Dr. Salomo Hutahaean, M.Si

Lecturer of Laboratorium Fisiologi dan Rumah Hewan Percobaan Study Program
Fakultas Matematika Dan Ilmu Pengetahuan Alam
Universitas Sumatera Utara

salomo@usu.ac.id

USU Faculty of Mathematics and Natural Sciences

fmipa.usu.ac.id/en/lecturer/salomo-hutahaean

Dr. Salomo Hutahaean, M.Si was born in Laguboti on October 11, 1965. He is a Biology lecturer at the Universitas Sumatera Utara. He completed his doctoral degree in Biology at Gadjah Mada University in 2010.

Publications

2025
Jurnal nasional terakreditasi

The Effect Of Areca Nut (Areca catechu L.) Ethanol Extract On The Morphology and Histology Of Alloxan Induced Rat (Rattus norvegicus L.) Testis

SALOMO HUTAHAEAN

2025
Jurnal internasional

Biwa (Eriobotrya japonica) Leaf Nanoherbal for Diabetes Therapy: In Silico and In Vivo Study on Blood Glucose and Pancreatic Histology

SALOMO HUTAHAEAN

2025
Jurnal internasional bereputasi

Biwa (Eriobotrya japonica) Leaf Nanoherbal for Diabetes Therapy: In Silico and In Vivo Study on Blood Glucose and Pancreatic Histology.

SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2025
Jurnal nasional terakreditasi

Uji Aktivitas Hepatoprotektor pada Tikus Model Kanker Payudara yang Diinduksi Benzo(A)Piren Setelah Pemberian Ekstrak Metanol Daun Biwa (Eriobotrya japonica Lindl)

FEBRY RAHMADHANI HASIBUAN , SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN , FITRI ELIZABRTH BR HASIBUAN , WIDYA SYAHFITRI

2025
Jurnal nasional terakreditasi

UJI EFEK NEFROPROTEKTIF EKSTRAK ETANOL DAUN BIWA (Eriobotrya japonica Lindl) TERHADAP KADAR KREATININ TIKUS MODEL KANKER PAYUDARA YANG DIINDUKSI Benzo(a)Pyrene

SALOMO HUTAHAEAN

2023
Prosiding seminar internasional

Oral acute toxicity study of nano herbal Sikkam leaves (Bischofia javanica)

SALOMO HUTAHAEAN , CHERYL GRACE PATIWI RUMAHORBO RUMAHORBO

2023
Jurnal nasional terakreditasi

Organoleptic evaluation and chemical tests of various formulations of kencur drink (Kaemfelia galanga L.): efforts to find the best formulation to increase

body immunity

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2022
Prosiding seminar internasional

Bioactivity compound prediction of Saurauia vulcani as immunostimulant: An in silico approach

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , PANAL SITORUS

2021
Jurnal internasional bereputasi

Components and acute toxicity of nanoherbal haramonting (Rhodomyrtus tomentosa)

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH

2021
Jurnal internasional

Effect of Andaliman Fruit Extract on Cervical Cancer Rat's Histology

SALOMO HUTAHAEAN

2021
Jurnal internasional bereputasi

Effect of Nano Herbal Andaliman (Zanthoxylum acanthopodium) Fruits in NOTCH1 and Hes1 Expressions to Human Placental Trophoblasts

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH

2021
Jurnal internasional

Effectivity of Nano herbal Andaliman (Zanthoxylum acanthopodium) to the Vascular Endothelial Growth Factor (VEGF) expression in burn wound in diabetic rats

SALOMO HUTAHAEAN

2021
Jurnal internasional bereputasi

Effect of Andaliman (Zanthoxylum acanthopodium DC.) Methanol Extract on Ratâ€™s Kidney and Liver Histology Induced by Benzopyrene

ROSIDAH , SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2021
Prosiding seminar internasional

The effect of sikkam (Bischofia javanica) leaf extract on blood sugar levels and islet of langerhans in alloxan-induced diabetic rats

SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2021
Jurnal internasional bereputasi

Apoptosis via cytochrome c in aortic tissue of diabetes mellitus after giving sikkam leaves (Bischofia javanica Blume)

