

# Curriculum Vitae

## Chien Van Ha (Ph.D)

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### **A. Education**

- Doctor of Philosophy: Vietnam Academy of Agricultural Sciences, Hanoi, Vietnam. (in collaboration with RIKEN, Yokohama, Japan)  
Major: Biotechnology. Graduation: 2016.
- Master of Science: Hanoi University of Science, Vietnam National University, Hanoi, Vietnam.  
Major: Experimental Biology. Graduation: 2010.
- Bachelor of Science: Hanoi University of Science, Vietnam National University, Hanoi, Vietnam.  
Major: Biotechnology. Graduation: 2007.

### **B. Research/Employment History**

- 4/2023 – current: Research Assistant Professor, Texas Tech University, Texas, United State of America
- 12/2020 – current: Lab Manager and Financial Manager, Texas Tech University, Texas, United State of America
- 12/2020 – 3/2023: Research Scientist, Texas Tech University, Texas, United State of America.
- 01/2018 – 11/2020: Postdoctoral Scientist, Donald Danforth Plant Science Center, Missouri, United State of America.
- 04/2017 – 01/2018: Postdoctoral Researcher, RIKEN Center for Sustainable Resource Science, RIKEN, Japan.
- 05/2016 – 03/2017: Technical Staff, RIKEN Center for Sustainable Resource Science, RIKEN, Japan.
- 04/2015 – 04/2016: Team leader, Genetic Manipulation Team, National Key Laboratory for Plant Cell Biotechnology, Agricultural Genetics Institute, Vietnam.
- 04/2012 – 03/2015: Ph.D. student, International Program Associate fellowship, RIKEN Center for Sustainable Resource Science, RIKEN, Japan.
- 08/2007 – 03/2012: Researcher, National Key Laboratory for Plant Cell Biotechnology, Agricultural Genetics Institute, Vietnam.

### **C. Fellowships/Awards/Grants/Patents**

#### **I. Fellowships:**

- International Program Associate fellowship, Signaling Pathway Research Unit, RIKEN Center for Sustainable Resource Science, Japan (2012 –2015), ¥8,100,000.
- Japan Society for the Promotion of Science fellowship, Japan (2018-2020, declined).
- Special Postdoctoral Researcher fellowship, RIKEN Center for Sustainable Resource Science, Japan (2018-2021, declined).

#### **II. Awards:**

- RIKEN Center for Sustainable Resource Science incentive award FY 2013, RIKEN Center for Sustainable Resource Science, 2014, ¥500,000.
- RIKEN Center for Sustainable Resource Science incentive award FY 2016, RIKEN Center for Sustainable Resource Science, 2017, ¥500,000.
- American Society of Plant Biologists (ASPB) travel award 2020, American Society of Plant Biologists, USA, 2020, \$500.

### **III. Grants:**

#### ***Funded and Pending***

- **PI** (2012-2013) and Project Manager (2015-2016), Vietnam Ministry of Science and Technology, Vietnam (**Finished**, \$220,000)
- **PI** (2024-2026), Cotton Incorporated (**Funded**, \$105,000).
- **Co-PI** (2022-2024) Cotton Incorporated (**Funded**, \$95,000).
- **Co-PI** (2024-2026) U.S. DEPARTMENT OF AGRICULTURE (Pending, \$300,000).

#### ***Not funded***

- **PI** (2023), United Soybean Board (\$109,668).
- **Co-PI** (2023) U.S. DEPARTMENT OF AGRICULTURE (Pulse Crop Health Initiative) (\$289,955).
- **Co-PI** (2023), United Soybean Board (\$109,668).
- **Co-PI** (2023), United Soybean Board (\$109,668).
- **Co-PI** (2022), U.S. DEPARTMENT OF AGRICULTURE (\$300,000).
- **PI** (2022), Halo Science, Bayer (\$100,000).
- **PI** (2022), Pepsico (\$25,000).
- **Co-PI** (2021) U.S. DEPARTMENT OF AGRICULTURE (USDA-NIFA-ICGP-008060) (\$320,934).
- **PI** (2021) Halo Science, Bayer (\$100,000).
- **PI** (2021) Halo Science, Bayer (\$100,000).
- **PI** (2022) United Soybean Board (\$99,656).
- **Co-PI** (2022) U.S. DEPARTMENT OF AGRICULTURE (Pulse Crop Health Initiative) (\$363,353).

