

CURRICULUM VITAE

HOANG Hai Ha

Date of birth: **December 23, 1972**
Place of birth: **Hai Phong province, Vietnam**
Nationality: **Vietnamese**

E-mail: hhha@vnu.edu.vn and hoanghaduchuy@gmail.com



EDUCATION

- 2009-2012: PhD student of Pierre et Marie Curie University (UPMC-Paris 6),
Doctor of Life Diversity (Plant physiology)
2003-2005: Master of Sciences Agronomic (crop science) at Hanoi Agriculture University (HUA).
1989-1994: Engineer of Sciences Agronomic (crop science) at Hanoi Agriculture University (HUA).

PROFESSIONAL EXPERIENCE

- 2013-present: Department of food biochemistry and biotechnology, Faculty of Food Science & Technology, VNUA.
- 2009-2012: ***UR5-Cellular and Molecular Physiology of Plants, UPMC***
Effect of environmental factors and abscisic acid on secondary dormancy of Barley grain.
- Determination of condition for the induction of secondary dormancy and Expression of abscisic acid, expression of gens for this process (ABA gens, GA gens) on Barley's grain. And also, for the expression of hypoxia gens on secondary dormant seed.
- Studying the change of ROS content (H_2O_2 , $O^{\cdot -}$) on barley grain and Arabidopsis grains in induction the secondary dormancy
- 2006 - 2009: ***Department of applied biochemistry, Institute of agro-biotechnology, HUA.***
Evaluation of the quality and the metabolism of β -carotene, sugar composition for six varieties mango juice in northern Vietnam
Evaluation of the relationship between amylose content, amino acid content, protein content with gelatinization time in the traditions production of rice (rice-style noodles, pasta and rice paper)
Participation in research "Effect of the sugar composition in tea's root to the germination"
- 2003 - 2005: ***Master of Science Agronomic at HUA,***
"Studying the characterize of rice which use for the tradition production in Nord's Vietnam
Study of influence of nitrogen fertilizers (talc slowly) to the quality of cabbage.
- 1999 - 2003: ***Department of environment, Institute of agro-biotechnology, HUA.***
Evaluation of the influence of storage conditions on the quality of potato.
Research the environment factors to food quality – National program of Food security.
Participation in the construction program for the analysis of routes evaluation criteria healthy vegetables: nitrate and heavy metals etc.
- 1994 - 1999: ***Centre of laboratory, HUA***
Studying and applying the method for determination of nitrate, nitrite by selective Electrodes; some metals (Ca, Na, Fe...) on AAS and Hg, As, ascorbic acid on Volt-ampere stripping
Participation in the program development of vegetable in Hanoi
- 1993-1994: ***Engineer of Sciences Agronomic (crop science), HUA***
"Research effect of α -NAA and CCC on quantity and quality of sweet potato"

Octobre 2011: Graines 2011, 3ème colloque national du réseau français de biologie des graines, Nantes.

“Induction de la dormance secondaire des grains d’orge (*Hordeum vulgare* L.): Intervention des facteurs de l’environnement et de l’ABA”. Hoang H.H., Sotta B., Corbineau F. & Leymarie J.

Avril 2011: Tenth Conference of the International Society for Seed Science, Costa do Saúpe, Brésil.

Involvement of ABA metabolism in the induction of secondary dormancy in barley (*Hordeum vulgare* L.) seeds. **Hoang H.H.**, Sotta B., Corbineau F. & Leymarie J. *Informativo Abrates*, 21, 80.

Leymarie J., Vitkauskaitė G., **Hoang H.H.**, Gendreau E., Chazoule V., Meimoun P., Corbineau F., El-Maarouf-Bouteau H. & Bailly C. (2012) Role of Reactive Oxygen Species in the Regulation of Arabidopsis Seed Dormancy. *Plant and Cell Physiology*, 53(1), 96-106.

Hoang H.H., Sotta B., Gendreau E., Bailly C., Leymarie J. & Corbineau F (2012). Water content: a key factor of induction of secondary dormancy in barley grains as related to ABA metabolism. *Physiologia Plantarum*. doi: 10.1111/j.1399-3054.2012.01710.x

Hoang H.H., Bailly C., Corbineau F. & Leymarie J. Induction of secondary dormancy of barley grains is regulated differentially by hypoxia and high temperature treatment. (2013) *Journal of experimental botany*. doi:10.1093/jxb/ert062

Hai Ha Hoang, Julien Sechet, Christophe Bailly, Juliette Leymarie & Françoise Corbineau Inhibition of germination of dormant barley (*Hordeum vulgare* L.) grains by blue light as related to oxygen and hormonal regulation. *Plant, Cell and Environment* (2013)