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Prof. Dr. Syafruddin Ilyas, M. Biomed. was born in Pekanbaru on February 9, 1966, and is a lecturer in Biology at Universitas Sumatera Utara. He completed a Doctoral Program in Biomedical Science at UI in 2008.

Publications

2026
Jurnal internasional bereputasi

UPLC-QTOF-MS Profiling and In Silico Evaluation of Beta-Secretase Inhibitors from Ethyl Acetate Fraction of Paraboea leuserensis: Towards a Potential Therapeutic Approach for Alzheimer's Disease

YURNADI , SAFNI , SYAFRUDDIN ILYAS

2025
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Screening the Active Compound Profile and Mechanisms of Paraboea leuserensis B.L. Burtt on PSEN1 Human Gene: UPLC-QToF-MS Identification and Molecular Docking Analysis Study

YURNADI , SAFNI , SYAFRUDDIN ILYAS

2025
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Citrus Aurantifolia Ethanol Extract As A Modulator Of TNF- α In Imiquimod-Induced Psoriasis Rat Model

BINARWAN HALIM , ENDY JULI ANTO , JEKSON MARTIAR SIAHAAN , SYAFRUDDIN ILYAS , DIAN RAVINI

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)

FITRI ELIZABRTH BR HASIBUAN , SYAFRUDDIN ILYAS , WIDYA SYAHFITRI

2025
Jurnal internasional bereputasi

Fiber and starch of Colocasia esculenta var. Mentawai ameliorate adiposity, dyslipidemia and gut dysbiosis in mice fed high fat diet

PUTRA SANTOSO , SYAFRUDDIN ILYAS , RESTI RAHAYU

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Chronic Oral Exposure to V. gracilis Nanoherbs: Toxicity Assessment

SYAFRUDDIN ILYAS , MUSWITA , SALMI , HUSNARIKA FEBRIANI , DINA KHAIRANI , DINI PRASTYO WATI

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Nano-herbal combination targets apoptosis in oral squamous cell carcinoma

SYAFRUDDIN ILYAS , CHERYL GRACE PATIWI RUMAHORBO RUMAHORBO

2024
Jurnal internasional bereputasi

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A novel therapeutic approach to doxorubicin-induced cardiotoxicity, with a particular emphasis on the potential cardioprotective properties of Vitis gracilis Wall.

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Flavonoids for hepatoprotection: Potential natural approaches to mitigate doxorubicininduced liver toxicity: A mini review

DINA KHAIRANI , SYAFRUDDIN ILYAS

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Mentawai Taro (Colocasia esculenta var. Mentawai) Corm Flour Ameliorates Insulin Resistance and Leukocytosis Promoted by High-Fat Diet in Mice

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Assessing the hepatoprotective efficacy of Vitis gracilis Wall. against doxorubicin-induced hepatic injury in rats

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2024
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Predictive bioactivity of compounds from Vitis gracilis leaf extract to counteract doxorubicin-induced cardiotoxicity via sirtuin 1 and adenosine monophosphate-activatedÂ …

SYAFRUDDIN ILYAS , RITA MALIZA , PUTRA SANTOSO , YURNADI

2024
Buku referensi

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2024
Buku referensi

Prinsip dan Praktik Hewan Percobaan Mencit (Mus musculus)

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Protective effect of Vitis gracilis Wall (Vitaceae) leaf decoction on sexual vitality and testis of alloxan-induced diabetic mice.

