Mohammad Miftakhus Sholikin[1]

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1. https://www.researchgate.net/profile/Mohammad_Sholikin2 [1]
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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.[1] IPB University: Cricket meal as protein alternative for animal feed[1]
2019 M.Sc.[1] IPB University: Protein extraction of maggot using response surface modelling[1]
2021 Dr.[1] IPB University: Antimicrobial peptide as an alternative antibiotic growth promoter[1]

Non-formal education

2021 datacamp: Introduction to python[1], R[1], and SQL[1]
2021 DQLab: A walk into sensory science using R[1]
2021 DQLab: Basic feature discovering for machine learning[1]
2021 DQLab: Business decision research using python[1]
2021 DQLab: Credit risk analysis using R[1]
2021 DQLab: Customer churn prediction using machine learning[1]
2021 DQLab: Customer segmentation with python[1][2] and R[1]
2021 DQLab: Data analysis of COVID19 using python[1][2] and R[1]
2021 DQLab: Data analyst using python[1][2][3][4][5][6][7][8][9][10][11][12][13][14][15][16][17], R[1][2][3][4][5][6][7], and SQL[1][2][3][4][5]
2021 DQLab: Data science in finance: Dimension reduction using R[1]
2021 DQLab: Data science in telco: Data cleansing[1]
2021 DQLab: Market basket analysis using R[1]

Professional Memberships
October 2020-2022 Animal Feed and Nutrition Modelling Research Group, IPB University[1]

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)[1]
Oct. 2020 Tanjungpura University, instructor (workshop machine learning using python)[1]
Nov. 2020 UIN Suska RIAU, instructor (introduction to meta-analysis using R)[1]
Mar. 2018 – Nov. 2021 IPB University, researcher (full time)

Achievements
- Course of TWINCLE Program by Chiba University[1]
- German language level A1[1]
- The best graduates from bachelor[1], master[1], and doctoral[1] programs
- TOEFL IBT score 477[1]

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 of antimicrobial peptide effects on intestinal bacteria, immune response and antioxidant activity of broilers[1]	**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[1]	**Q3:** advances in animal and veterinary sciences, 9(6): 869-878
Antimicrobial peptides as an additive in broiler chicken nutrition: A meta-analysis of bird performance, nutrient digestibility and serum metabolites[1]	**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[1]	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[1]	**Q2:** small ruminant research, 204
Effect of dietary propolis supplementation on broiler chicken performance, nutrient digestibility, and carcass characteristics: A meta-analysis[1]	**Q2:** tropical animal science journal
Propolis supplementation affects performance, intestinal morphology, and bacterial population of broiler chickens[1]	**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[1]	**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[1]	iop conference vol. 478
Evaluation of linear models and linear mixed models to predict the effects of antimicrobial peptides on broiler performance[1]	iop conference vol. 478
Influence of different forms of flavonoid on growth performance and gut morphology of broiler: A meta-analysis[1]	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[1]	**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[1]	iop conference vol. 546
Potential fatty acid composition of *Hermetia illucens* oil reared on different substrates[1]	iop conference vol. 546
The effect of anti-microbial peptide on the performance, survival rate, and diarrhea ratio the pig: A meta-analysis[1]	**Q3:** journal of the Indonesian tropical animal agriculture
Effect of dietary tannins on the performance, lymphoid organ weight, and amino acid ileal digestibility of broiler chickens: A meta-analysis[1]	**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[1]	**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[1]	**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.