### **IV. Patents:**

U.S. Provisional Pat. App. No. 63/388,878 (Filed on 07/13/2022)

International Pat. App. No. PCT/US2023/027600 (Filed on 07/13/2023)

### **D. Teaching and scientific mentoring:**

#### **Teaching assistant**

- Teaching assistant, Maize transformation technology course, Agricultural Genetics Institute, Hanoi, Vietnam (10-11/2011) (Dr. Thu Pham).
- Teaching assistant, Genetic analysis and gene generation course, Vietnam Academy of Agricultural Sciences, Hanoi, Vietnam (12/2013-2/2014) (Dr. Dong Van Nguyen).

#### **Scientific mentoring**

- Mentor of 8 REU internship students (Austin Wheelock, Bryanna Fayne, Bria Pope, Marisa Werner, Alexis Rooks, Eric Flores, Melena Whitlow, and Kimani Grey-Campbell) at Texas Tech University

(June – July, 2023).

- Mentor of 3 Ph.D (Vy Le, Sanjida Kenya, Mezanur Rahman) and a Master of Science (MS) (Touhidur Anik) students in Tran's Lab, Texas Tech University (Dec, 2020 - current).
- Mentor of a REU internship student (Anastasiya Andriyash), Donald Danforth Plant Science Center, MO, USA (May – August, 2019).
- Mentor of a high school student (Emily Ferbet), Donald Danforth Plant Science Center, MO, USA (April – May, 2018).
- Mentor of 4 MS students (Nga Thanh Le graduated at Vietnam National University of Agriculture in 2018; Anh Trung Nguyen graduated at Hanoi University of Science and Technology in 2017; Hung Duy Tran, and Phuong Thi Nguyen graduated at Vietnam Academy of Science and Technology in 2015), National Key Laboratory for Plant Cell Biotechnology, Agricultural Genetics Institute, Hanoi, Vietnam (April, 2015 – April, 2016).
- Mentor of a MS trainee (Yu Li), Signaling Pathway Research Unit, RIKEN Center for Sustainable Resource Science, RIKEN, Yokohama, Japan (September, 2014 – March, 2015).
- Mentor of 4 Bachelor of Science students (Kien Huu Nguyen, Hieu Le and Oanh Kim graduated at Thai Nguyen University in 2010 & 2011, and Hien Bui graduated at Hanoi University of Science in 2010), National Key Laboratory for Plant Cell Biotechnology, Agricultural Genetics Institute, Hanoi, Vietnam (December, 2007 – July, 2011).

#### **E. Professional memberships and activities:**

- Member, the Japanese Society Plant Physiologists, 2013-2017.
- Co-organizer, the 10<sup>th</sup> Vietnam-Japan Scientific Exchange Meeting, Tokyo, Japan 2017.
- Member, American Society of Plant Biologists.
- Member, the North American Plant Phenotyping Network.
- Member, the International Plant Phenotyping Network.
- Judge of the 2022 Plant and Soil Science Student Research Symposium, Texas Tech University
- Board Editor: PlosOne, Plants.
- Guest Editor: Cells, Genes, Plants.
- Review Editor on the Editorial Board of Plant Abiotic Stress and Frontiers for Young Minds-Chemistry and Materials, Frontiers in Plant Science.
- Reviewer of journals: Acta Botanica Brasilica, Antioxidants, Agriculture, Agronomy, BMC Plant Biology, Cells, Computational Biology and Chemistry, Frontiers in Plant Science, Journal of Proteome Research, PeerJ, Plant and Cell Physiology, Plant Growth Regulation, Plant Molecular Biology, Plant-Environment Interactions, Plants, Plant Signaling & Behavior, PloS One, Protoplasma, Scientific Reports.

