Mohammad Miftakhus Sholikin

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Doctoral on Animal Science

Profile
I have practical experience working and teaching in various subjects and positions regarding Commercial and Education both domestically and abroad. I am a tactical and creative person in dealing with work and challenges.

Education and Qualifications
Formal education

2017 B.Sc. IPB University: Cricket meal as protein alternative for animal feed
2019 M.Sc. IPB University: Protein extraction of maggot using response surface modelling
2021 Dr. IPB University: Antimicrobial peptide as an alternative antibiotic growth promoter

Non-formal education

2021 datacamp: Introduction to python, R, and SQL
2021 DQLab: A walk into sensory science using R
2021 DQLab: Business decision research using python
2021 DQLab: Credit risk analysis using R
2021 DQLab: Customer churn prediction using machine learning
2021 DQLab: Customer segmentation with python[1][2] and R
2021 DQLab: Data analysis of COVID19 using python and R
2021 DQLab: Data analyst using python[1][2] [3][4] [5][6], R[1][2] [3][4] [5][6], and SQL[1][2] [3][4] [5][6]
2021 DQLab: Market basket analysis using R

Professional Memberships
October 2020-2022 Animal Feed and Nutrition Modelling Research Group, IPB University

Academic and Practice History
23 Jan – 7 Feb. 2014 IPB University, research assistant (full time)
Dec. 2019 – Mar. 2020 Chiba University, research assistant (full time)
Oct. 2020 Tanjungpura University, instructor (workshop machine learning using python)
Nov. 2020 UIN Suska RIAU, instructor (introduction to meta-analysis using R)
Mar. 2018 – Nov. 2021 IPB University, researcher (full time)

Achievements
- Course of TWINCLE Program by Chiba University
- German language level A1
- The best graduates from bachelor, master, and doctoral programs
- TOEFL IBT score 477

Skills
- Data Science and Engineering
- Feed formulation, feed manufacturing, and feed additives design
- Feeding management for monogastric and ruminant
- Nutrition modelling (e.g., dynamic systems and meta-analysis approaches)
- Teaching and Research

Publication

A meta-analysis antimicrobial peptide effects on intestinal bacteria, immune response and antioxidant activity of broilers	**Q2:** tropical animal science journal, 44(2): 188-197
A meta-analysis of the effect of antimicrobial peptide purity on the growth performance, dry matter digestibility, and intestinal morphology of broiler	**Q3:** advances in animal and veterinary sciences, 9(6): 869-878
Antimicrobial peptides as additive: A meta-analysis on broiler chicken performance, nutrient digestibility, and serum metabolites	**Q2:** journal of animal and feed sciences, 30(2): 100-110
Artificial neural network model to predict crude protein and crude fiber from physical properties of feedstuffs	iop conference vol. 372
Effect of dietary black cumin seed (*Nigella sativa*) on performance, immune status, and serum metabolites of small ruminants: A meta-analysis	**Q2:** small ruminant research, 204
Effect of dietary propolis supplementation on broiler chicken performance, nutrient digestibility, and carcass characteristics: A meta-analysis	**Q2:** tropical animal science journal
Effect of dietary propolis supplementation on growth performance, intestinal morphology, antiviral immune response, and bacterial population of broiler chickens: a meta-analysis	**Q3:** south African journal of animal science, 51(4): 477-487
Effects of dietary flavonoids on performance, blood constituents, carcass composition and small intestinal morphology of broilers: A meta-analysis	**Q1:** animal bioscience, 349(3): 434-442
Evaluate non-linear model logistic, gompertz, and weibull: Study case on calcium and phosphor requirements of laying hen	iop conference vol. 478
Evaluation of linear models and linear mixed models to predict the effects of antimicrobial peptides on broiler performance	iop conference vol. 478
Influence of different forms of flavonoid on growth performance and gut morphology of broiler: A meta-analysis	iop conference vol. 1098
Lowering chitin content of cricket (*Gryllus assimilis*) through exoskeleton removal and chemical extraction and its utilization as a ruminant feed in vitro	**Q3:** Pakistan journal of biological sciences, 20(10): 523-529
Optimization of the *Hermetia illucens* larvae extraction process with response surface modelling and its amino acid profile and antibacterial activity	iop conference vol. 546
Potential fatty acid composition of *Hermetia illucens* oil reared on different substrates	iop conference vol. 546
The effect of anti-microbial peptide on the performance, survival rate, and diarrhea ratio the pig: A meta-analysis	**Q3:** journal of the Indonesian tropical animal agriculture
The effects of dietary tannins on performance, lymphoid organ weight, and amino acid illeal digestibility of broiler chickens: A meta-analysis	**Q2:** veterinary world, 14(6): 1405-1411
The effects of mixed vitamins, minerals, fatty acids, and amino acids supplementation into drinking water on broiler chickens' performance and carcass traits	**Q4:** journal of world's poultry research, 11(1): 47-52
The effects of probiotics on the performance, egg quality, and blood parameters of laying hens: A meta-analysis	**Q2:** journal of animal and feed sciences, 30(1): 11–18

I hereby declare that all the above information is correct and accurate.

Tulungagung, 15 November 2021
Dr. Mohammad Miftakhus Sholikin, S.Pt., M.Si.