Department of Life Science, National Taiwan University.

2018-2019 Postdoctoral researcher, Michigan State University.

2012-2013 Research assistant, PMB, Academia Sinica

Selected Publications

Jui-Tse Ko, Ying-Yang Li, Pa-Yu Chen, Po-Yu Liu, Ming-Yang Ho, Use of 16S rRNA gene sequences to identify cyanobacteria that can grow in far-red light. *Molecular Ecology Resources*, 2024. 24(1).

Ting-So Liu, Ke-Feng Wu, Han-Wei Jiang, Kai-Wen Chen, Ting-Shuo Nien, Donald A Bryant, Ming-Yang Ho, Identification of a far-red light-inducible promoter that exhibits light intensity dependency and reversibility in a cyanobacterium. *ACS Synthetic Biology*, 2023. 12(4), 1320-1330.

Han-Wei Jiang, Hsiang-Yi Wu, Chun-Hsiung Wang, Cheng-Han Yang, Jui-Tse Ko, Han-Chen Ho, Ming-Daw Tsai, Donald A Bryant, Fay-Wei Li, Meng-Chiao Ho, Ming-Yang Ho, A structure of the relict phycobilisome from a thylakoid-free cyanobacterium. *Nature Communications*, 2023. 14(1), 8009.

Yu-Cheng Liu, Yu-Chen Hu, I-Ming Chu, Yu-Hong Wei, Shen-Long Tsai, Biodegradation of tetramethylammonium chloride wastewater and inorganic nitrogen removal by a mixed culture. *Journal of Environmental Chemical Engineering*, 2022. 10, 106931.

Ting-Shuo Nien, Donald A Bryant, Ming-Yang Ho, Use of quartz sand columns to study far-red light photoacclimation (FaRLiP) in cyanobacteria. *Applied and environmental microbiology*, 2022. 88(13).

Ming-Yang Ho, Gaozhong Shen, Daniel P Canniffe, Chi Zhao, Donald A Bryant, Light-dependent chlorophyll f synthase is a highly divergent paralog of PsbA of photosystem II. *Science*, 2016. 353(6302).