#### **F. Invited speaker:**

- “Roles of AHP4 in plant drought stress response in *Arabidopsis thaliana*”, IGCAS fall symposium, December 7<sup>th</sup>, 2022, Lubbock, Texas, USA.
- “Roles of AGB1 and AGG3 in ABA and drought stress response at protein levels in *Arabidopsis thaliana*”, American Society of Plant Biologists Annual meeting, August 4<sup>th</sup>, 2019, San Jose, California, USA.
- “Strigolactone: a positive regulator of plant responses to drought and salt stress”, The 10<sup>th</sup>

Vietnam-Japan Scientific Exchange Meeting, September 8<sup>th</sup>, 2017, Tokyo, Japan.

- “The *Arabidopsis* response regulator (ARR) 1, 10, 12 negatively and redundantly regulate in plant responses to drought”, RIKEN Center for Sustainable Resource Science, July 21<sup>st</sup>, 2017, Wako, Saitama, Japan.

## **Publications**

### **Research papers**

#### **2023**

1. Sharma A, Gupta A, Ramakrishnan M, **Ha CV**, Zhen B, Tran LS (2023). Role of auxins and abscisic acid during drought stress: a molecular point of view. **Plant Physiology and Biochemistry**. (under revision)
2. Khan AMR, Mahmud A, Ghosh UK, Hossain MS, Siddiqui MN, Islam AKMA, Anik TR, Rahman MM, Sharma A, Abdelrahman M, **Ha CV**, Mostofa MG, Tran LS (2023). Exploring the correlation of phenotypic and genetic variability with yield and yield-related traits in Aus rice using multivariate analysis. **Plants**. (under revision)
3. Nguyen HM, **Ha CV\***, Le VP, Bui HT, Wirschell M, Keya S, Li W, Li M, Pham NT, Do AM, Le MQ, Anik TR, Tran LS\* (2023) Improvement of photosynthetic performance by acetic acid to enhance drought resistance in common bean (*Phaseolus vulgaris*). **Journal of Plant Growth Regulation** **2023**: 1-13. <https://doi.org/10.1007/s00344-023-11001-3> (\*co-corresponding author).
4. Somaddar U, Mia S, Khalil MI, Sarker UK, Uddin MR, Kaysar MS, Chaki AK, Robin AHK, Hashem A, Abd\_Allah EF, **Ha CV**, Gupta A, Park JI, Tran LS, Saha G (2023). Effect of Reproductive stage-waterlogging on the growth and yield of upland cotton (*Gossypium hirsutum*). **Plants** **12**: 1548. doi: 10.3390/plants12071548

#### **2022**

5. **Ha CV**, Mostofa MG, Nguyen KH, Tran CT, Watanabe Y, Li W, Osakabe Y, Sato M, Toyooka K, Tanaka M, Seki M, Burritt DJ, Anderson C, Zhang R, Mochida K, Le HT, Le VP, Tran LS (2022) The histidine phosphotransfer AHP4 plays a negative role in Arabidopsis plant response to drought. **Plant Journal**, doi: 10.1111/tpj.15920.
6. Smythers A, Bhatnagar N, **Ha CV**, McConnell E, Mohanasundaram B, Hicks L, Pandey S (2022). Abscisic acid controlled redox proteome of Arabidopsis and its regulation by heterotrimeric G-proteins. **New Phytologist**. <https://doi.org/10.1111/nph.18348>.
7. Feng Z, Liang X, Tian H, Watanabe Y, Nguyen KH, Tran CD, Abdelrahman M, Xu K, Mostofa MG, **Ha CV**, Mochida K, Tian C, Tanaka M, Seki M, Liang Z, Miao Y, Tran LS, Li W (2022), SUPPRESSOR of MAX2 1 (SMAX1) and SMAX1-LIKE2 (SMXL2) negatively regulate drought resistance in *Arabidopsis thaliana*. **Plant Cell Physiology** pcc080.
8. Tian H, Watanabe Y, Nguyen KH, Tran CD, Abdelrahman M, Liang X, Xu K, Sepulveda C, Mostofa MG, **Ha CV**, Nelson DC, Mochida K, Tian C, Tanaka M, Seki M, Miao Y, Tran LS, Li W (2022). KARRIKIN UPREGULATED F-BOX 1 negatively regulates drought tolerance in Arabidopsis. **Plant Physiology** **190**: 2671-2687. doi: 10.1093/plphys/kiac336
9. Pandey S, Choudhury SR, **Ha CV**, Mohanasundaram B, Li M, Dodds A, (2022) Evolutionarily conserved and non-conserved roles of heterotrimeric G $\alpha$  proteins of plants". **Plant Cell Physiology** **63**:817-828.

