

CURRICULUM VITAE

PhD. Do Thi Hue

I. PERSONAL INFORMATION






- Surname, Name: DO, THI HUE
- ORCID iD: <https://orcid.org/0000-0002-7321-4945>
- Gender: Female
- Date of birth: 24/05/1986
- Place of Birth: Thuy Nguyen, Hai Phong City, Vietnam
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Position:

2014 - Present: Lecturer at Department of Animal Breeding and Genetics, Faculty of Animal Science, Vietnam National University of Agriculture (VNUA)
 2009 - 2014: Researcher at Center for Interdisciplinary Research on Rural Development (VNUA)
 2009 - 2016: A secretary of the Vietnam-Belgium project (VNUA)

II – EDUCATION BACKGROUND (chronological order)

2-2017 to 2-2021	PhD student , School of Animal and Veterinary Science, University of Adelaide, South Australia, Australia. PhD project: “Transfer of colostrum components to newborn calves”.	 THE UNIVERSITY of ADELAIDE
2009- 2011	Master of Animal Science , Hanoi University of Agriculture, Hanoi, Vietnam. Master’s project: “Reproductive ability of grand grandparent and grandparents sows raising at Dabaco Breeding Pig Company - Tan Chi - Tien Du - Bac Ninh – Vietnam”.	
2004- 2008	Bachelor of Animal Sciences and Veterinary , Hanoi University of Agriculture, Hanoi, Vietnam. Bachelor’s project: Reproductive performance of Ross 308 chickens raising in an opened and closed house at Breeding Chicken Enterprise - Lac Ve - Tien Du - Bac Ninh – Vietnam.	
<i>Hanoi University of Agriculture is a former name of Vietnam National University of Agriculture (VNUA).</i>		
Professional training courses (chronological order)		
May 2015 (1 month)	Breeding Management Training program Establishment of "Korat Meat Chicken" strain for small and Micro Community Enterprise production, the second phase. Conducted at Suranaree University of Technology (Thailand)	 SURANAREE UNIVERSITY OF TECHNOLOGY University of Innovation
August to September 2015	Biotechnology review program, at Vietnam National University of Agriculture (Vietnam)	

*** Other international training courses (chronological order)**

Time	Details of international training courses
3-2013	Course “Research projects” - Professors: Prof. Philippe Lebailly (Liege University - Belgium) and Prof. Vu Dinh Ton (VNUA) - Institutional University Cooperation between VNUA and CIUF/CUD (Belgium).
1-2013	Course “Spatial epidemiology and risk analysis” - Professors: Marius Gilbert (ULB – Belgium) - Institutional University Cooperation between VNUA and CIUF/CUD (Belgium).
5-2012	Course "Product quality and safety, including certification and accreditation procedures" - Professors: Prof. Georges Daube (Liege University - Belgium) - Institutional University Cooperation between VNUA and CIUF/CUD (Belgium).
5-2012	Course “Veterinary ecology and ethology” - Professors: Prof. Baudouin NICKS ((Liege University - Belgium) - Institutional University Cooperation between VNUA and CIUF/CUD (Belgium).
2010	Course “The training course on commodity chain methodologies” - Professors: - Prof. Paule Moustier (CIRAD) and Denis Sautier (CIRAD) (French) - CIRAD
9-2009	Course "Antibiotic residues in food of animal origin: international law, control strategy, and practical aspects of analytical methods". - Professors: Prof. Marie-Louise Scippo, Sc. Sophie Danyi and Ir. Guy Degand, (Liege University - Belgium) - Institutional University Cooperation between VNUA and CIUF/CUD (Belgium).