SALOMO HUTAHAEAN

2021
Jurnal internasional bereputasi

Insulin expression and insulitis degree of diabetic rats after giving sikkam leaves (Bischofia javanica Blume)

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2021
Jurnal internasional bereputasi

Antidiabetic Activity and Immunostimulant Potential of Bosibosi (Timonius flavescens (Jacq) Baker) Leaves Ethanol Extract in Alloxan-Induced Diabetic Rats

ADRIANA YULINDA DUMARIA LBN.GA , SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN , HERBERT SIPAHUTAR

2021
Jurnal internasional bereputasi

Histological changes in placental rat apoptosis via FasL and cytochrome c by the nano-herbal Zanthoxylum acanthopodium

ROSIDAH , SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2021
Jurnal internasional bereputasi

Diabetic wound healing in fgf expression by nano herbal of rhodomyrtus tomentosa l. And zanthoxylum acanthopodium fruits

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Placental histological on preeclamptic rats (Rattus norvegicus) after administration of nanoherbal haramonting (Rhodomyrtus tomentosa)

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Effects of Nanoherbal Haramonting (Rhodomyrtus tomentosa) and Extra Virgin Olive Oil on Histology of Liver and Kidney of Preeclamptic Rats.

SALOMO HUTAHAEAN

2020
Jurnal internasional

Histological Change of Pancreatic Islands Following Administration of Saurauia vulcani Korth Leaves Extract in Alloxan-induced Diabetic Mice

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2020
Jurnal internasional bereputasi

Effects of Nanoherbal Haramonting (Rhodomyrtus tomentosa) and Extra Virgin Olive Oil on Histology of Liver and Kidney of Preeclamptic Rats.

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Effectiveness of Administration Extract Haramounting Leaf (Rhodomyrtus tomentosa (Aiton) Hassk) as Antioxidant in Preventing Special Liver Values SGOT/SGPT Mice (Mus musculus LÃƒâ€šÃ‚Â …

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

The Study of extract ethanol of Pirdot (Saurauria Vulcani Korth.) as immunostimulant in Rats (Rattus norvegicus)

SALOMO HUTAHAEAN

2020
Buku referensi

Cegah Dini Kanker Serviks

ROSTIME HERMAYERNI SIMANULLANG , SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Acute toxicity test and histological description of organs after giving nano herbal andaliman (Zanthoxylum acanthopodium)

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Phytochemical screening, antioxidant activity and thin-layer chromatography test of methanol extract and simplicia leaves of loquat (Eriobotrya japonica Lindl)

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Ethanol extract of pirdot (Saurauia vulcani korth) as immunostimulant in rats (rattus norvegicus)

SALOMO HUTAHAEAN

2020
Jurnal internasional bereputasi

Effects of nanoherbal haramonting (Rhodomyrtus tomentosa) and extra virgin olive oil on histology of liver and kidney of preeclamptic rats

SALOMO HUTAHAEAN

2019
Prosiding seminar internasional

The Effect of Ethanol Extract of Okra (Abelmoschus esculentus L.) Moench) on Tumor Growth in Breast Cancer Rats Model Induced by Benzo-a-Pyrene

SYARIFAH RISKA MELA PUTRI , SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , WIDYA SYAHFITRI , FITRI ELIZABRTH BR HASIBUAN

2019
Jurnal internasional bereputasi

Study of Combination of Nanoherbal Andaliman (Zanthoxylum acanthopodium) and Extra Virgin Olive Oil (EVOO) Effects in the Expression of Malondialdehyde (MDA), Heat Shock Protein-70 (HSP70) and Placental Histology of Preeclamptic Rats

SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2019
Jurnal nasional terakreditasi

Synthetic Peptides as Immunogen in the Production of IgY Anti-C-Myc Antibody in Local Chicken (Gallus Gallus)

SALOMO HUTAHAEAN

2019
Jurnal internasional bereputasi

Effect of Nanoherbal Andaliman (Zanthoxylum Acanthopodium) and Extra Virgin Olive Oil Combination on Preeclamptic Rats Liver Histology. Open Access Maced J Med Sci. 2019 Jul 30Ãƒâ€šÃ‚Â ...

