



**HOC VIEN NÔNG NGHIỆP VIỆT NAM**

**VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE**

Address: Gialam - Hanoi - Vietnam

Fax: +84 4 38276554 / Website: www.vnua.edu.vn

## CURRICULUM VITAE

### I- PERSONAL INFORMATION

Name in full **BUI HUY DOANH** Sex: Male

Date of birth: 27 August 1981

Place of birth: Nam Dinh province

Permanent address: R. 327 D19, Dang Xa, Gialam district, Hanoi city

Ethnic group: Kinh Religion: non

Current Employer: Vietnam National University of Agriculture

Current Position: Head of Animal Biochemistry Department

Academic title: PhD.

Year of official employment: 2008 Teaching experience: 14 years

Posting address: Vietnam National University of Agriculture  
Gialam, Hanoi, Vietnam

Office telephone:

Home telephone: Mobile: 0984803818

Fax: Email: bhdoanh@vnua.edu.vn

Marriage status: married

Foreign language: English: Advanced  
German: Preliminary

### II- EDUCATION

#### 1. Bachelor degree:

- Place of study: Hanoi University of Agriculture
- From: 2003 to 2007
- Major: Animal Sciences and Veterinary

#### 2. Master degree:

- Place of study: University of Veterinary Medicine Hannover, Germany
- From: 2011 to 2013
- Major: Animal Biology and Biomedical Sciences
- Thesis title: Regulation of motility in boar spermatozoa after density gradient centrifugation

### 3. PhD degree:

- Place of study: University of Veterinary Medicine Hannover, Germany

From: 10/2016 to 10/2019

- Major: Animal Biology and Veterinary Research

- Thesis title: Characterization of calcium regulation in boar spermatozoa and the influence of sperm storage in vitro

- Year of PhD degree awarded: 10/2019

### 4. Short training courses attended

Name	Place	Duration	Research/ paper/ dissertation	Certificate
New teaching and evaluation methods for higher and post – graduate education.	Ha Noi University of Agriculture	2 weeks/ 2008		Certificate
Nutrition of dairy cows.	Ha Noi University of Agriculture	1week/ 2009		Certificate
Antibiotic residues in food of animal origin; legislation foil graphics, control strategy and practical methods of analysis.	Ha Noi University of Agriculture	1week/ 2009		Certificate
Training course of Biotechnology	Ha Noi University of Agriculture	3 months/ 2010		Certificate
Training course of Biotechnology	Ha Noi University of Agriculture	3 months/ 2015		Certificate

## III. WORK EXPERIENCE

### From 2020 to date

Employer : Vietnam National University of Agriculture

Position held : Head of Animal Biochemistry Department

### From 2008 to 2019

Employer : Hanoi Agricultural University

Position held : Lecturer in Department of Animal Biochemistry

## IV. SELECTED RESEARCH GRANT

1. Investigate the possibility of using low temperature storage of boar semen in an antibiotic-free extender, Project Vietnam – Belgium (ARES-CCD) 2021, Chair

2. Research on the production of probiotics from red yeast *Rhodotorula* and *Apricot algae* for laying hens in order to improve the egg quality (WB project) 2020, participated.

3. Semen quality and bacterial growth on boar semen extender preserved at low temperature, University, (2020), Chaired.

4. Effect of cooling velocity on sperm quality and bacterial growth in boar semen preservation at low temperature, Project Vietnam – Belgium (ARES-CCD) 2020, Participated
5. Determination of performance and nutritive value of *Mucuna pruriens* used as feed for ruminants, University, 2015-2016, Chair.
6. Determination of nutritive value of Leguminous trees (*Feboideae*) by in vitro digestion experiments, University, 2014-2015, Chair.
7. Assessment of the ability of food intake, digestion, balance of nitrogen and purine derivatives in Goats, using *Leucaena leucocephala* and *Stylosanthes guianensis*, University, 2014-2015, Participated.
8. The investigation of motility and morphology of boar spermatozoa in short and long time preservation, Project Vietnam - Belgium, 2013-2014, Chaired.
9. Building a model of conservation and development of native chicken rising in Yen The and Luc Ngan district, Bac Giang province, Ministry, 2009-2011, Participated.
10. Effect of early weaning on postpartum reproduction in she-buffalos and calf growth, MEKARN fund 2009-2010, 2009-2010, Participated.
11. Research on some physiological indicators, biochemical blood of a chicken breed in Yen Phong district, Bac Ninh province, University, 2008-2009, Chaired.
12. Research the nutritional value of grains and oil seeds *Jatropha curcas* dry to guide to pet food, Project Vietnam - Belgium, 2008 - 2009, Chaired.

## V. SELECTED PUBLICATION

### 1. Textbooks:

Dang Thai Hai, Ngo Thi Thuy and **Bui Huy Doanh** (2017) *Animal Biochemistry*. Agricultural University Press. Hanoi.

