

# Yi CHEN

July, 1990

Anhui, China

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## Personal Development

### Education

**PhD, Plant Molecular Biology,**

**Sep.2015-Now**

ENSAT, INP Toulouse, University of Toulouse (UT), Toulouse, France

**Master's Degree, Olericulture,**

**Sep.2012-Jun.2015**

College of Horticulture, Nanjing Agriculture University (NJAU), Nanjing, China

**Bachelor's Degree, Horticulture,**

**Sep.2008-Jun.2012**

College of Life Science, Anhui Science and Technology University (ASTU), Fengyang, China

### Characterization

**Effectively communicate with co-workers**

**Display a strong power of observation**

**Language and Software**

Chinese (Native), English and beginner French

Skilled use office software; Image processing: Photoshop, 3D max; Bio-software: Snapgene, MEGA6, DNA man; R programme, et al.

## Scientific Experience

### Research Experience and Skills

- Mechanism of fruit ripening with molecular biology, chemistry and proteomic strategy;
- Explore plant gas signal regulate plant response to heavy metal stress;
- Manage subject advance
- Practical at proteomic research strategy and application
- Skilled in gene-edit in tomato
- Several publications experience

### Publications and Conference

- **Chen Y**, Rofidal V, Hem S, et al (2019). Targeted proteomics allows quantification of ethylene receptors and reveals SIETR3 accumulation in Never-Ripe tomatoes. **Frontiers in Plant Science**, 10, 1054.
- **Chen Y**, Grimplet J, David K, et al (2018). Ethylene receptors and related proteins in climacteric and non-climacteric fruits[J]. **Plant Science** 276: 63-72.
- **Chen Y**, Mo H-Z, Hu L-B, et al. (2014) The Endogenous Nitric Oxide Mediates Selenium-Induced Phytotoxicity by Promoting ROS Generation in *Brassica rapa*[J]. **PLoS ONE** 9(10): e110901.
- **Chen Y**, Mo H-Z, Zheng M-Y, et al. (2014) Selenium Inhibits Root Elongation by Repressing the Generation of Endogenous Hydrogen Sulfide in *Brassica rapa*[J]. **PLoS ONE** 9(10): e110904.
- Chen J, **Chen Y**, Shi Z Q, et al (2015). Phytoremediation to remove metals/metalloids from soils[M]. **Phytoremediation. Springer, Cham** 297-304.
- The 23<sup>rd</sup> International Conference on Plant Growth Substances, 2019, Paris, France
- International IV Plant Ethylene Conference, 2018, Greece, Chania
- 1<sup>st</sup> International protein and proteomics Conference, 2014, China, Hefei
- China III proteomic conference, 2013, China, Hangzhou

### Honors and Awards

- 2015 Award CSC scholarship (4 years) for supporting PhD degree in TOULOUSE
- 2014 Award the National Scholarship for Graduate Students, NJAU
- 2014 Award Excellent Honors in the Master's Mid-Term Examination, NJAU
- 2012 Award the Third-Class Scholarship of University, ASTU