SALOMO HUTAHAEAN

2019
Jurnal internasional

Antioxidant Activity of Haramounting Leaf Ethanol Extract (Rhodomytrus tomentosa) in Preventing Heart Damage of Mice (Mus musculus L.) after exposure to Electronic Cigarette

SALOMO HUTAHAEAN

2019
Prosiding seminar internasional

Immunostimulatory Activity from Pirdot Leaves Ethanolic Extract (Saurauia vulcani Korth.) in Rats (Rattus norvegicus)

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2019
Jurnal internasional bereputasi

Effect of Turmeric Rhizome Extract (Curcuma longa L.) on Liver Histology of Preeclampsia Rat (Rattus norvegicus L.)

SALOMO HUTAHAEAN

2019
Jurnal internasional

Effect of Combination of Nano Herbal Andaliman (Zanthoxylum acanthopodium DC.) and Extra Virgin Olive Oil (EVOO) to Kidney Histology of Preeclampsia Rats

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2019
Prosiding seminar internasional

Effect of Turmeric Rhizome Extract (Curcuma longa L.) on Kidney Histology of Preeclampsia Rats (Rattus norvegicus L.)

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2019
Jurnal internasional bereputasi

The Effect of Haramounting Leaf Ethanol Extract (Rhodomyrtus tomentosa (Aiton) Hassk.) on the Number of Leukocyte Type and Histology of Mice Pulmo (Mus Musculus L.) Exposed to Electronic Cigarette

SALOMO HUTAHAEAN

2018
Jurnal internasional bereputasi

The effect of Saurauia vulcani Korth. leaves extract on penile corpus cavernosa microstructure and the quality of sperm in alloxan-induced diabetic mice

SALOMO HUTAHAEAN

2018
Prosiding seminar internasional

The effect of Saurauia vulcani Korth. leaves extract on penile corpus cavernosa microstructure and the quality of sperm in alloxan-induced diabetic mice

SYAFRUDDIN ILYAS , EMITA SABRI , SALOMO HUTAHAEAN

2018
Jurnal internasional bereputasi

INFLUENCE OF PIRDOT LEAF (SAURAUIA VULCANI, KORTH.) EXTRACT ON THE BLOOD GLUCOSE RATE AND HISTOLOGIC DESCRIPTION OF THE RETINA OF MALE MICE (MUS MUSCULUS STRAIN DDW)

SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2018
Jurnal nasional

PENGARUH EKSTRAK ETANOL DAUN PIRDOT (Saurauria vulcani Korth) TERHADAP LIMPA, TROMBOSIT, dan LIMFOSIT TIKUS PUTIH yang DIINDUKSI SDMD.

SALOMO HUTAHAEAN

2018
Jurnal internasional

Transforming growth factor expression (TGF-β) correlate with serum level of malondialdehyde (MDA) after EVOO administration in preclinical rat models of preeclampsia

SALOMO HUTAHAEAN

2018
Jurnal internasional bereputasi

TRANSFORMING GROWTH FACTOR BETA OF TESTIS GERMINAL CELL IN GUINEA PIG (CAVIA PORCELLUS) AFTER EXPOSURE TO METHANOL EXTRACT OF THE SEEDS OF BITTER MELON (MOMORDICA CHARANTIA) AND DEPOT MEDROXYPROGESTERONE ACETATE

NURSAL , SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2018
Jurnal internasional bereputasi

RELATIONSHIP BETWEEN BCL-2 EXPRESSION AND APOPTOSIS INDEX ON RAT (RATTUS NORVEGICUS) MODEL OF PREECLAMPSIA AFTER ADMINISTRATION OF EVOO

ROSIDAH , SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2018
Prosiding seminar internasional

Quantity and quality of guinea pig (cavia porcellus) spermatozoa after administration of methanol extract of bitter melon (momordica charantia) seed and depot medroxy progesterone acetate (DMPA)

SALOMO HUTAHAEAN , NURSAL , SYAFRUDDIN ILYAS

2018
Jurnal internasional bereputasi

Quantity and quality of guinea pig (cavia porcellus) spermatozoa after administration of methanol extract of bitter melon (momordica charantia) seed and depot medroxy progesterone acetate (DMPA)