10. La HV, Chu HD, Tran CD, Nguyen KH, Le QTN, Hoang CM, Cao BP, Phan ATC, Nguyen BD, Nguyen TQ, Nguyen LV, **Ha CV**, Le HT, Le HH, Le TD, Tran LP (2022). Insights into the gene and protein structures of the *CaSWEET* family members in chickpea (*Cicer arietinum*), and their gene expression patterns in different organs under various stress and abscisic acid treatments. **Gene** **819**:146210.

## 2021

11. Mostofa MG<sup>1</sup>, **Ha CV**<sup>1</sup>, Rahman MM, Nguyen KH, Keya SS, Watanabe Y, Itouga M, Hashem A, Abd\_Allah EF, Fujita M, Tran LP (2021). Strigolactones modulate cellular antioxidant defense mechanisms to mitigate arsenate toxicity in rice shoots. **Antioxidants** **10**:1815. (<sup>1</sup>equally contribution)
12. Sako K, **Ha CV**, Matsui A, Tanaka M, Sato A, Seki M (2021). Transcriptome Analysis of Arabidopsis thaliana Plants Treated with a New Compound Natolen128, Enhancing Salt Stress Tolerance. **Plants** **10**: 978.
13. Nguyen DV, Nguyen HM, Thanh Le NT, Nguyen KH, Nguyen HT, Le HM, Nguyen AT, Dinh NTT, Hoang SA, **Ha CV**\* (2021). Copper nanoparticle application enhances plant growth and grain yield in maize under drought stress conditions. **Journal of Plant Growth Regulation** **41**: 364-375. (\*corresponding author)

## 2020

14. **Ha CV**, Nguyen KH, Mostofa MG, Tran CT, Watanabe Y, Li W, Osakabe Y, Sato M, Toyooka K, Tanaka M, Seki M, Burritt DJ, Anderson C, Zhang R, Tran LS (2020) The histidine phosphotransfer AHP4 plays a negative role in Arabidopsis plant response to drought. **BioRxiv** 2020. doi.org/10.1101/2020.07.30.229971.

## 2019

15. Sulieman S, Kusano M, **Ha CV**, Watanabe Y, Abdalla MA, Abdelrahman M, Kobayashi M, Saito K, Mühling KH, Tran LS (2019). Divergent metabolic adjustments in nodules are indispensable for efficient N<sub>2</sub> fixation of soybean under phosphate stress. **Plant Science** **289**:110249.
16. Hoang SA, Nguyen QL, Nguyen HN, Tran CQ, Nguyen DV, Le NT, **Ha CV**, Vu QN, Phan CM (2019). Metal nanoparticles as effective promoters for Maize production. **Scientific Reports** **9**: 13925.
17. Li W, Nguyen K, **Ha CV**, Watanabe Y, Tran LS (2019). Crosstalk between the cytokinin signaling and MAX2 signaling in growth and callus formation of Arabidopsis thaliana. **Biochemical and Biophysical Research Communications** **511**(2):300-306.
18. Utsumi Y, Utsumi C, Tanaka M, **Ha CV**, Takahashi S, Akihiro Matsui, Matsunaga TM, Matsunaga S, Seo M, Okamoto Y, Moriya E, Seki M (2019). Acetic Acid Treatment Enhances Drought Avoidance in Cassava (*Manihot esculenta Crantz*). **Frontiers in Plant Science** **10** :521

## 2018

19. Li W, Nishiyama R, Watanabe Y, **Ha CV**, Kojima M, An P, Tian C, Sakakibara H, Tran LS (2018). Effects of overproduced ethylene on the contents of other phytohormones and expression of their key biosynthetic genes. **Plant Physiology and Biochemistry** **128**: 170-177.
20. Nguyen KH, Mostofa MG, Li W, **Ha CV**, Watanabe Y, Le DT, Thao NP, Tran LS (2018). The soybean transcription factor GmNAC085 enhances drought tolerance in *Arabidopsis*.