PUTRA SANTOSO , YURNADI , SYAFRUDDIN ILYAS

2022
Prosiding seminar nasional

PENGUJIAN AKTIVITAS ANTI BAKTERI DAUN Sphagneticola trilobata JF (L.) Pruski TERHADAP Salmonella typhi DAN Escherichia coli

SYAFRUDDIN ILYAS , TISNA HARMAWAN , VIVI MARDINA

2021
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Role of Heat Shock Protein 70 (HSP-70) after Giving Nanoherbal Haramonting (Rhodomyrtus tomentosa) in Preeclamptic Rats

SYAFRUDDIN ILYAS

2021
Jurnal internasional bereputasi

Effect of Andaliman Fruit Extract on Cervical Cancer Rat s Histology

SYAFRUDDIN ILYAS , RISMA DUMIRI MANURUNG

2018
Prosiding seminar internasional

Effectiveness of administration haramounting leaf (Rhodomyrtus tomentosa) as antioxidant in preventing the damage pancreas mice (Mus musculus L.) after exposure of electric

SYAFRUDDIN ILYAS

2018
Jurnal internasional bereputasi

Description of testis histology of mus musculus after giving nano herbal rhodomyrtus tomentosa (Hara

SYAFRUDDIN ILYAS

2017
Jurnal internasional bereputasi

Quantity Differences of Secondary Metabolites (Saponins, Tannins, and Flavonoids) from Binahong Plant Extract (Anredera cordifolia (Ten.) Steenis) treated and untreated with Colchicines that play a Role in Wound Healing

TRIMURNI ABIDIN , DIANA SOFIA HANAFIAH , SYAFRUDDIN ILYAS , EVA SARTINI BAYU , MARLINE NAINGGOLAN , OLIVIA AVRIYANTI HANAFIAH

Researches

2025
Penelitian Kerjasama Antar Perguruan Tinggi

Metabolic Profiling dari Bawang Batak dan Gagatan harimau serta uji In Silico- In Vitro terhadap potensinya dalam Regenerasi Luka Diabetes

MAI EFDI , SYAFRUDDIN ILYAS , YURNADI

2023
Penelitian Kerjasama Antar Perguruan Tinggi

Aktivitas Antikelelahan dan Perbaikan Memori Spasial Nanoherbal Gagatan Harimau (Vitis gracilis WAll.) pada Mencit (Mus musculus): Pendekatan Preklinis, imunopatogenesis dan Biomolekuler

SYAFRUDDIN ILYAS , SALMI , MUSWITA

2023

Potensi nanoherbal gagatan harimau (vitis gracilis wall.) Sebagai cardioprotektif, hepatoprotektif dan renoprotektif pada tikus yang diinduksi doksorubisin

PUTRA SANTOSO , SYAFRUDDIN ILYAS , YURNADI

2022
Penelitian Dana Lokal Perguruan Tinggi

PENGEMBANGAN NANOHERBAL GAGATAN HARIMAU (VITIS GRACILIS BL) SEBAGAI GEN PENGUAT VITALITAS SEKSUAL DAN NON-SEKSUAL TIKUS JANTAN (RATTUS NORVEGICUS): PENDEKATAN MOLEKULER, HORMONAL, DAN SELULER

PUTRA SANTOSO , SYAFRUDDIN ILYAS

2021
Biomedik

The effect of ingestion of red dragon fruit extract on levels of malondialdehyde and superoxide dismutase after strenuous exercise in rats (Rattus norvegicus)

SYAFRUDDIN ILYAS , Chrismis N. Ginting , Indra Mukti , Nyoman Ehrich Lister , Gusbakti Rusip

2013
Penelitian Fundamental

KAJIAN AKTIFITAS BUAH ANDALIMAN (Zanthoxylum acanthopodium DC) TERHADAP ULTRASTR

EMITA SABRI , SYAFRUDDIN ILYAS

Community Services

2025

PENINGKATAN LITERASI KESEHATAN REPRODUKSI REMAJA MELALUI EDUKASI KESEHATAN REPRODUKSI SEBAGAI UPAYA PREVENTIF BAGI REMAJA DALAM MENYONGSONG MASA DEPAN SEHAT

SYAFRUDDIN ILYAS , Teguh Prasetyo

Intellectual Property Rights

2015
Paten nasional

Ekstrak Daun Bangun-bangun (Plectranthus amboinicus, Lour. Spreng) Sebagai Antikanker Payudara

POPPY ANJELISA ZAITUN HASIBUAN , SYAFRUDDIN ILYAS