SALOMO HUTAHAEAN

2015
Jurnal internasional bereputasi

Image Segmentation with K-Means Clustering in PoultryÃƒÆ'Ã‚Â¢€™ s Antibody Production Process

SALOMO HUTAHAEAN

2015
Jurnal nasional terakreditasi

Uji Antihiperglikemia Ekstrak Etanol Daun Kembang Bulan (Tithonia diversifolia) Pada Mencit (Mus musculus) Yang Diinduksi Diabetes Dengan Aloksan

SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2015
Jurnal internasional

PRODUCTION OF ANTIBODY IgY ANTI-c-Myc IN CHICKEN EGGS

SALOMO HUTAHAEAN

2015
Jurnal nasional

Kualitas Spermatozoa Sapi Limousin Dalam Pengencer Two-Stetm Extender Dengan Suplementasi Kuning Telur Bebek Selama Penyimpanan Pada Refrigerator

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2015
Jurnal internasional

Levels of apigenin and immunostimulatory activity of leaf extracts of bangunbangun (Plectranthus amboinicus Lour)

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2014
Jurnal nasional

PENGARUH EKSTRAK ETANOL BANGUNBANGUN (Coleus ambonicus L) TERHADAP TITER ANTIBODI HUMORAL DAN BERAT BADAN TIKUS PUTIH (Rattus n...

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2014
Jurnal nasional

PENGARUH EKSTRAK ETANOL BANGUNBANGUN (Coleus ambonicus L) TERHADAP TITER ANTIBODI HUMORAL DAN BERAT BADAN TIKUS PUTIH (Rattus norvegicus)

SALOMO HUTAHAEAN

2014
Jurnal internasional

Study of the extract activities of Buas buas leaves (Premna pubescens) as imunostimulant on rats (Rattus novegicus)

SALOMO HUTAHAEAN

2014
Jurnal internasional

Study of the extract activities of buas buas leaves (Premna pubescens) as immunostimulant on rats (Rattus novegicus)

SALOMO HUTAHAEAN

2013
Jurnal nasional

Kelainan Perkembangan Kraniofacial Fetus Mencit (Mus musculus L.) Strain DDW Setelah Pemberian Ekstrak N-Heksan Buah Andaliman (Zanthoxylum acanthopodium DC.)

SALOMO HUTAHAEAN

2013
Jurnal nasional

Pengaruh pemberian vitamin C dan E terhadap gambaran histologis ginjal mencit (Mus musculus L.) yang dipajankan monosodium glutamat (MSG)

SALOMO HUTAHAEAN

2013
Jurnal nasional

Pengaruh pemberian vitamin c dan e terhadap gambaran histologis testis mencit (Mus musculus L.) yang dipajankan monosodium glutamat (MSG)

SALOMO HUTAHAEAN

2013
Jurnal nasional

Gambaran Histologis Pulmo Mencit Jantan (Mus musculus L.) Setelah Dipapari Asap Rokok Elektrik

SALOMO HUTAHAEAN

2013
Jurnal nasional

Pengaruh pemberian vitamin C dan E terhadap gambaran histologis hepar mencit (Mus musculus L.) yang dipajankan Monosodium Glutamat (MSG)

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2013
Jurnal nasional

Kelainan Perkembangan Kraniofacial Fetus Mencit (Mus musculus L.) Strain DDW Setelah Pemberian Ekstrak N-Heksan Buah Andaliman (Zanthoxylum acanthopo...

SALOMO HUTAHAEAN

2011
Jurnal nasional terakreditasi

Kerentanan Palatogenesis Mencit (Mus musculus L.) terhadap Induksi Cleft Palate TCDD

SALOMO HUTAHAEAN

2011
Jurnal nasional

Critical Periods for TCDD-Induced Cleft Palate in Mice (Mus musculus L.)

