# CURRICULUM VITAE


## KHUONG THI THU HUONG

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## DEGREES

- Ph.D in Plant biology and Biotechnology, Aix Marseille University, French, 2013.
- M.Sc in Plant physiology, Nation University of Vietnam in Hanoi, Vietnam, 2008.
- B.Sc in Biology, Hanoi National University of Education, Vietnam, 2000.

## WORKING EXPERIENCE

- Teaching in Plant physiology and Plant anatomy Vietnam Forestry University, Hanoi, Vietnam, 2000 – 2009.
- Researcher in Plant biology and Biotechnology, Aix Marseille University, French, 2009-Present.
-Teaching and research in Plant physiology, Vietnam Forestry University, Hanoi, Vietnam, 2013- Present.

## BOOKS

1. Plant physiology, (In preparation), **Khuong TTH**., Pham Quang Chung., Nguyen Van Viet.
2. Photosynthesis regulation in plant, (In preparion), **Khuong THH**, Stefano

Caffarri.

## PUPLICATIONS

**1.** **Khuong TTH**., Robaglia. C., Caffarri. S (In progestion). "Engineering of light harvesting regulation to increase plant photosynthesis in low light". The Plant cell.

**2.** **Khuong TTH**., Robaglia. C., Caffarri. S (In preparation). "Physiological and biochemical investigation on the *pph1/npq4* double mutant under low and high light conditions".

**3.** **Khuong TTH**., Robaglia. C., Caffarri. S (In preparation). "The effect of PsbS protein on light stress resistance of plants".

**4.** **Khuong TTH**., Robaglia. C., Caffarri. S (In preparation). "States transition in photosynthesis".

**5.** **Khuong TTH**., Robaglia. C., Caffarri. S. (2014). "The function of PsbS protein in plant photosynthesis regulation." VNU Journal of Natural Sciences and Technology 30(1): 1-10.

**6.** **Khuong TTH.,** Crété. P., Robaglia. C., Caffarri. S (2013). Optimisation of tomato Micro-tom regeneration and selection on glufosinate/Basta and dependency of gene silencing on transgene copy number. Plant Cell Rep 32(9), 1441-54.

**7.** Galka, P., Santabarbara, S., **Khuong, T.T.,** Degand, H., Morsomme, P., Jennings, R.C., Boekema, E.J., and Caffarri, S. (2012). Functional analyses of the plant photosystem I-light-harvesting complex II supercomplex reveal that light-harvesting complex II loosely bound to photosystem II is a very efficient antenna for photosystem I in state II. The Plant cell 24, 2963-2978.

**8.** **Khuong TTH,** Do TP, Le VS, Chu HH, Le TB (2010) Establishment of an efficient protocol for plant regeneration in Acacia mangium WILLD via multishoot induction. Biotechnology 8:61-67.

## CONFERENCES

**1. Khuong TTH**., Robaglia. C., Caffarri. S (2012). Engineering of light harvesting regulation to increase plant productivity (metting of iBEB, Marseille, French***).***

**2. Khuong TTH**., Robaglia. C., Caffarri. S (2011). Engineering of light harvesting regulation to increase plant productivity (9th SFBV conference, Clermont-Ferrand,

French).

**3. Khuong TTH**., Robaglia. C., Caffarri. S (2011). Investigation of the regulation of photosynthesis at the molecular level for improvement of plant growth and productivity limiting light conditions (19th EDSVS, Marseille, French).

## RESEARCH PROJECTS

**1.** ANR-12-JSV8-0001-01 PHOTO-plast of The French National Research Agency Grant in LGBP lab, Aix Marseille University, French, as researcher, Project coordinator: Ph.D Caffarri Stefano, Associate Professor, 2012-2016.

**2.** Plant photosynthesis regulation by state transitions, Project of VFU, Hanoi Vietnam, Project coordinator Ph.D **Thi Thu Huong Khuong**, 2014.

**3.** The effect of PsbS protein on light stress resistance of plants, Project of VFU, Hanoi Vietnam, Project coordinator Ph.D **Thi Thu Huong Khuong**, 2015.

**Signature**

**Khuong Thi Thu Huong**