**CURRICULUM VITAE**

**Name:** Thi Tuyet Cham Le

**Date and place of birth:** 11 August 1979, Bac Giang, Viet nam

**Address:** Department of Plant Genetics and Breeding

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| **Nationality:**  |  | Vietnamese   |
| **Work experience:**  |  |   |
| **2013 to date**  |  | Vietnam National University of Agriculture, Faculty of Agronomy, Dept. Plant Genetics and Breeding, Trau Quy, Gia Lam, Ha noi, Viet nam.  |
| **2013**   **PhD:**  |  | Saarland University, Dept. Biosciences - Plant Biology, 66123 Saarbruecken, Germany. Group of Prof. Petra Bauer.  |
| **2008 – 2013** **Masters Degree:**  |  | Saarland University, Dept. Biosciences-Plant Biology, 66123 Saarbruecken, Germany. Supervisor: Prof. Dr. Petra Bauer. ***Thesis title:*** The Zn-Finger Transcription Factor ZAT12: A Molecular Link Between Iron Deficiency Responses And Oxidative Stress.  |
| **2001 – 2003**  |  | Food Industry Research Institute, Center for Industrial  |

Microbiology, Vietnam

Supervisor: Dr. Nguyen Thanh Vu.

***Thesis title:*** Rapid Detection of ***Salmonella, Shigella,***

***E.coli*** in food with Polymerase Chain Reaction in Vietnam

**Higher Education:**

**1997 - 2001** Viet nam NationalUniversity, University of Science

Faculty of Biology.

Speciality Biotechnology.

**Education:**

**1994 - 1997** Ngo Si Lien Secondary School, Bac Giang.

 Profile Natural Sciences

**Fellowships and awards:**

**1997- 2001** Fellowships from University of Science for very good results in education

**Languages:** Vietnamese, English.

**Other skills**

 Good at using Bioinformatics tools (DNAstar, ApE, iQ5, Image J, ClustalX) Very good at Molecular Biology, especially on gene cloning and expression:

* DNA: g DNA, Plasmid extraction, Transformation, PCR, Mutagenesis
* RNA: RNA extraction, cDNA synthesis, Real-time PCR, BiFC
* Protein: Protein extraction, Western Blot, Protein-protein interaction (Y2H, CoIP)
* Imaging: Fluorescence, Confocal, H2O2/ROS/Fe staining **Publication:**

***SCI paper***

1. Tzvetina Brumbarova, **Cham Thi Tuyet Le**, Rumen Ivanov, Petra Bauer (2015).

REGULATION OF ZAT12 PROTEIN STABILITY: THE ROLE OF

HYDROGEN PEROXIDE.Plant Signaling and Behavior. Volume 11, Issue 2.

1. **Cham Thi Tuyet Le**, Brumbarova T, Ivanov R, Stoof C, Weber E, Mohrbacher J,

Fink-Straube C, Bauer P (2016) ZINC FINGER OF ARABIDOPSIS THALIANA12 (ZAT12) Interacts with FER-LIKE IRON DEFICIENCY-INDUCED

TRANSCRIPTION FACTOR (FIT) Linking Iron Deficiency and Oxidative Stress Responses. **Plant physiology** 170(1):540-557.

***Conference presentations:***

1. Inga Mohr, Tzvetina Brumbarova, Cham Thi Tuyet Le, Claudia Stoof, Petra

Bauer. **Regulation of Reactive Oxygen Species Production under Iron Deficiency.** International Workshop on Plant Membrane Biology, June 5-10, 2016, Annapolis, Maryland, USA.

1. Brumbarova Tzvetina, **Le, Cham Thi Tuyet**; Ivanov, Rumen; Stooof, Claudia; Weber, Eva; Mohrbacher, Julia; Fink-straube, Claudia, Bauer, Petra. Zinc finger of Arabidopsis thaliana 12 (ZAT12) interacts with FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FACTOR (FIT) linking iron deficiency and Oxidative stress responses. From Molecules to the field, Botanikertagung 2015, 30 Aug -3 Sep, 2015, Weihenstephan, Germany.
2. **Cham Thi Tuyet Le,** Tzvetina Brumbarova, Rumen Ivanov, Eva Weber, Julia Mohrbacher, Claudia Fink-Straube, Petra Bauer, 2014. The transcription factor

ZAT12 links Iron deficiency and oxidative stress responses by interacting with the

FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FACTOR (FIT).

The 17th International Symposium on Iron Nutrition and Interactiongs in Plants. Gasterlaben, Germany (Poster)

1. **Cham Thi Tuyet Le**, Tzvetina Brumbarova, Rumen Ivanov, Julia Mohrbacher,

Petra Bauer, 2012. The Zn-Finger Transcription Factor ZAT12: A Molecular Link Between Iron Deficiency Responses And Oxidative Stress. Redox Biology Symposium”.11 - 12 April 2013, Kaiserslautern, Germany (Poster).

1. **Cham Thi Tuyet Le**, Tzvetina Brumbarova, Rumen Ivanov, Julia Mohrbacher, Petra Bauer, 2012. The Zn-Finger Transcription Factor ZAT12: A Molecular Link Between Iron Deficiency Responses And Oxidative Stress. The 1st Summer Academy in Plant Molecular Biology. 9  11 July, 2012**,** Freudenstadt, Germany (Poster)
2. **Cham Thi Tuyet Le**, Tzvetina Brumbarova, Rumen Ivanov, Julia Mohrbacher,

Petra Bauer, 2012. The Zn-Finger Transcription Factor ZAT12: A Molecular Link Between Iron Deficiency Responses And Oxidative Stress. The 23rd International Conference on Arabidopsis Research. 3-7 July, Vienna, Austria (Poster).