SALOMO HUTAHAEAN

2008
Buku lainnya

Hak dan atau Kewajiban Tenaga Kerja dan Pengusaha / Pengurus yang Ditetapkan dalam Peraturan Perundangan Keselamatan dan Kesehatan Kerja

GERRY SILABAN , SALOMO HUTAHAEAN

2004
Jurnal nasional

Gambaran Histologi Transdiferensiasi Epitel Palatum Sekunder Mencit (Musmusculus)

SALOMO HUTAHAEAN

2002
Jurnal internasional bereputasi

Interleukin-10 levels in Epstein-Barr virus-associated nasopharyngeal carcinoma.

SALOMO HUTAHAEAN

2026
Jurnal internasional

Test Antihyperglycemia Ethanol Leaf Extract Kembang Bulan (Tithonia diversifolia) in Mice (Mus musculus) The Induced Diabetes With alloxan

SALOMO HUTAHAEAN

2026
Jurnal nasional

Ekspresi Protein S‐100 di Jaringan Palatum Embrio Mencit (Mus Musculus L.)

SALOMO HUTAHAEAN

Researches

2023
Penelitian Dana Lokal Perguruan Tinggi

PEMANFAATAN LUMUT HATI Marchantia paleacea Bertol. SUMATERA UTARA SEBAGAI ANTI INFLAMASI

SALOMO HUTAHAEAN , NURSAHARA PASARIBU , ETTI SARTINA SIREGAR

2022
Biomedik

Studi Tranduksi Sinyal Molekuler Nanoherbal Daun Sikkam (Bischofia javanica) dan Ekstra buah Mahkota Dewa (Phaleria macrocarpa) terhadap Karsinoma Sel Skuamosa Rongga Mulut

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , CHERYL GRACE PATIWI RUMAHORBO RUMAHORBO

2021
Penelitian Unggulan Perguruan Tinggi

Antihiperglikemia Ekstrak Etanol Daun Pirdot (Sarauia vulcani Korth.) pada Mencit Model Diabetes Tipe-2

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2021
Penelitian Fundamental

Analysis of Cytochrome c Expression on Liver Histology of Hepatitis Rats after Administration of Tin and Olive Leaf Ethanol Extract

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2021

Effectivity of Nano herbal Andaliman (Zanthoxylum acanthopodium) to the Vascular Endothelial Growth Factor (VEGF) expression in burn wound in diabetic rats

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSTIME HERMAYERNI SIMANULLANG , RISMA DUMIRI MANURUNG , Syafruddin Ilyas , Salomo Hutahaean , Putri Cahaya Situmorang , Risma Dumiri Manurung

2021
Penelitian Fundamental

Efek Ekstrak Etanol Daun Sikkam (Bischofia javanica) Terhadap Organ Genitalia dan Non Genitalia Tikus Jantan Model Hiperglikemi

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2020
Penelitian Unggulan Perguruan Tinggi

Efek Ekstrak Etanol Daun Sikkam (Bischofia javanica) Terhadap Organ Genitalia dan Non Genitalia Tikus Jantan Model Hiperglikemi

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2020
Penelitian Strategis Nasional

Studi Andaliman (Zanthoxylum acanthopodium) Terhadap Sel Kanker Serviks Tikus (Rattus Novergius)

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2020
Pendidikan Magister Doktor Sarjana Unggul

Studi Tranduksi Sinyal Molekuler Nanoherbal Andaliman (Zanthoxylum acanthopodium) dan Extra Virgin Olive Oil (EVOO) Terhadap Tikus (Rattus Novergius) Preeklampsia

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH , PUTRI CAHAYA SITUMORANG

2020
Penelitian Unggulan Perguruan Tinggi

Antihiperglikemia Ekstrak Etanol Daun Pirdot (Sarauia vulcani Korth.) pada Mencit Model Diabetes Tipe-2

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2020
Penelitian Tim Pasca Sarjana

Efek Ekstrak Daun Bischofia javanica terhadap Kadar GulaDarah, Ekspresi Protein Insulin, dan Histopatologi Pankreas Tikus yang Diinduksi Diabetes dengan Aloksan

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , CHERYL GRACE PRATIWI RUMAHORBO

