

Mr. Li, Meng

PhD candidate

The Bredesen Center for Interdisciplinary Research and Graduate Education

Department of Biochemistry, Cellular & Molecular Biology

University of Tennessee, Knoxville E-mail: mli19@vols.utk.edu

EDUCATION

- Aug. 2011-present Graduate Student in ESE program at UTK
- Aug. 2010-present Graduate Student in BCMB department at UTK
Current GPA: 3.84/4.00
- Sep. 2006- Jul. 2010 B.S. in Biological Sciences, College of Biological Sciences,
China Agricultural University
Cumulative Overall GPA: 3.70/4.00

RESEARCH EXPERIENCE

- Jun. 2011- present Graduate Student in Bruce Lab, BCMB department at the
University of Tennessee, Knoxville
Project: Characterization of *Chroococcidiopsis* sp. TS-821
photosystems and understanding of photosystem oligomers.
- Sep. 2008- May. 2010 Research Assistant in Dr. De Ye's group in State Key
Laboratory of Plant Physiology & Biochemistry in China
Agricultural University.
Project: Function analysis of DREB2B transcription factor in
the process of pollen development.

WORKING EXPERIENCE

- Jan. 2014- May. 2014 **Teaching Assistant**, BCMB 401 discussion instructor
- Aug. 2011- Dec. 2011 **Teaching Assistant**, BCMB 419 class lab assistant.
- Aug. 2010 – May. 2011 **Teaching Assistant**, BCMB department at UTK
Setting up the botany teaching lab assisting Dr. Mcfarland

PRESENTATIONS

- Jan. 4th, 2014 23rd Western Photosynthesis Conference
Sell Tetrameric PSI from *Chroococcidiopsis* TS-821
- Jan. 5th, 2013 22nd Western Photosynthesis Conference
Isolation and Characterization of Tetrameric Photosystem I
from *Chroococcidiopsis* sp. TS-821
- Apr. 20th, 2012 BCMB External Advisory Board Meeting.
Isolation and Characterization of *Chroococcidiopsis* sp.
Strain TS-821 Tetrameric Photosystem I (PS I)
- Apr. 9th, 2012 BCMB Department Colloquium
Isolation and Characterization of *Chroococcidiopsis* sp.
Strain TS-821 Tetrameric Photosystem I (PS I)

SCIENTIFIC MEETINGS

- May. 2014 Biomolecular Structure, Dynamics, and Function:

	Membrane Proteins Conference
Jan. 2014	23rd Western Photosynthesis Conference
Aug. 2013	the 16th International Congress on Photosynthesis
Aug. 2013	11th Workshop on Cyanobacteria
Jan. 2013	22nd Western Photosynthesis Conference
Apr. 2012	TN-SCORE Thrust I Retreat
Jan. 2012	21st Western Photosynthesis Conference

OUTREACH

Apr. 2014	Judge, Southern Appalachian Science & Engineering Fair
Apr. 2013	Judge, Southern Appalachian Science & Engineering Fair
Mar. 2012	Judge, Southern Appalachian Science & Engineering Fair

HONORS AND AWARDS

- Scholar of the Week at University of Tennessee, June 6th 2014
- Science Alliance Award under Division of Biology, 2014
- DOE travel support for 23rd Western Photosynthesis Conference, Spring 2014
- Tennessee Plant Research Center Travel fellowship for research collaboration at University of Groningen in the Netherlands, Fall 2013
- Student Fellowship for the 16th International Congress on Photosynthesis Research, Aug. 2013
- NSF conference grant support for 11th Workshop on Cyanobacteria, Aug. 2013
- Tennessee Plant Research Center Travel fellowship, Spring 2013
- First Place Graduate Student Poster Presentation at Thrust I Retreat, Apr. 2012
- Tennessee Plant Research Center Travel fellowship, Spring 2012
- Outstanding College Graduate in Beijing, 2010
- Scholarship for outstanding students in social works, 2008~2009
- Excellent student leader, 2008~2009
- Outstanding Volunteer in 2008 Olympic Games and Paralympic Games
- Outstanding Volunteer in 2007 Beijing Olympic Testing Games
- Excellent League member, 2006~2007& 2007~2008
- Scholarship for excellent students in study, 2006~2007& 2007~2008

PUBLICATIONS

Li M, Semchonok DA, Boekema EJ, Bruce BD. (2014) Characterization and Evolution of Tetrameric Photosystem I from the Thermophilic Cyanobacterium *Chroococcidiopsis* sp. TS-821. *Plant Cell*. 26(3): 1230–1245.

Baker DR, Manocchi AK, Lamicq ML, Li M, Nguyen K, Sumner JJ, Bruce BD, Lundgren CA. (2014) Comparative Photoactivity and Stability of Isolated Cyanobacterial Monomeric and Trimeric Photosystem I. *J. Phys. Chem. B*, 118 (10), pp 2703–2711

Liang Y, Tan ZM, Zhu L, Niu QK, Zhou JJ, Li M, Chen LQ, Zhang XQ, Ye D. (2013) MYB97, MYB101 and MYB120 Function as Male Factors That Control Pollen Tube-Synergid Interaction in *Arabidopsis thaliana* Fertilization. *PLoS Genet*. 2013 Nov; 9(11):e1003933