**Curriculum vitae**

**1. Name**: PHAM Tuan Anh (male/female): male

**2. Date of Birth**: 14 March, 1980

**3. Address**: Tho Khe- Dong Tho- Yen Phong-Bac Ninh

**4. Office**: Dept. of Plant Physiology, Faculty of Agronomy, Hanoi University of Agriculture

**5. Office address**: Ngo Xuan Quang, Trau Quy, Gia Lam, Ha Noi

**6. E-mail**: [ptanh@vnua.edu.vn](mailto:ptanh@vnua.edu.vn); [ptanh140380@gmail.com](mailto:ptanh140380@gmail.com) **Fax:** +84-438-276-473;

**Tel:** +84-982-880-391

**7. Employment**:　 Lecturer

**8. Position:** Deputy head of Department

**9. Major**: Plant Physiology, Applied Plant Physiology

**10. Academic background:**

|  |
| --- |
| * 2007-2012: The University of Suwon, South Korea.   Doctor of Science in Biology. Tite of dissertation: Development of a mycoinsecticide fora control and its combined effect with plant extract |
| * 2002-2005: Hanoi University of Sciences, Vietnam   Master in Biology. Title of thesis: Development of ELISA-lectin kit for test some pathological antibodies and antigents |
| * 1997-2001: Hanoi University of Sciences, Vietnam   Bachelor in Biotechnology. Title of thesis: Purified lectin from *Lens culinaris,* L. using affinity chromatography Sephadex-G75 |

**11. Employment record:**

* 2005-2007: Hanoi University of Agriculture, Lecturer
* 2007-2012: The university of Suwon, PhD student
* 2012-now: Hanoi University of Agriculture, Lecturer

**12. Direction of research in last 5 years**

* Bioenergy (bioethanol), enzymology (glucoamylase, pectinase, cellulase, …)
* Biocontrol (Aphid control using mixtrue of *Beauveria* and plant extract)
* Collection, preservation and exploitation of vegetable genetic sources (Cucurbits, Allium crops) and application in improving and breeding of vegetable varieties.
* Identification and functional analysis of the interaction between kinase proteins and transcription factors that are involved in regulation of stress tolerance in *Arabidopsis*

**13. Teaching course**

* Plant physiology
* Applied Plant physiology

**14. Research Project Coordinator**

* Aphid control using mixture of *Beauveria bassiana* and plant extract. Ministry for food, agriculture, forestry and rural fisheries; Rural Development of Administration, Korea (PJ006640), from 2008-2011.
* Identification and functional analysis of the interaction between MAP kinase proteins and transcription factors that are involved in regulation of stress tolerance in *Arabidopsis*. Nafosted (2014-2016)
* Collection, preservation and exploitation of vegetable genetic sources (*Allium cepa* L, Aggretatum crops) and application in improving and breeding of vegetable varieties. Ministry of Education and Training (2014-2015).

**15. Experience in Education and Science Society**

**16. Supervisor for PhD student**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Name** | **Title of thesis** | **Period** | **Institute** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**17. Publication**

