

CURRICULUM VITAE



Nur Hidayah, S.Pt., M.Si

Email: nurhidayah@untidar.ac.id

PERSONAL DETAILS

Date of birth : November 6, 1988
Place of birth : Tuban, East Java, Indonesia
Nationality : Indonesia

FORMAL EDUCATION

August 2007 – January 2012	Faculty of Animal Science (Mayor: Nutrition and Feed Technology; Minor: Management and Meat Production Processing), IPB University, Bogor, Indonesia. Graduated as Bachelor of Animal Science
August 2012 – August 2014	Faculty of Animal Science (Mayor: Feed Nutrition), IPB University, Bogor, Indonesia. Graduated as Master of Science
August 2021 – Present	Doctoral student in Faculty of Animal Science (Mayor: Feed Nutrition), Universitas Gadjah Mada, Yogyakarta, Indonesia (Join Degree Program with Graduate School of Integrated Sciences for Life, Hiroshima University, Japan)

WORK EXPERIENCES

2015 – 2019	Lecturer, Faculty of Agricultural and Animal Science, University of Muhammadiyah Bengkulu, Bengkulu, Indonesia
2019 – Present	Lecturer, Faculty of Agricultural and Animal Science, Tidar University, Central Java, Indonesia

TEACHING EXPERIENCES

1. Basic Animal Nutrition
2. Microbiology
3. Ruminant Nutrition
4. Livestock Product Technology
5. Food Safety Livestock Product
6. Animal Welfare

SELECTED PAPERS

1. **Bachelor Thesis:** In vitro fermentation characteristic and gas production with addition tea by product (*Camellia sinensis*) and *Hibiscus rosa-sinensis* L leaf. **January 2012**
2. **Master Thesis:** Resistance biohydrogenation of protected vegetable oils with calcium soap and microencapsulation methods *in vitro*. Bogor Agricultural University. **August 2014**
3. **International papers (Last 5 years)**
 1. Substitution of Native Grass with Jengkol (*Archidendron jiringa*) Peel on Rumen Fermentation Characteristic in Sheep. Advances in Biological Sciences Research. International Conference: Improving Tropical Animal Production for Food Security (ITAPS 2021), South East Sulawesi, Indonesia. 20: 306-309. **April 2022**. <https://www.atlantis-press.com/proceedings/itaps-21>
 2. The potential of bioactive peptides from animal protein sources as a mental health problem prevention. Agrotropica: Journal of Agricultural Sciences (Agriculture Faculty, Bengkulu University-Indonesia). 4(2): 114-121. **December 2021**. <https://ejournal.unib.ac.id/index.php/jagritropica/article/view/18779>
 3. Effect of tea leaves powder supplementation on fermented oil palm fronds on fermentation characteristics, rumen microbial profile, and methane production *in vitro*. Advances in Animal and Veterinary Sciences (Nexus academic Publishers-Pakistan). 9(6): 823-834. **June 01, 2021**. https://nexusacademicpublishers.com/uploads/files/AAVS_9_6_823-834.pdf
 4. The effect of native grass substitution using jengkol (*Archidendron jiringa*) peel and leaves powder on in vitro rumen fermentation. Iranian Journal of Applied Animal Science (Islamic Azad University, Rasht Branch-Iran). 10 (3): 421-427. **September 2020**. http://ijas.iaurasht.ac.ir/issue_1133915_1134549.html
 5. Effect of native grass substitution with Jengkol (*Archidendron jiringa*) peel on sheep performance. IOP Publishing Ltd-England. International Conference: Improving Tropical Animal Production for Food Security 22-24 November 2019, South East Sulawesi, Indonesia. 465(1): 012021. **May 15, 2020**. <https://iopscience.iop.org/article/10.1088/1755-1315/465/1/012021>
 6. Comparison of vitamin, anthocyanin, and bioactive compounds from Gajah and Padi Jengkol (*Archidendron jiringa*) peel as potential natural antioxidants. IOP Publishing Ltd-England. International Conference: Improving Tropical Animal Production for Food Security 22-24 November 2019, South East Sulawesi, Indonesia. 465(1): 012024. **May 15, 2020**.

7. Supplementation of jengkol peel on VFA molar proportion, methane production, and hydrogen balance *in vitro*. Jurnal Peternakan Indonesia (Animal Science, Andalas University-Indonesia). 22(2): 150-154. **March 3, 2020**. <http://jpi.faterna.unand.ac.id/index.php/jpi/article/view/530>
8. Total VFA production and protozoa population with Jengkol (*Archidendron jiringa*) peel powder supplementation on *in vitro*. IOP Publishing Ltd-England. International Conference: The 1st Animal Science and Food Technology Conference 6-8 August 2019, Purwokerto, Indonesia. 372: 012046. **November 7, 2019**. <https://iopscience.iop.org/article/10.1088/1755-1315/372/1/012046>
9. Phenotypic identification, nutrients content, bioactive compounds of two jengkol (*Archidendron jiringa*) varieties from Bengkulu, Indonesia, and their potential as ruminant feed. Biodiversitas Journal of Biological Diversity (Society for Indonesian Biodiversity-Indonesia). 20(6): 1671-1680. **June 06, 2019**. <https://smujo.id/biodiv/article/view/3641>
10. Fermentation characteristic with addition of Jengkol (*Archidendron jiringa*) peel powder on *in vitro*. International Conference: Animal Production for Food Sustainability 10-11 October 2018, Padang, Indonesia. 287: 012014. **August 7, 2019**. <https://iopscience.iop.org/article/10.1088/1755-1315/287/1/012014>
11. *In vitro* rumen fermentation of ration supplemented with protected vegetable oils. Media Peternakan (Animal Science, IPB university-Indonesia). 37(2): 129-135. **July 30, 2014**. <https://journal.ipb.ac.id/index.php/mediapeternakan/issue/view/1230>