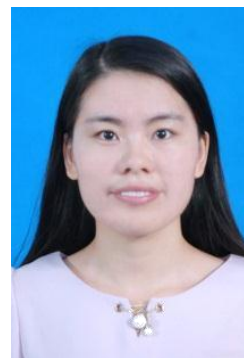


## CURRICULUM VITAE



### PERSONAL INFORMATION

Full Name: Tingting ZHAO  
Date of Birth: 14/04/1992  
Sex: Female  
Mobile phone: 0086 156 6569 8654  
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Language: Chinese, English

### EDUCATION

2010.9-2014.7

Bachelor in Biological Science  
School of Life Science,  
Huaibei Normal University

2014.9-2017.5

Master candidate in Plant Biology  
Supervisor: Professor Yi HAN  
School of Biotechnology and Food Engineering,  
Hefei University of Technology

### RESEARCH EXPERIENCE

During my master study, my project is focused on investigating the key genes mediated H<sub>2</sub>O<sub>2</sub> induced programmed cell death using a catalase deficient mutant (*cat2*). Through this project, I learned many biological approaches including crossing, CRISPR/Cas9 technique, molecular biology methods and redox-linked assay.

I am able to individually make the figures with sigmaPlot and office software. Also, statistics analysis such as t-test has been used throughout my preparing master thesis.

Taken together, I am quite interested in the elucidation of the molecular regulatory/signaling network linked to stressful associated events

## RESEARCH EXPERIENCE

- Genetic Transformation:
  - ✓ Transferring objective gene into *arabidopsis thaliana*
  - ✓ Arabidopsis thaliana Hybridization
  - ✓ CRISPR/Cas9-based genome editing technology
- Molecular Experimental Methods:
  - ✓ Molecular colony basic skills
  - ✓ RT-qPCR
  - ✓ Arabidopsis mesophyll protoplasts isolation
  - ✓ Western-blotting
  - ✓ Yeast two-hybrid system
- Biochemical assays:
  - ✓ Measurement of salicylic acid by HPLC
  - ✓ Analysis of redox-linked antioxidants and enzymes by plate reader and spectrophotometer

## PREPARED MANUSCRIPT

Bo, W., Wei, Z., Jin, C., Zhang, T., Zhao, T., & Noctor, G., et al. (2017). Functional analysis of the role of hydrogen sulfide in the regulation of dark-induced leaf senescence in arabidopsis. *Scientific Reports*, 7(1), 2615.