**Environmental and Experimental Botany** **151**: 12-20.

## 2017

21. Nguyen HM, Sako K, Matsui A, Suzuki Y, Mostofa MG, **Ha CV**, Tanaka M, Tran LS, Habu Y, Seki M (2017). Ethanol Enhances High-salinity Stress Tolerance by Detoxifying Reactive Oxygen Species in *Arabidopsis thaliana* and Rice. **Frontiers in Plant Science** **8**: 1001.
22. Esfahani MN, Inoue K, Chu HD, Nguyen KH, **Ha CV**, Watanabe Y, Herrera-Estrella L, Mochida K, Tran LS (2017). Comparative transcriptome analysis of nodules of two *Mesorhizobium*-chickpea associations with differential symbiotic nitrogen fixation capacity under phosphate deficiency. **The Plant Journal** **91** (5): 911-926.
23. Li W, Nguyen KH, Chu HD, **Ha CV**, Watanabe Y, Osakabe Y, Leyva-González MA, Sato M, Toyooka K, Voges L, Tanaka M, Seki M, Seo M, Yamaguchi S, Nelson DC, Herrera-Estrella L, Tran LS (2017). The karrikin receptor KAI2 promotes drought resistance in *Arabidopsis thaliana*. **PLoS Genetics** **13** (11): e1007076.

## 2016

24. Nguyen KH\*, **Ha CV**\*, Nishiyama R\*, Watanabe Y, Leyva-González MA, Fujita Y, Tran UT, Tanaka M, Li W, Seki M, Schaller GE, Herrera-Estrella L, Tran LS (2016). *Arabidopsis* type B cytokinin response regulators ARR1, ARR10, and ARR12 negatively regulate plant responses to drought. **Proceedings of the National Academy of Sciences of the United States of America** **113**: 3090 – 5. (\* equal contribution).
25. Esfahani MN, Kasuno M, Nguyen KH, Watanabe Y, **Ha CV**, Saito K, Sulieman S, Herrera-Estrella L, Tran LS (2016). Adaptation of symbiotic *Mesorhizobium*-chickpea relationship to phosphate deficiency relies on reprogramming of whole plant metabolism. **Proceedings of the National Academy of Sciences of the United States of America** **113**: E4610-4619.

## 2015

26. **Ha CV**, Watanabe Y, Tran UT, Le DT, Tanaka M, Nguyen KH, Seki M, Nguyen DV, Tran LS (2015). Comparative analysis of root transcriptomes from two contrasting drought-responsive Williams 82 and DT2008 soybean cultivars revealed differentially expressed genes under dehydration stress. **Frontiers in Plant Science** **6**:551.
27. Nguyen KH, **Ha CV**, Watanabe Y, Tran UT, Esfahani MN, Nguyen DV, Tran LS (2015). Correlation between differential drought tolerability of two contrasting drought-responsive chickpea cultivars and differential expression of a subset of *CaNAC* genes under normal and dehydration conditions. **Frontiers in Plant Science** **6**:449.
28. Sulieman S, **Ha CV**, Esfahani MN, Watanabe Y, Nishiyama R, Pham CTB, Nguyen DV, Tran LS (2015). DT2008: A promising new genetic resource for improved drought tolerance in soybean when solely dependent on symbiotic N<sub>2</sub> fixation. **BioMed Research International** **2015**:687213.

## 2014

29. **Ha CV**, Esfahani MN, Watanabe Y, Sulieman S, Mochida K, Nguyen DV, Tran LS (2014). Genome-wide identification and expression analysis of the *CaNAC* family members in chickpea during development, dehydration and ABA treatments. **PLoS One** **9**:e114107.
30. **Ha CV**, Leyva-Gonzalez MA, Osakabe Y, Tran TU, Nishiyama R, Watanabe Y, Tanaka M, Seki M, Yamaguchi S, Dong NV, Yamaguchi-Shinozaki K, Shinozaki K, Herrera-Esterella L, Tran LS (2014). Positive regulatory role of strigolactone in plant responses to drought and salt stress. **Proceedings of the National Academy of Sciences of the United States of America** **111**:851-6.