2020
Penelitian Disertasi Doktor

ANALISIS EFEKTIFITAS NANOHERBAL BUAH ANDALIMAN (Zanthoxylum acanthopodium) DAN/ATAU NANOHERBAL DAUN HARAMOUNTING (Rhodomyrtus tomentosa) TERHADAP LUKA BAKAR TIKUS (Rattus norvegicus L.) DIABETES MELLITUS

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH , RISMA DUMIRI MANURUNG

2019

Effect of Andaliman (Zanthoxylum acanthopodium DC.) Methanol Extract on Rat's Kidney and Liver Histology Induced by Benzopyrene

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSTIME HERMAYERNI SIMANULLANG

2019
Penelitian Disertasi Doktor

ANALISIS EFEKTIFITAS NANOHERBAL BUAH ANDALIMAN (Zanthoxylum acanthopodium) DAN/ATAU NANOHERBAL DAUN HARAMOUNTING (Rhodomyrtus tomentosa) TERHADAP LUKA BAKAR TIKUS (Rattus norvegicus L.) DIABETES MELLITUS

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH , RISMA DUMIRI MANURUNG

2019
Pendidikan Magister Doktor Sarjana Unggul

Studi Tranduksi Sinyal Molekuler Nanoherbal Andaliman (Zanthoxylum acanthopodium) dan Extra Virgin Olive Oil (EVOO) Terhadap Tikus (Rattus Novergius) Preeklampsia

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH , PUTRI CAHAYA SITUMORANG

2018
Pendidikan Magister Doktor Sarjana Unggul

Studi Tranduksi Sinyal Molekuler Nanoherbal Andaliman (Zanthoxylum acanthopodium) dan Extra Virgin Olive Oil (EVOO) Terhadap Tikus (Rattus Novergius) Preeklampsia

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS , ROSIDAH , PUTRI CAHAYA SITUMORANG

2018
Penelitian Strategis Nasional

Regenerasi Sel ÃŽÂ² dan Pola Ekspresi Protein c-Myc, NF-ÃŽÂºB, dan Insulin

pada Pankreas Mencit Diabetes Setelah Pemberian Ekstrak Daun Pirdot (Saurauia vulcani Korth.)

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2017
Penelitian Unggulan Strategis Nasional

Regenerasi Sel Î² dan Pola Ekspresi Protein c-Myc, NF-ÎºB, dan Insulin pada Pankreas Mencit Diabetes Setelah Pemberian Ekstrak Daun Pirdot (Saurauia vulcani Korth.)

SALOMO HUTAHAEAN , SUCI RAHAYU

2013
Penelitian Fundamental

Produksi Antibodi Poliklonal IgY Chicken Anti-c-Myc dan Uji Aktivitasnya Pada Im

SALOMO HUTAHAEAN

Community Services

2020
Ipteks Bagi Masyarakat

PENINGKATAN SWAMEDIKASI DAN PEMBERDAYAAN IBU-IBU RUMAH TANGGA DALAM MERACIK JAMU: UPAYA PENCEGAHAN PENYEBARAN COVID-19 DENGAN PENINGKATAN IMUNOMODULATOR

SALOMO HUTAHAEAN , SYAFRUDDIN ILYAS

2019

Pemanfaatan Limbah Sisik Ikan untuk Pembuatan Kerajinan

SALOMO HUTAHAEAN , MIZAWARTI , HESTI WAHYUNINGSIH

Intellectual Property Rights

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Paten nasional

EKSTRAK ETANOL 96% DAUN SIKKAM (BISCHOFIA JAVANICA) UNTUK MEMPERBAIKI HISTOLOGIS GINJAL (SINDROM NEFROTIK)

SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2021
Hak cipta nasional

Effect of Andaliman (Zanthoxylum acanthopodium DC.) Methanol Extract on Ratâ€™s Kidney and Liver Histology Induced by Benzopyrene

ROSTIME HERMAYERNI SIMANULLANG , SYAFRUDDIN ILYAS , SALOMO HUTAHAEAN

2020
Hak cipta nasional

Cegah Dini Kanker Serviks

SYAFRUDDIN ILYAS , ROSTIME HERMAYERNI SIMANULLANG , SALOMO HUTAHAEAN