

# CURRICULUM VITAE

## PERSONAL INFORMATION



Full name: Ha Van Huan

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## EDUCATION AND WORK

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Sept. 1998 to Jul. 2002	<b>Bachelor of Biotechnology:</b> Hanoi University of Science (HUS) - Viet Nam National University
Jul. 2002 to Oct. 2003	<b>Researcher:</b> Laboratory of Gene technology - Institute of Biotechnology - Vietnam Academy of Sciences and Technology (VAST)
Oct. 2003 to present	<b>Lecturer, Researcher:</b> Viet Nam Forestry University
Sept. 2005 to Sept. 2006	Advanced study on Biotechnology at the Beijing Forestry University, Beijing, P.R. China.
Oct. 2006 to Jun. 2008	<b>Master of Biotechnology:</b> Hanoi University of Science (HUS) - Viet Nam National University
August 2007	Training course on the breeding of genetically modified trees at Beijing Forestry University, Beijing, P.R. China.
October 2007	Training course on the <i>in vitro</i> propagation technology of <i>Calamus simplicifolius</i> in the Research Institute of Tropical Forestry - Chinese Academy of Forestry; Guangzhou, P.R. China
Sept. 2008 – July 2011	<b>Doctor of Biochemical Engineering:</b> East China University of Science and Technology (ECUST), Shanghai, P.R. China

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## TEACHING EXPERIENCE

- Gene technology
- Molecular biology
- Application of Biotechnology for Agriculture and Forestry

## PUBLICATIONS

1. **Ha Van Huan**, Ho Van Giang, Yong Wang, Siliang Zhang (2011). Overexpression and the enzymatic properties of the recombinant 4 coumarate:coenzyme A ligase, a key enzyme in lignin biosynthesis pathway. *J Indian Acad Wood Science (Springer publisher)*. 8(1):21-25 DOI 10.1007/s13196-011-0018-3
2. **Ha Van Huan**, Yong Wang, Siliang Zhang (2011). Down-Regulation of *Pm4CL1* Gene Expression in *E. coli* Model by Antisense mRNA. *Biochemical Genetics (Springer publisher)*. DOI 10.1007/s10528-012-9497-1
3. **Ha Van Huan**, Ho Van Giang, Ngo Van Thanh, Siliang Zhang, Yong Wang (2012). Identification and functional analysis of the *Pm4CL1* gene in transgenic tobacco plant as the basis for regulating lignin biosynthesis in forest trees. *Molecular Breeding (Springer publisher)* 29 (1): 173-180; DOI 10.1007/s11032-010-9535-9.
4. Nguyen Thi Hong Gam, Ha Van Huan, Phạm Thi Thuy, Bui The Doi (2013). In vitro micropropagation of *Dendrobium ochraceum* Wild – An endemic orchid species in Vietnam. *Science & Technology Journal of Agriculture & Rural Development*, 6: 96-101
5. Plant regeneration of *Melia azedarach* L. Via somatic embryogenesis induction from root segment of seedlings (2011) *Science and technology journal of agriculture & rural development* 2:206-210.
6. Ngo Van Thanh, Jiang Xiangning, **Ha Van Huan**, Nguyen Thi Hau, Ho Van Giang (2010). Vector construction and transformation of *4CL1* gene into Chinaberrytree. *VNU Journal of Science, Natural Sciences and Technology*, 26 : 205-210.
7. **Ha Van Huan**, Ho Van Giang, Nguyen Nhu Ngoc, Bui Van Thang, Nong Van Hai, Chu Hoang Ha (2009). Isolation of *4CL1* gene from *Pinus massoniana* Lamb in Viet Nam. *Journal of Biotechnology*, 7(4):479–483.

