



Curriculum Vitae

Personal information

Full name **Thu Thuy Doan**
Address Department of Genetics and Plant Breeding, Faculty of Agronomy,
Vietnam National University of Agriculture. Trau Quy, Gia Lam,
Hanoi, Vietnam.
Telephone +84 246 8765 083 | Mobile: +84 938 423 680
E-mail(s) doanthuy@vnua.edu.vn; doanthuycgct@gmail.com
Nationality Vietnam
Date of birth 20 June 1984
Gender Female

Work experiences

Dates 1/2014 – present
Name of employer Department of Genetics and Plant Breeding, Faculty of Agronomy,
Vietnam National University of Agriculture.
Occupation and Position held Lecturer and Researcher
Lecturing Principles of Plant Breeding, Seed production and technology,
Plant Breeding of perennials crops
Supervising 3 masters student, 21 undergraduate students, 3 scientific
research groups of students (5 students/group).

Academic education

Dates 1/2010 – 07/2013
Title of qualification awarded PhD
Name and type of organization Russian State Agrarian University - Moscow Timiryazev
Agricultural Academy, Russia.
Specialization Biology (Biotechnology of agricultural crops)
Thesis Specific research in clonal micropropagation of rare and
endangered species of plants (*Euonymus nana* Bieb, *Dioscorea
nipponica* Makino., *Dioscorea caucasica* Lipsky and *Aristolochia
manshuriensis* Kom.)
Dates 6/2004 – 7/2009
Title of qualification awarded Agronomy specialist
Name and type of organization Russian State Agrarian University - Moscow Timiryazev
Agricultural Academy, Russia.

| | |
|-------------------------------------|--|
| Specialization | Genetics and Breeding of Agricultural crops. |
| Thesis | Studying the efficiency of regeneration of leave's explants of <i>Brassica napus</i> L. |
| External projects and grants | |
| Dates | 6/2016- 6/2017 |
| Name of project | Assess the effect of some foliar fertilizers on the growth and development of orange trees in Chau Dinh Commune, Quy Hop District, Nghe An Province. |
| Occupation and position held | Leader |
| Main activity and responsibility | Assess the effect of some foliar fertilizers on the growth and development of orange trees in Chau Dinh Commune, Quy Hop District, Nghe An Province. |
| Donor and budget | Vietnam National University of Agriculture 30.000.000 Vnd |
| Dates | 10/2016- 10/2017 |
| Name of project | Exploit and develop genetics research of <i>Diospyros kaki</i> in Thach That, Hanoi. |
| Occupation and position held | Leader |
| Main activity and responsibility | Exploit and develop genetics research of <i>Diospyros kaki</i> in Thach That, Hanoi. |
| Donor and budget | Vietnam National University of Agriculture 50.000.000 Vnd |
| Dates | 2016- 2018 |
| Name of project | Pineapple cultivation on sandy soil in Quang Tri province. |
| Occupation and position held | Member |
| Main activity and responsibility | Traning for farmer on pineapple cultivation on sandy soil. |
| Donor and budget | Ministry of Agriculture and Rural Development. |
| Dates | 2017-2020 |
| Name of project | Exploiting and developing genetic resources Thanh Lan orange in Co To island, Quang Ninh province. |
| Occupation and position held | Member |
| Main activity and responsibility | Survey bio-agronomy characteristics and selection of 5-10 pure-seeded Thanh Lan orange trees; Building a garden for preservation and propagation of Thanh Lan orange; Establish intensive cultivation model of 10ha of Thanh Lan orange in Co To Island; Build a reform model of Thanh Lan orange on 3ha in Co To Island. |
| Donor and budget | Ministry of Science and Technology. |
| Dates | 2017-2018 |
| Name of project | Research on micrografting of Passion fruit <i>Passiflora edulis</i> |
| Occupation and position held | Leader |
| Main activity and responsibility | Evaluation and selection some varieties of passion fruit with high productivity and quality; Establish the process of micrografting of passion fruit; Create some S0, S1 plants free of disease. |