III. SCIENCE RESEARCH PROJECTS

Projects	Fund	Duration	Position	Output
Colostrum effects on dairy cattle health	Davies Livestock Research Centre	2017-2021	Member	2 international journal papers
Semen quality and some factors affected to artificial insemination on Dong Tao chicken in chicken farm, Faculty of Animal Science, Vietnam National University of Agriculture	Vietnam National University of Agriculture	1/2016 to 12/2016	Leader	1 journal article published
Study on semen quality of Ho and Dong Tao chicken	Vietnam National University of Agriculture	1/2015 to 12/2015	Leader	1 article published in international conference proceeding
Research and apply selected technology in molecular markers to enhance reproductive performance of Landrace and Yorkshire sows	Ministry of Agriculture and Rural Development	2015-2017	Member	Good
Study on the use of rice distiller's by-product in diets for pig production in Northern Vietnam	(Institutional University Cooperation between VNUA and AI/CUD - Belgium)	2015-2016	Member	Good

Biological characteristics, Performances and Product quality of the Dong Tao chicken	(Institutional University Cooperation between VNUA and AI/CUD)	2014-2016	Member	1 journal article published
“Influence of different types of pig production systems on the animal welfare quality, environmental issues, and social consequences in North Vietnam”	International cooperation between Hanoi University of Agriculture and Humane Society International	1/7/2013 to 31/12/2013	Member	Good
Technical and socio-economic factors affecting adoption of biogas systems by livestock farming households in the North of Vietnam	SUSANE Project - Denmark	15/04/2012 to 31/12/2012	Member	1 journal article published
“Evaluation du potentiel et l’efficacité des aliments locaux pour améliorer la santé du système digestif et la croissance des porcs au Nord –Vietnam”	(Institutional University Cooperation between HUA and CIUF/CUD)	4/2010 – 3/2012	Member	1 journal article published

IV. SCIENTIFIC CONFERENCES & INTERNATIONAL MEETING ATTENDED

International Conferences	Place	Duration	Position
“38th International Society for Animal Genetics Conference (2021)”	Virtual conference	26 to 30 July 2021	Attended, presented
“37th International Society for Animal Genetics Conference (2019)”	ISAG (at Lleida University, Spain)	7-12 July 2019	Attended, presented
“7th International Symposium on Animal Functional Genomics & Functional Annotation of Animal Genomes Workshop 2018”,	ISAFG (in Australia)	12-15 November 2018	Attended, presented
Invitation to participate the scientific training for preparing collaboration between Suranaree University of Technology (Thai Lan) and Vietnam National University of Agriculture; and the certificate.	Suranaree University of Technology (Thai Lan)	4-30 May 2015	Attended
Invitation to attend GREASE 2nd Scientific Committee 23-25, January 2013 and REVASIA annual meeting 22 January 2013	Chieng Mai – Thai Lan	23-25/ January/ 2013	Attended
“Participatory Epidemiology Network for Animal and Public Health Technical Workshop”	Kasetsart University, Bangkok.	11 to 14/12/2012	Attended
National & International Conferences in Vietnam			
“Science and Technology of young scientist in 2016 – Vietnam National University of Agriculture”	Vietnam National University of Agriculture	26/3/2016	Attended, oral presentation, incentive award

“Suitable livestock development”	Vietnam National University of Agriculture	18-19/12/2015	Attended and presented
International Conference on Animal feeding in South East Asia	Vietnam National University of Agriculture	5-6/11/2015	Attended
National Conference Animal & Veterinary Science	Can Tho University, Vietnam	28-30 April 2015	Attended and presented
“Climate change – Challenge with agriculture”	Hanoi University of Agriculture, Vietnam	26/03/2010	Secretary & Participants
"Reports of findings under the interuniversity cooperation program 2008-2010"	Hanoi University of Agriculture, Vietnam	22/04/2011	Secretary & Participants
"The establishment of the new rural development model: theory and reality"	Hanoi University of Agriculture, Vietnam	29/03/2012	Secretary & Participants
"Closing of the cooperation program for 2008-2012 between UAH and CIUF - CUD"	Hanoi University of Agriculture, Vietnam	30 and 31 May 2013	Secretary & Participants

V. PUBLICATIONS AND CONFERENCE PROCEEDINGS

❖ National Publications (in Vietnam)

