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Dosen Program Studi S1 Peternakan
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Mhd Adanan Purba, S.Pt., M.Sc.,Ph.D., lahir di Padang Sidempuan pada tanggal 20 Oktober 1992. Ia merupakan seorang dosen di Universitas Sumatera Utara dengan bidang ilmu Nutrisi dan Makanan Ternak. Ia menyelesaikan pendidikan sarjana (S1) di jurusan Ilmu Peternakan Universitas Sumatera Utara, Magister of Science dengan jurusan Animal Nutrition and Feed Science, Feed Research Institute, Graduate School of Chinese Academy of Agricultural Sciences (CAAS) pada tahun 2020 dan menyelesaikan program doktor di Graduate School of Chinese Academy of Agricultural Sciences, Beijing, China pada tahun 2024. Bidang keahlian Immunology, Antioxidant dan kesehatan ternak terutama pada hewan monogastric seperti Unggas dan Babi.

Fokus penelitian saat ini adalah meningkatkan sistem imun ternak melalui perbaikan nutrisi pakan dalam mendukung zero AGP dan meningkatkan produksi ternak monogastric terutama pada ayam broiler dan babi.

Prestasi penerima beasiswa Bidikmisi untuk program S1, penerima beasiswa Chinese Government Scholarship untuk S2 dan S3 di Beijing China.

Publications

2023

Jurnal nasional terakreditasi

Teknologi Pengolahan Limbah Dengan Sistem All Out Dalam Upaya Meningkatkan Biosekuriti Lingkungan, Kesehatan Ternak dan Income Peternak Di Peternakan Activist Farm

ADE TRISNA , YUNILAS , ERI YUSNI , MHD. ADANAN PURBA

2022

Jurnal nasional

Analysis of the Potential Development of Goats and Sheep in Batu Bara

GALIH ARI WIRAWAN SIREGAR , ARMYN HAKIM DAULAY , MHD. ADANAN PURBA

2026

Prosiding seminar internasional

Antibacterial test of gambir (Uncaria gambir roxb) from Pakpak Bharat, Indonesia

NURZAINAH GINTING , MHD. ADANAN PURBA , R. EDHY MIRWANDHONO , Yuan Yu Lin

2023

Prosiding seminar internasional

In-Silico Primer Designing and PCR for Detection of Foot and Mouth Disease Virus (FMDV)

MHD. ADANAN PURBA

2023

Jurnal internasional bereputasi

Compound non-starch polysaccharide enzymes improve growth performance, slaughter performance, immune function, and apparent utilization rate of nutrients in broiler chickens fed a low-metabolizable energy diet

MHD. ADANAN PURBA

2026

Jurnal internasional bereputasi

Gut microbiota dysbiosis induced by tibial dyschondroplasia in turn

accelerates disease

MHD. ADANAN PURBA , Li Chong

2026

Prosiding seminar internasional

Supplementation of ketepeng cina powder (Senna alata) as a biobiotic in feed for improving growth and slaughter performance on broiler chicken infected by Salmonella typhimurium

NURZAINAH GINTING , MHD. ADANAN PURBA , ADE TRISNA , FUAD HASAN

2022

Jurnal nasional terakreditasi

Monitoring chicken livestock process using Vento Application at a farm

MHD. ADANAN PURBA

2020

Jurnal internasional

A study about Protective Effect of Brevibacillus laterosporus texasporus Culture on Broiler Chickens Infected with Salmonella Pullorum

MHD. ADANAN PURBA

2026

Jurnal internasional bereputasi

Evaluation of Sargassum cristaefolium, Sargassum crassifolium, and Enhalus acoroides as feed additives for improving rumen fermentation and mitigating enteric methane emissions in vitro

NURZAINAH GINTING , RONI PAZLA , RAHMAT HIDAYAT , ASMUDDIN NATSIR , MHD. ADANAN PURBA , GALIH ARI WIRAWAN SIREGAR

2022

Prosiding seminar internasional

The effect of brevibacillus laterosporus texasporus culture on percentage of carcass broilers chickens infected with salmonella pullorum

KENNIE CENDEKIA DESNAMRINA , YUNILAS , ADE TRISNA , MHD. ADANAN PURBA

2026

Jurnal nasional terakreditasi

Global Research Trends and Knowledge Structures on the Role of Fermented Feed

MHD. ADANAN PURBA

2024

Jurnal internasional bereputasi

Dietary Replacement of Soybean Meal with Zanthoxylum bungeanum Seed Meal on Growth Performance, Blood Parameters, and Nutrient Utilization in Broiler Chickens

MHD. ADANAN PURBA

2026

Jurnal nasional terakreditasi

Global Research Trends and Knowledge Structures on the Role of Fermented Feed

MHD. ADANAN PURBA

2022

Jurnal nasional

Analysis of the Potential Development of Goats and Sheep in Batu Bara

TONGKU MALIM NOOR HADI HARAHAHAP , MHD. ADANAN PURBA , GALIH ARI WIRAWAN SIREGAR , ARMYN HAKIM DAULAY

2023

Prosiding seminar internasional

Evaluation the effect of antibiotics and probiotics supplementation in feed on broilers chicken immunity status

ADE TRISNA , MHD. ADANAN PURBA

2024

Enhancing the Production Performance and Nutrient Utilization of Laying Hens by Augmenting Energy, Phosphorous and Calcium Deficient Diets with Fungal Phytase (*Trichoderma reesei*) Supplementation

MHD. ADANAN PURBA

2026

Jurnal internasional bereputasi

A meta-analysis of the effects and relationship between guanidinoacetic acid and the growth performance of broiler chickens

MHD. ADANAN PURBA

Researches

2022

Penelitian Dana Lokal Perguruan Tinggi

Evaluasi Transportasi Antibiotik dari Pakan Ternak Unggas Sampai Ke Feses dan Kontaminasinya Pada Tanah dan Air : Studi Kasus di daerah Waduk sibayak

ADE TRISNA , MHD. ADANAN PURBA

2022

Ipteks Bagi Masyarakat

The effect of *brevibacillus laterosporus texasporus* culture on percentage of carcass broilers chickens infected with *salmonella pullorum*

ADE TRISNA , YUNILAS , MHD. ADANAN PURBA , KENNIE CENDEKIA DESNAMRINA

Community Services

2026

Penguatan Ketahanan Ekonomi Dan Lingkungan Desa Cempa Melalui Integrasi Budidaya Perikanan, Jamur Tiram, Peternakan Rakyat, Dan Mitigasi Banjir Berbasis Partisipatif”

ADRIAN HILMAN , ELISA JULIANTI , MHD. ADANAN PURBA

2022

Ipteks Bagi Masyarakat

Waste Animals Treatment Technology with All out System as an Effort to Improve Environmental Biosecurity, Livestock Health and Farmers Income in Activist Farm

ADE TRISNA , YUNILAS , ERI YUSNI , MHD. ADANAN PURBA