| | |
|--|--|
| Donor and budget | Vietnam Belgium Program- Vietnam National University of Agriculture. Vietnam National University of Agriculture 25.000.000 Vnd |
| Dates | 8/ 2018- 7/2021 |
| Name of project | Research and development of Tho pomelo variety in Phu Xuyen district, Hanoi |
| Occupation and position held | Leader |
| Main activity and responsibility | - Recognized 20 mother-stock trees of the Tho pomelo variety for propagation seedlings. -Complete the propagation, intensive and preservation of Tho pomelo. - A 2,000-tree multiplication model for local production is built. - To build an intensive cultivation model of 3 ha in Phu Xuyen district. - Three new planting models of 1 ha / model in 3 communes of Phu Xuyen district were built. |
| Donor and budget | Hanoi Department of Science and Technology 1.500.000.000 Vnd |
| Dates | 4/2020- 2/ 2021 |
| Name of project | Study the effect of gibberellic acid concentration and time of treatments on fruiting rate and quality of "Ha Den" table- grape cultivar |
| Occupation and position held | Member |
| Main activity and responsibility | - Evaluating agro-biological characteristics of "Ha Den" grape cultivar at Gia Lam, Hanoi - Determining the concentration and time of treatments of GA3 to improve the yield and quality of "Ha Den" grapes. |
| Donor and budget | Vietnam Belgium Program- Vietnam National University of Agriculture. 25.000.000 Vnd. |
| Training | |
| Dates | 11-22/11/2019 |
| Principle subject/occupational skills covered | Certificate Course in Fertilizer Technology |
| Name and type of organization providing training | Rashtriya Chemicals and Fertilizers Limited under ITEC program, India. |
| Dates | 7-17/7/2019 |
| Principle subject/occupational skills covered | Asean training course on climate – smart agriculture “ A driver of green growth” |
| Name and type of organization providing training | Ministry of Agriculture and Rural Development of Vietnam in collaboration with ASEAN Secretariat, Vietnam. |
| Dates | 15/2-30/4/2019 |
| Principle subject/occupational skills covered | Vegetable production |
| Name and type of organization | The Egyptian International Centre for Agriculture – EICA, Egypt. |

| | | | | | | | | | | | |
|--|--|---------------|-----------|---------|----------|---------|--|------|------|------|------|
| providing training | | | | | | | | | | | |
| Dates | 8/7/2018-15/7/2018 | | | | | | | | | | |
| Principle subject/occupational skills covered | International Training Course on Sustainable Agricultural Production Technology in Tropical and Subtropical Regions for Vietnam | | | | | | | | | | |
| Name and type of organization providing training | Guangxi Academy of Agricultural Sciences, Nanning, Guangxi, P.R.China | | | | | | | | | | |
| Dates | 1/9/2006- 30/6/2009 | | | | | | | | | | |
| Principle subject/occupational skills covered | Russian- English translator in a professional environment | | | | | | | | | | |
| Name and type of organization providing training | PHGOU VPO Russian Federation Agricultural University- MSKHA named K.A. Timiryazev, Russia. | | | | | | | | | | |
| Personal skill and competences | | | | | | | | | | | |
| Mother tongues | Vietnamese | | | | | | | | | | |
| Other languages | | | | | | | | | | | |
| | <table border="0"> <tr> <td>Russia</td> <td>Listening</td> <td>Writing</td> <td>Speaking</td> <td>Reading</td> </tr> <tr> <td></td> <td>Good</td> <td>Good</td> <td>Good</td> <td>Good</td> </tr> </table> | Russia | Listening | Writing | Speaking | Reading | | Good | Good | Good | Good |
| Russia | Listening | Writing | Speaking | Reading | | | | | | | |
| | Good | Good | Good | Good | | | | | | | |
| | English | | | | | | | | | | |
| | Degree on training the second major: Russian – English translator in a professional environment. | | | | | | | | | | |
| Social skills and competences | Team leadership and cooperation, skills of adaptation in multicultural environment, good communication skills. | | | | | | | | | | |
| Organizational skills and competences | Secretary of Research Team on Fruit trees, Deputy Secretary of the Youth Union in Vietnam National University of Agriculture. | | | | | | | | | | |
| Technical skills and competences | Experience in experimental laboratory and field studies; surveying, monitoring, analytical, reporting, publication of results and presentation skills. | | | | | | | | | | |
| Computer skills and competences | Internet and Computing Core Certification IC3, IRRISTAT 5.0. | | | | | | | | | | |
| Publications | | | | | | | | | | | |
| Scientific journals | <p>1.Kalashnikova E.A., Doan Thu Thuy, Molkanova, O.I. Clonal micropropagation of <i>Euonymus nana</i> Bieb <i>in vitro</i>// Journal Fruit and berry culture in Russia. GNU VSTISP RAAS. - Moscow, 2011. - T. 26. - P. 244-249. Russia.</p> <p>2. Kalashnikova E.A, Doan Thu Thuy, Molkanova, O.I. Clonal micropropagation of rare and endangered species of plants// Journal of Agricultural Science of TAA. 2012. - № 5 - P. 48-52.Russia.</p> <p>3. Kalashnikova E.A, Doan Thu Thuy, Budarin C.N. The influence of cultivation conditions on morphological parameters of micro plants of <i>Euonymus nana</i> Bieb. <i>in vitro</i> // Journal of biological,</p> | | | | | | | | | | |

medical and pharmaceutical questions. 2016. №6, pp 78-81. Russia.

4. Nguyen Thi Tram, Nguyen Thi Bich Hong, Nguyen The Hung, Pham Thi Ngoc Yen, **Doan Thu Thuy**. Study on some characteristics of growth, development and fatty acid content *Plukenetia volubilis* L. grown in Gia Lam, Hanoi // Journal of Agriculture & Rural Development. 2016. № 3+4, pp 71-78.

5. **Doan T.T.**, Kalashnikova E.A., Zaitseva S.M., Kirakosyan R.N. The ability of medicinal plants microclones on the example of *Dioscorea caucasica* Lipsky for the formation of bioflavanoids// Natural and technical sciences. 2018. No 2 (116). P. 38-41. Russia.