**17.1. Books**

**17.2. Papers**

1. DO Ngoc Lien, **PHAM Tuan Anh**, NGUYEN Van Loi, DAO Kim Chi, 2003. **Purified lectin from *Lens culinaris,* L. Using affinity chromatography Sephadex-G75**. Journal of Genetics and applications, 4: 11-15 (*Vietnamese*).
2. DO Ngoc Lien, NGUYEN Van Loi,BUI Phuong Thuan, TRAN Thi Phuong Lien, **PHAM Tuan Anh**, 2004. **Using lectin from Vietnam resources in pathological antibodies research**. Journal of Military Phamaco-medicine. Special Issue, National Immune Conference: 295 - 299. (*Vietnamese*).
3. **Pham TA**, Kim JJ, Kim SG, Kim K. **Production of Blastospore of Entomopathogenic Beauveria bassiana in a Submerged Batch Culture.** Mycobiology. 2009; 37 (3): 218-224.
4. Vu VH, **Pham TA**, Kim K. **Fungal Strain Improvement for Cellulase Production Using Repeated and Sequential Mutagenesis.** Mycobiology. 2009; 37 (4): 267-271.
5. Van Hanh Vu, **Tuan Anh Pham**, Keun Kim. **Improvement of Fungal Strain by Repeated and Sequential Mutagenesis and Optimization of Solid State Fermentation for the Hyper-Production of Raw-Starch-Digesting Enzyme**. Journal of Microbiology and Biotechnology. 2010; 20 (4): 718-726.
6. **Pham TA**, Kim JJ, Kim K. **Optimization of Solid-State Fermentation for Improved Conidia Production of Beauveria bassiana as a Mycoinsecticide.** Mycobiology. 2010;38 (2):137-143
7. Vu VH, **Pham TA**, Kim K. **Improvement of Fungal Cellulase Production by Mutation and Optimization of Solid State Fermentation.** Mycobiology. 2011; 39 (1): 20-25.
8. Nguyen Xuan Canh, Dang Xuan Nghiem, **Phạm Tuan Anh**, Bui Manh Hung . Identification of MYB77 transcription factor as a novel substrate of MPK3/6 in vitro. Journal of Biology, 2015; 37 (1se): 27-32.

**17.3. Proceeding in workshop and seminar**

1. DO Ngoc Lien, **PHAM Tuan Anh**, NGUYEN Van Loi, DAO Kim Chi, 2003. Purified lectin from *Lens culinaris,* L. Using affinity chromatography Sephadex-G75. Nattional Biotechnology Conference, Dec 2003:512-514 (*Vietnamese*).
2. **Tuan Anh Pham**, Keun Kim. Effect of different liquid media and pH on the the spore production of entomopathogenic fungus *Beauveria bassiana*. International Symposium and Annual Meeting. The Korean Society for Microbiology and Biotechnology, June 2008.
3. Van Hanh Vu, **Tuan Anh Pham**, Keun Kim. Stimultaneous production of raw-starch-digesting glucoamylase, cellulose and pectinase by *Aspergillus niger* mutant strain using solid-state fermentation. International Symposium and Annual Meeting. The Korean Society for Microbiology and Biotechnology, June 2008.
4. Van Hanh Vu, **Tuan Anh Pham**, Keun Kim. Improvement of fungal strains producing raw-starch-digesting, glucoamylase for ethanol production by stimultaneous saccharification and fermentation of rice wine cake. International Meeting of the Federation of Korean Microbiological Societies, 2008.
5. **Tuan Anh Pham**, Keun Kim. Improvement of conidial production of *Beauveria bassiana* in solid-state fermentation. International Symposium and Annual Meeting. The Korean Society for Microbiology and Biotechnology, 2009.
6. **Tuan Anh Pham**, Keun Kim. Effects of culture period, drying process, and storage condition on the conidial viability of entomopathogenic *Beauveria bassiana.* International Symposium and Annual Meeting. The Korean Society for Microbiology and Biotechnology, 2009.
7. **Tuan Anh Pham**, Keun Kim. Evaluation of conidial germination of entomopathogenic Fungus *Beauveria bassiana* in oil-based formulation. Biotechnology for Human and Nature. The Korean Society for Biotechnology and Bioengineering Spring Meeting and International Symposium., 2010.
8. **Tuan Anh Pham**, Keun Kim. Effect of Different Oil-Based Formulation on the Germination of Entomopathogenic *Beauveria bassiana* Conidia and Its Infectivity Against Aphid, *Myzus persicae*. International Meeting of the Federation of Korean Microbiological Societies, 2010.
9. **Tuan Anh Pham**, Keun Kim. Efficacy of Combined Application of Entomopathogenic Fungal Conidia and Botanical Insecticides for Aphid Control. International Symposium and Annual Meeting. The Korean Society for Microbiology and Biotechnology, 2011.

*Ha Noi, 12th Oct 2015*

**Declarant**

**PHAM Tuan Anh**