1. Tran Hiep, **Do Thi Hue**, Nguyen Van Duy, Nguyen Cong Oanh, Le HuuHieu, Ha Xuan Bo, J. Bindelle, A, Thewis and Vu Dinh Ton, 2013. *Current use and nutritive values of some fresh forage used as pig feed in households in North Viet Nam*. Journal of Animal Husbandry Sciences and Technics (Vietnam), 8 (173) 2013, Pages 19-28.
2. Ha Xuan Bo, **Do Thi Hue**, Nguyen Chi Thanh, Do Duc Luc, 2015. *The growth and feed consumption of stress resistance Pietrain pigs*. National conference proceedings “National Conference Animal & Veterinary”, 28-30 April 2015 in Vietnam.
3. Vu Dinh Ton, Han Quang Hanh, **Do Thi Hue**, Nguyen Thi Phuong, Nguyen Xuan Trach, 2015. *Factors affect the Biogas development in Hai Duong and Bac Giang of the North Vietnam*. Journal of Animal Husbandry Sciences and Technics (Vietnam), Number 8 [197] – 2015. Pages 60-68 (written by English).
4. **Do Thi Hue**, Do Duc Luc, Ngo Thi Dung, Nguyen Hoang Thinh, Vu Dinh Ton. *Semen quality of Ho chicken and some affected factors*. Conference proceedings “Suitable livestock development” date 18-19/12/2015. ISBN 978-604-924-204-5. Publishing House Agricultural University (Vietnam).
5. **Do Thi Hue**, Do Duc Luc, Vu Dinh Ton. *Studying semen quality of Dong Tao and Ho chicken*. Workshop proceedings “Science and Technology of young lecturers of staffs in 2016 – Vietnam National University of Agriculture”, 26/3/2016, Consolation prize of the Rector.
6. Le Thi Tham, Ngo Xuan Thai, Vu Van Thang, Nguyen Van Duy, Le Thi Hiep, **Do Thi Hue**, Doan Van Soan, Vu Dinh Ton and Dang Vu Binh. *Raising Dong Tao chicken at households in*

Khoai Chau district, Hung Yen province. Journal of Animal Husbandry Sciences and Technics, number 203, 2016, Page 36-43.

7. **Do Thi Hue**, Nguyen Van Duy, Nguyen Thi Xuan, Do Duc Luc, Le Thi Tham, Dang Vu Binh, Vu Dinh Ton. *Semen quality and some factors affecting the semen quality of Dong Tao chicken*. Vietnam Journal of Agriculture Science, No 5, 2017, page 589-604.

❖ International publications

1. N.V.Duy, N.Moula, D.D.Luc, D.T.Hiep, D.T.Hue, V.D.Ton, F.Farnir, 2015. Morpho-biometric characteristics of local chicken in Vietnam: Ho chicken. Workshop proceedings “The 1st international conference on native chicken” from 23-25 February 2015, Khon Kean University - Thailand.
2. Nguyen Thi Xuan, **Do Thi Hue**, Nguyen Van Duy, Do Duc Luc, Vu Dinh Ton. *Reproductive performance of Dong Tao chicken breed*. International conference proceedings « Agriculture Development in the Context of International Integration: Opportunities and Challenges », December 7 - 8, 2016, Vietnam National University of Agriculture, Hanoi, Vietnam.
3. Nguyen Thi Xuan, Nguyen Van Duy, **Do Thi Hue**, Do Duc Luc, Vu Dinh Ton. *Fertilizing ability of Ho cock semen by different insemination doses and dilution rates*. International conference : Animal production in Southeast Asia : Current status and Future. Agricultural University Press, Hanoi, Vietnam.
4. **Hue Thi Do**, Tong Chen, John Williams, Kiro Petrovski, Cynthia Bottema (2018). Transferring immune-related miRNAs from dam to newborn calves. “7th International Symposium on Animal Functional Genomics & Functional Annotation of Animal Genomes Workshop 2018”, p.36, 12-15 November 2018 (<http://isafg2018.com/Conference%20Proceedings.pdf>).
5. **H. T. Do**, J. L. Williams, T. Chen, K. Petrovski, and C. D. K. Bottema (2019). Immune-related microRNA absorption in newborn calves. “37th International Society for Animal Genetics Conference (2019), 7-12 July 2019, Spain. (<https://www.isag.us/2019/scientific-program.aspx>).
6. **Do T. Hue**, Rebel Skirving, Tong Chen, John L. Williams, Cynthia D. K. Bottema, and Kiro R Petrovski. *Colostrum source and passive immunity transfer in dairy bull calves*. Journal of Dairy Science (Accepted). Journal of Dairy Science is the leading general dairy research journal in the world, IF = 3.33 and rank 5/63 in Agriculture, Dairy and Animal Science. <https://authors.elsevier.com/a/1cvfT50bFVr4J>.
7. **Do T. Hue**, John L. Williams, Kiro R Petrovski and Cynthia D. K. Bottema. *Predicting colostrum and calf blood components based on refractometry*. Journal of Dairy Research (Accepted). Journal of Dairy Research is an international journal of high-standing that publishes original scientific research on all aspects of the biology, wellbeing and technology of lactating animals and the foods they produce, IF = 1.68