6. **Doan T.T.**, Kalashnikova E.A., Zaitseva S.M., Kirakosyan R.N. Phenolic compounds of *Dioscorea caucasica* Lipsky, features of their formation and localization// Natural and technical sciences. 2018. No 2 (116). P. 38-41. Russia.

7. Kalashnikova E., Zaytseva S. **Doan Thu Thuy**, Kirakosyan R. Cytotoxicity and biological activity of extracts of rare medicinal plants(*Dioscorea caucasica* Lipsky, *Astragalus dasyanthus* Pall, *Withania somnifera* L.) under in vitro conditions. Norwegian Journal of development of the International Science. N42. Vol2. P.8-12, 2020.

Conferences

1. Nguyen Thanh Hai, Dinh Xuan Tu, **Doan Thu Thuy**. Phenolic compounds and adaptation of sunflower callus *in vitro* under the influence of metabolites of the fungus *Sclerotinia sclerotium*// Collection of articles of the International scientific conference of young scientists and specialists dedicated to the 120th anniversary of academician N.I. Vavilov RGAU-MSHA. Moscow, 2007. P.177-178.

2. Hoang Thi Giang, **Doan Thu Thuy**. Factors affecting shoot regeneration from cotyledon implants *Brassica juncea* L.// Last attend scientific conferences for students 61st "Genetics, breeding and biotechnology. Moscow, 2008. P.81- 82.

3. **Doan Thu Thuy**, Kalashnikova, E.A. Effect of auxin on the formation of microtubers *Dioscorea nipponica* Makino. and *Dioscorea caucasica* Lipsky. *in vitro*// Abstracts of the II International School-Conference for Young Scientists "Genetics and Plant Breeding, based on modern genetic knowledge and technologies." - Zvenigorod: Tsifrovichok, 2011. - P. 37

4. **Doan Thu Thuy**. Biodiversity Conservation of *Dioscorea nipponica* Makino. and *Dioscorea caucasica* Lipsky. *in vitro*// Proceedings of the 11th Youth Conference "Biotechnology in crop production, animal husbandry and veterinary medicine." - Moscow, 2011. - P. 22

5. **Doan Thu Thuy**, Efimova, A.I. Influence of Dropp and Tsitodef on clonal micropropagation rare and endangered species of plants// Collection of articles of the International scientific conference of young scientists and specialists RGAU-MSHA. - Moscow, 2012. - Vol.1. - P. 21-23.

6. **Doan Thu Thuy**, Kalashnikova, E.A. Clonal micropropagation of *Aristolochia manshuriensis* Kom.// Abstracts anniversary conference "Introduction, conservation and use of biological diversity of the world's flora", dedicated to the 80th anniversary of

the GNU "Central Botanical Garden of the National Academy of Sciences in Belarus." - Minsk, 2012. - P. 472- 473.

7. **Doan Thu Thuy**, Kalasnhikova, E.A. Getting callus tissue from isolated parts of *Dioscorea nipponica* Makino. and *Dioscorea caucasica* Lipsky.// Abstracts of the International Conference of Young Scientists "Scientific, applied and educational aspects of physiology, genetics, plant biotechnology and micro-organisms." - Kiev, 2012. - P. 251-252.

8. **Doan Thu Thuy**, Zaytseva S.M., Kalasnhikova E.A. Localization in epithelial tissues bioflavonoids rare medicinal plants on the example of the *Taxus canadensis* Marsh, *Ginkgo biloba*, *Euonymus nana* Bieb. and *Dioscorea nipponica* Makino// Short article of 2nd International symposium Secondary Metabolites. Chemistry, Biology and Biotechnology. Moscow, 2014. P.97.

9. **Doan Thu Thuy**, Kalashnhikova E.A. The total content of soluble phenolic compound in the medicinal plants *in vitro* and *in vivo*// Short article of 2nd International symposium Secondary Metabolites. Chemistry, Biology and Biotechnology. Moscow, 2014. P.107.

10. **Doan Thu Thuy**, Nguyen Lan Huong. Research on characteristics flowering and culture medium for pollen germination of some Dragon fruit varieties in Gia Lam, Hanoi// The proceedings of the Faculty of Agronomy seminar 2015.

11. **Doan Thu Thuy**, Ngu Thi Yen, Hoang Thi Thao, Le Thi Quyen, Pham Anh Tuan, Lo Duc Viet. Research on morphological variation, growth and development of bud eyes citrus varieties after gamma irradiation treatment Co-60 source.// The proceedings of the Faculty of Agronomy seminar 2016.

12. **Doan Thu Thuy**. Climate change and its impact on Agriculture and food security in Vietnam// International seminar on Climate change and its impact on Agriculture and food security, Cairo-Egypt, 2019.

Honours and awards

10/2008

The second prize in the 61st scientific conferences for students "Genetics, breeding and biotechnology". Russian State Agrarian University - Moscow Timiryazev Agricultural Academy. 2008.