### 2. Papers:

1. Nguyễn Thị Hải, Nguyễn Hoàng Thịnh, **Bùi Huy Doanh**, Phạm Thị Kim Anh và Phạm Kim Đăng. *Preliminary evaluation the detectability of the VNUA-BQT test for early of pregnancy diagnosis in dairy cattle*. Journal of Animal Husbandry Sciences and Technics, No 265, 2021, 63-68.
2. **Bùi Huy Doanh**, Đinh Thị Yên, Cù Thị Thiên Thu, Nguyễn Ngọc Kiên, Nguyễn Thị Tuyết Lê, Đặng Thái Hải, Phạm Kim Đăng. *Effects of Cooling Methods on Sperm Quality in Boar Semen Preservation at Low Temperature*. Vietnam J. Agri. Sci. 2021, Vol. 19, No.2: 246-253.
3. Đặng Thái Hải, Đinh Thị Yên, **Bùi Huy Doanh**. *Sperm quality of Landrace, Yorkshire and PiDu boars raised at Thai Binh Joint Stock Company*. Journal of Animal Husbandry Sciences and Technics, No 259, 2020, 61-65.
4. Ngô Thị Thùy, **Bùi Huy Doanh**, Đặng Thái Hải. *Changes of Hematological Parameters in Ducklings Experimentally poisoned with Aflatoxin B<sub>1</sub>*. Journal of Animal Husbandry Sciences and Technics, No 259, 2020.
5. **DH Bui**, AM Luther, H Henning, D Waberski: *Influence of semen storage on the responsiveness to a sensitizer of receptor-gated intracellular calcium channels in boar spermatozoa*. The 23<sup>rd</sup> Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR), St. Petersburg, Russia, 19 - 22 September 2019.

<https://onlinelibrary.wiley.com/toc/14390531/2019/54/S3>

6. **DH Bui**, AM Luther, H Henning, D Waberski: *In vitro-ageing in boar spermatozoa increases calcium release from intracellular stores by sensitizing receptor-gated channels*. 52nd Annual Conference of Physiology and Pathology, of Reproduction and 44th Mutual Conference of Veterinary and Human Reproductive Medicine, Göttingen, 02.2019

<https://www.ncbi.nlm.nih.gov/pubmed/30767344>

7. **DH Bui**, S Kastens, M Amiri, H Henning, HY Naim, D Waberski: *Characterization of calcium-gated channels in boar spermatozoa*, ESDAR 2018 conference (The European Society for Domestic Animal Reproduction), from 27 - 29.09.2018, Cordoba, Spain.

<https://www.ncbi.nlm.nih.gov/pubmed/30238651>

8. **DH Bui**, S Kastens, M Amiri, H Henning, HY Naim , D Waberski: *Characterization of inositol trisphosphate receptors in boar spermatozoa*, 51<sup>st</sup> Annual Conference of Physiology and Pathology, of Reproduction and 43<sup>rd</sup> Mutual Conference of Veterinary and Human Reproductive Medicine Hannover, 21<sup>st</sup> – 23<sup>rd</sup> of February 2018. *Reprod Dom Anim*. 2018; 53 (Suppl. 1):p6.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/rda.13127>

9. Nguyen Thi Hoa Binh, Ngo Thi Thuy, **Bui Huy Doanh**, Dang Thai Hai, Nguyen Thi Hang, Bui Quang Tuan (2017): *Yield and nutritive value of Taiwanese napier grass imported from Thailand and grown in Vietnam national university of Agricultural*. *Journal of Science and Development*, 2017.

10. Ngô Thị Thùy, **Bùi Huy Doanh**, Bùi Quang Tuấn, Đặng Thái Hải: *Effects of replacement of elephant grass (*Pennisetum purpureum*) with velvet bean hay (*Mucuna pruriens*) in the diet on feed intake, digestibility and nitrogen metabolism of growing goat*. *Journal of Science and Development*, 2016.

11. H Henning, **DB Huy**, S Keil, QT Nguyen, U Wallner, S Kastens, D Waberski (2015) *Impact of centrifugation stress on boar sperm kinetics and energy metabolism*. 48<sup>th</sup> Annual Conference Physiology and Pathology of Reproduction and simultaneously 40<sup>th</sup> Joint Congress of Veterinary and Human Medicine, Zurich, Switzerland, *Reprod Dom Anim* 50 (Suppl. 1), p. 12, (2015)

<http://onlinelibrary.wiley.com/doi/10.1111/rda.12498/abstract>

12. Ngo Thi Thuy, **Bui Huy Doanh**, Dang Thai Hai, Le Viet Phuong and Bui Quang Tuan: *Food intake, digestibility, nitrogen balance and urinary purine derivative of goat given legumes (fabaceae) in diet*. *Journal of Animal Husbandry Sciences and Technics*, No10, 2015.

13. Ngô Thị Thùy, **Bùi Huy Doanh**, Bùi Quang Tuấn, Đặng Thái Hải: *Feed intake, digestibility, nitrogen balance and urinary purine derivatives of goat fed *Leucaena leucocephala* and *Stylosanthes guianensis**, *Journal of Science and Development*, No 6, 2015.

14. QT Nguyen, U Wallner, **DH Bui**, D. Waberski, H. Henning (2014): *The relationship between ATP content and motility of boar spermatozoa during prolong incubation and long-term storage*. 47<sup>th</sup> Annual Conference of Physiology and Pathology of Reproduction, Giessen, 27-28 Feb, 2014, *Reprod. Dom. Anim*. 49, Suppl.1, p. 34

<https://onlinelibrary.wiley.com/doi/10.1111/rda.12292/abstract>

15. Nguyen Chi Thanh, Lam Thi Ha, **Bui Huy Doanh**, Phan Xuan Hao: *Growth performance and meat production of chicken with head feather plume on Luc Ngan, Bac Giang*. *Journal of Animal Husbandry Sciences and Technics*, No4, 2012.

## **DECLARATION**

I, the undersigned, certify that, to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience.

*Hanoi, 22<sup>nd</sup> July 2021*

**Declarer**

**Bui Huy Doanh**