V. HANDBOOK AND SCIENTIFIC TECHNIQUE DVD

- Vu Dinh Ton, Nguyen Van Duy, Dao Thi Hiep, **Do Thi Hue**, Do Duc Luc. *Raising Dong Tao chicken handbook*. Publishing House Agricultural University 2015. ISBN: 978-604-924-206-9.

- **Do Thi Hue** and students, 2015. *Artificial insemination technique for Dong Tao chicken*. Collaboration between Vietnam National University of Agriculture and Hung Yen province (Vietnam). Scientific technique DVD (<https://www.youtube.com/watch?v=oUVubO8KX8w>).

VI. SCIENCE RESEARCH SKILLS

ANIMAL AND VETERINARY SKILLS

- Animal handling & Physical examination
- Artificial insemination technique in chicken
- Blood sampling technique in chicken, pig, and cattle
- Evaluation of the reproductive performance
- Evaluation of growth performance of chickens, pigs, and cattle
- Morpho-biometric characteristics in chicken
- Animal nutrition management

MOLECULAR GENETICS & BIOCHEMISTRY SKILLS

- DNA and RNA extraction
- DNA and RNA quality control (NanoDrop)
- RNATape Screen Station
- Polymerase chain reaction (PCR)
- Reverse transcription-quantitative polymerase chain reaction (RT-qPCR)
- Enzyme-Linked Immunosorbent Assay (ELISA)
- Glucose measurement
- Beta-Hydroxybutyrate (BHB) measurement
- Total protein assay (Bradford assay, refractometer)
- Using robot to manage samples (DNA/RNA/Reagents, etc)

OTHER LAB SKILLS

- Basic and Fluorescent Microscopy
- Ultrasound scanning
- Fecal egg count technique
- Flow cytometry
- Semen collection (in chicken, pig and cattle)
- Semen evaluation (motility or mass activity, morphology, sperm concentration)
- Evaluation of meat quality, egg quality
- Blood processing techniques (collected serum, plasma)
- Centrifugation
- Chemistry techniques

STATISTICAL DATA ANALYSIS SKILLS

- SPSS software
- R software
- SAS software
- Bioinformatics

VII. AWARDS & ACHIEVEMENTS

Before university

- The provincial merit competition prize of agricultural techniques (the second prize) in Year 12 at the high school.

During Bachelor's program

- The certificate of merit of Laos for excellent volunteer work in summer 2007 in Laos.
- The certificate of merit of the Central Union of Ho Chi Minh Communist Youth and Rector of Hanoi University of Agriculture for leading and organizing the student's activities in Universities and Colleges (constantly from 2004 to 2008).
- Certificate of merit for excellent students from University Rector
- Cargill scholarship for Young Talent.
- The University scholarships for encouraging study for excellent students during Bachelor's program

After Bachelor program until present

- Received an incentive award for young scientists at the Vietnam National University of Agriculture in 2016.
- Member of Coordinators of the Vietnam National University of Agriculture and the Francophone Joint University council (Belgium) project.
- Member of GREASE (Gestion des Risques Emergents en Asie du Sud-Est), a regional network on Emergent Risks Management in South East Asia.
- Member of ISAG (International Society for Animal Genetics)
- PhD scholarship from Vietnam joined the University of Adelaide, and another scholarship from Davies Livestock Research Centre, The University of Adelaide.

Australia, 23th July 2021



Do Thi Hue