## 2013

31. **Ha CV**, Le DT, Nishiyama R, Watanabe Y, Sulieman S, Tran UT, Mochida K, Dong NV, Yamaguchi-Shinozaki K, Shinozaki K, Tran LS (2013). The auxin response factor transcription factor family in soybean: genome-wide identification and expression analyses during development and water stress. **DNA Research** **20**:511-24.
32. **Ha CV**, Le DT, Nishiyama R, Watanabe Y, Dong NV, Tran UT, Tran LS (2013). Characterization of the newly developed soybean cultivar DT2008 in relation to the model variety W82 reveals a new genetic resource for comparative and functional genomics for improved drought tolerance. **BioMed Research International** **2013**:759657.
33. Thao NP, Thu NBA, Hoang TLX, **Ha CV**, Tran LS (2013). Differential expression analysis of a subset of drought-responsive *GmNAC* genes in two soybean cultivars differing in drought tolerance. **International Journal of Molecular Sciences** **14**: 23828-41.
34. Sulieman S, **Ha CV**, Schulze J, Tran LS (2013). Growth and nodulation of symbiotic *Medicago truncatula* at different levels of phosphorus availability. **Journal of Experimental Botany** **64**:2701-12.
35. Nishiyama R, Watanabe Y, Leyva-Gonzalez MA, **Ha CV**, Fujita Y, Tanaka M, Seki M, Yamaguchi-Shinozaki K, Shinozaki K, Herrera-Estrella L, Tran LS (2013). *Arabidopsis* AHP2, AHP3 and AHP5 histidine phosphotransfer proteins function as redundant negative regulators of drought stress response. **Proceedings of the National Academy of Sciences of the United States of America** **110**:4840-5.

## 2012

36. Le DT, Aldrich DL, Valliyodan B, Watanabe Y, **Ha CV**, Nishiyama R, Guttikonda SK, Quach TN, Gutierrez-Gonzalez JJ, Tran LS, Nguyen HT (2012). Evaluation of candidate reference genes for normalization of quantitative RT-PCR in soybean tissues under various abiotic stress conditions. **PLoS One** **7**:e46487.

## Book chapter

37. Mochida K, **Ha CV**, Sulieman S, Dong NV, Tran LS (2015). Databases of transcription factors in legumes, in “Biological Nitrogen Fixation”, Ed. de Bruijn FJ. Wiley-Blackwell, John Wiley & Sons, Hoboken, NJ 07030-5774, USA, pp. 817-21.

## Conferences

1. **Ha CV**, Nguyen HM, Tran LS (2022). The *Arabidopsis* histidine phosphotransfer AHP4 plays a negative regulatory role in plant drought response. IGCAS Fall Symposium 2022, Dec 7, Lubbock, Texas, USA.
2. Nguyen HM, Bui H, **Ha CV**, Tran LS (2022). Acetic acid alters photosynthetic activities to enhance drought tolerance in common bean (*Phaseolus vulgaris*). 31<sup>st</sup> Western Photosynthesis Conference, March 24-25, 2022.
3. **Ha CV**, Anastasia A, Pandey S (2020). G-proteins negatively function in regulating plant heat stress response in *Arabidopsis thaliana*. Annual meeting of American Society of Plant Biologists, July 26-31, 2020, Washington DC, USA.