8. Ho Van Giang, **Ha Van Huan**, Le Thi Huyen, Bui Van Thang, Ngo Van Thanh (2010). Molecular cloning of a cDNA encoding gibberellin 20-oxidase from *Arabidopsis thaliana*. *VNU Journal of Science, Natural Sciences and Technology*. 26:8-13.
9. **Ha Van Huan**, Do Quang Trung, Nguyen Thi Hue, Dao Thi Toan, Nguyen Thi Thu Hang, Bui Van Thang, Ho Van Giang (2009). Regeneration of *Jatropha curcas* L. via callus and somatic embryogenesis to improve varieties. *National Biotechnology Conference*, 157-160.
10. Ha Bich Hong, **Ha Van Huan**, Bui Van Thang, Ngo Van Thanh, Ho Van Giang, Nong Van Hai (2009). Isolation of GA20 gene encodes for Gibberellin 20- oxidase from *Arabidopsis thaliana*. *National Biotechnology Conference*. 154-156.
11. Ngo Van Thanh, Trinh Thi Thao, **Ha Van Huan**, Bui Van Thang, Chu Hoang Ha, Ho Van Giang (2009). Isolation of xylem-specific expression of a GRP1.8 promoter from *Phaseolus vulgaris* L. *National Biotechnology Conference*, 362-364.
12. Nguyen Van Phong, Phung Van Phe, Vu Thi Hue, **Ha Van Huan**, Bui Van Thang, Nguyen Quynh Trang, Nguyen Thanh Thuy Van (2009). Breeding *Cinamomum Balance* to Contribute the Enriching Forest Program. *Ecological Economy Journal*, 27 (46-50).
13. Vu Thi Hue, Bui Van Thang, Nguyen Viet Tung, Do Quang Trung, **Ha Van Huan**, Nguyen Thi Hong Gam, Ho Van Giang (2009). Analysis of genetic diversity selected *Calamus platyacanthus* clones for propagation basics. *Science & Technology Journal of Agriculture & Rural Development*
14. **Ha Van Huan**, Nguyen Nhu Phuong, Do Quang Trung, Ho Van Giang, Bui Van Thang, Nguyen Van Phong (2008). Researching propagation on *Jatropha curcas* L by plant cell – tissue culture technique for material afforestation biodiesel production. *Science & Technology Journal of Agriculture & Rural Development*, 43-45.
15. Bui Van Thang, Do Xuan Dong, Ho Van Giang, **Ha Van Huan**, Vu Kim Dung, Le Tran Binh and Chu Hoang Ha (2007). An efficient protocol for Agrobacterium – mediated genetic transformation of *Melia azedarach*.L. *National Sciential Conference: From Bioscience to Biotechnology and Bioindustry - Bio-Hanoi 2007*.
16. **Ha Van Huan**, Bui Van Thang and Nguyen Van Viet (2007). Cloning *AtTPP* gene for breeding against various stress conditions of transgenic plantation. *National Sciential Conference, Hanoi National University and Quy Nhon University*, 167-168..
17. Bui Van Thang, **Ha Van Huan**, Ho Van Giang and Nguyen Van Viet (2007) An efficient protocol for plant regeneration in chinaberry tree (*Melia azedarach* L.) via multiple shoot

- induction. *National Sciential Conference, Hanoi National University and Quy Nhon University*, 192-193.
18. **Ha Van Huan**, Dang Thanh Nam, Nguyen Bich Nhi, Phan Van Chi (2006). Expression of human erythropoietin in yeast *Pichia pastoris*. *Journal of Biotech*, 4(3): 303-307
  19. Tran Thi Long, **Ha Van Huan** and Nguyen Quoc Khang (2004). Test use of leaves vegetals for germination of rice. *Sciential Conference (oral), Hanoi National University*, 191-194.
  20. Nguyen Bich Nhi, Le Thi Bich Thao, **Ha Van Huan**, Dang Thanh Nam and Phan Van Chi (2003). *In vitro* testing of anti-cancer properties of Trichobakin derivatives. *National Biotechnology Conference (oral), Institute of Biotechnology (IBT), Vietnam Academy of Sciences and Technology (VAST)*.
  21. **Ha Van Huan**, Le Thi Bich Thao and Phan Van Chi (2003). Expression and purification of fusion protein HSP2 in *E.coli*. *Journal of VietNam Medicine*, 284 (5) : 6-9.
  22. Le Thi Bich Thao, **Ha Van Huan** and Phan Van Chi (2003). Construction of the expression vector for the fusion protein HSP2. *Journal of Vietnam Medicine*, 284(5) : 10-14.
  23. **Ha Van Huan**, Bui Van Thang and Ho Van Giang (2009). *Pinus massoniana* 4-coumarate:CoA ligase (4CL1) mRNA, complete cds. NCBI, *Accession No.* FJ810495
  24. Ngo Van Thanh, **Ha Van Huan**, Bui Van Thang and Chu Hoang Ha (2009). Phaseolus vulgaris glycine rich protein (GRP1.8) gene, promoter region. NCBI, *Accession No.* GQ38351

*Hanoi, 15 December 2015*

**Signature**

**Dr. Ha Van Huan**