4. **Ha CV**, Anastasia A, Pandey S (2019). Roles of G-proteins in heat stress response in *Arabidopsis thaliana*. Annual scientific retreat of Plant and Microbial Biosciences, Washington University, Oct 14, Saint Louis, Missouri, USA
5. **Ha CV**, Anastasia A, Pandey S (2019). Roles of G-proteins in heat stress response in *Arabidopsis thaliana*. Fall Symposium 2019, Sep 25-27, Saint Louis, Missouri, USA.
6. **Ha CV**, Evan MC, Hicks L, Pandey S (2019). Roles of AGB1 and AGG3 in ABA and drought stress response at proteome level in *Arabidopsis thaliana*. Annual meeting of American Society of Plant Biologists, Aug 3-7, 2019, San Jose, California, USA.
7. **Ha CV**, Pandey S (2019). Developing drought tolerant crops by chemical application. Annual scientific retreat, Donald Danforth Plant Science Center, May 22-24, 2019, Missouri, USA.
8. Bashir K, Sultana S, Tanaka M, **Ha CV**, Habu Y, Tsubui Y, Kikuchi J, Watanabe S, Seo M, Ando E, Kinoshita T, Seito M, Kawaura K, Fujita M, Shinozaki K, Seki M (2019). Ethanol mediated drought stress tolerance in plants. The 59<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 13-15, Nagoya, Japan
9. **Ha CV**, Pandey S (2018). ABA and G-protein mediate redox mechanism in Arabidopsis. Fall Symposium 2018, Sep 26-28, Saint Louis, Missouri, USA.
10. **Ha CV**, Li Y, Mostofa MG, Watanabe Y, Li W, Nguyen KH, Tanaka M, Seki M, Sato M, Toyooka K, Osakabe Y, Tran LS (2017). The *Arabidopsis* histidine phosphotransfer AHP4 plays a negative regulatory role in plant drought response. The 58<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 16-18, Kagoshima, Japan.
11. Watanabe Y, **Ha CV**, Le DT, Nishiyama R, Tran UT, Sakakibara H, Adams E, Shin R and Tran LS (2017) *In planta* functional analysis of the drought-responsive *GmCKX13* gene from soybean. The 58<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 16-8, Kagoshima, Japan
12. Nguyen KH, **Ha CV**, Watanabe Y, Tran UT, Esfahani MN, Nguyen DV, Tran LS (2016). Genome-wide identification and expression analysis of the CaNAC family members in chickpea cultivars with contrasting drought tolerance during development, dehydration and ABA treatments. The 57<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 18-20, Morioka, Japan.
13. Watanabe Y, **Ha CV**, Le DT, Nishiyama R, Tran UT, Sakakibara H, Adams E, Shin R and Tran LS (2016) *In planta* functional analysis of the drought-responsive *GmCKX13* gene from soybean. The 57<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 18-20, Morioka, Japan
14. Tran LS, **Ha CV**, Watanabe Y, Tran UT, Tanaka M, Seki M, Nguyen DV (2015). Comparative analysis of root transcriptomes from two contrasting drought-responsive Williams 82 and DT2008 soybean cultivars revealed differentially expressed genes under dehydration stress. Plant Genomics Congress: Asia, Mar 19-20, 2015, Kuala Lumpur, Malaysia.
15. **Ha CV**, Watanabe Y, Tran TU, Tanaka M, **Seki M**, Tran LS (2015). Comparative root transcriptome analyses of two soybean cultivars with contrasting drought-tolerant phenotype under well-watered and dehydration conditions. The 56<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 16-18, Tokyo, Japan.
16. Nishiyama R, Watanabe Y, Leyva-Gonzalez MA, **Ha CV**, Fujita Y, Tanaka M, Seki M, Yamaguchi-Shinozaki K, Shinozaki K, Herrera-Estrella L, Tran LS (2014). *Arabidopsis* histidine



phosphotransfer proteins AHP2, AHP3 and AHP5 function as redundant negative regulators of drought stress response. The 55<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 18-20, Toyama, Japan.

17. Watanabe Y, **Ha CV**, Le TD, Nishiyama R, Tran TU, Adams R, Shin R, Sakakibara H, Tran LS (2014). *In planta* functional analysis of the drought-responsive *GmCKX13* gene from soybean. The 55<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 18-20, Toyama, Japan.
18. **Ha CV**, Leyva-Gonzalez MA, Osakabe Y, Tran TU, Nishiyama R, Watanabe Y, Tanaka M, Seki M, Yamaguchi S, Dong NV, Yamaguchi-Shinozaki K, Shinozaki K, Herrera-Esterella L, Tran LS (2014). Strigolactone: a positive regulator of plant responses to drought and salt stress. The 55<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 18-20, Toyama, Japan.
19. **Ha CV**, Le DT, Watanabe Y, Tran UT, Tran LS (2013). Transcripts of auxin/IAA-response factors and cytokinin metabolic genes in two soybean cultivars with contrasting phenotypes. The 54<sup>th</sup> Annual Meeting of the Japanese Society of Plant Physiologists, Mar 21-23, Okayama, Japan.