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Prof. Dr. Erman Munir, M.Sc. dilahirkan di Padang Panjang pada tanggal 01 November 2022 dan merupakan seorang dosen di Universitas Sumatera Utara dengan bidang ilmu Biologi. Beliau menyelesaikan pendidikan terakhirnya pada jenjang Doktor di Faculty of Agriculture Program Studi Applied Life Sciences Kyoto University pada tahun 2002. Penghargaan yang diraih beliau, yaitu Outstanding Scientist of The Indonesian Institute of Sciences (LIPI) - Japan Society for the Promotion of Sciences (JSPS) Cooperation Program.

Publications

2026
Jurnal nasional terakreditasi

Pelatihan dan Pendampingan Pembuatan Bibit F-0 Jamur Surai Singa (Hericium erinaceus) bagi Petani Jamur di Kota Medan

HOTNIDA SINAGA , LIANA DWI SRI HASTUTI , SINAR INDRA KESUMA , ERMAN MUNIR , CHAIRULLAH , RAFI DANMELIANO PAZSA

2026
Jurnal internasional bereputasi

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Bioactive Compounds from Trentepohlia aurea as Potential Antibacterial Agents Targeting DNA Gyrase: An In Vitro and In Silico Approach

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2025
Jurnal internasional

THE INFLUENCE OF SOCIAL MEDIA MARKETING ON CONSUMER TRUST IN ALLIANCE FRANCAISE MEDAN THROUGH CONSUMER SATISFACTION AS AN INTERVENING VARIABLE

ERMAN MUNIR , Nida Nafisa , BEBY KARINA FAWZEEA

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Jurnal nasional terakreditasi

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Prosiding seminar internasional

Potential of bacteria from mangrove forest sediment in degrading low density polyethylene

ERMAN MUNIR

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Decolorization potential of laccase producing fungi isolated from forest floor

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Diversity and Morphological Characterization of Fungi in the Mangrove Forest of Belawan, North Sumatra

KIKI NURTJAHJA , ERMAN MUNIR

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Artikel ilmiah

Therapeutic Potential of Usnea longissima Extract in Thrombocytopenic Rat Model

ERMAN MUNIR , DELISMA MARSAULI SIMORANGKIR , SONY EKA NUGRAHA

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Screening antibiotic-producing actinomycetes from Lau Kawar lake in North Sumatera Province to inhibit methicillin resistant Staphylococcus aureus (MRSA)

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Enhanced Wound Closure and Tissue Regeneration in Streptozotocin- Induced Diabetic Rats Treated with a Topical Usnea longissima Extract and Hyaluronic Acid Cream

SONY EKA NUGRAHA , ERMAN MUNIR , DWI SURYANTO

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Artikel ilmiah

Decolorization potential of laccase producing fungi isolated from forest floor

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Potential of keratinolytic fungi isolated from chicken and goat farms soil, North Sumatra

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PENINGKATAN PEMASARAN JAMUR MERANG (Volvariella volvaceae) TANKOS KELAPA SAWIT DI DESA TANDUKAN RAJA, KABUPATEN DELI SERDANG, SUMATERA UTARA

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Isolation and screening of local cellulolytic fungi from the digestive tract larvae of Oryctes rhinoceros L., North Sumatra

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Potential of production in Elaeis guineensis Jacq. type resistance to Ganoderma pathogen

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Antagonistic Activity of Endophytic Fungi Isolated from Globba patens Miq. Rhizome against Human Pathogenic Bacteria.

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Isolation and enzyme bioprospection of bacteria associated to Bruguiera cylindrica, a mangrove plant of North Sumatra, Indonesia

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Thaumatin protein predicted from oil palm and rubber using PHYRE 2 and SWISS-MODEL software

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Predicted of a heat shock cognate 70 kDa protein by PHYRE2 and SWISS-MODEL software from Elaeis guineensis and E. oleifera

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Chemical analysis and anticancer activity of sesterterpenoid from an endophytic fungus Hypomontagnella monticulosa Zg15SU and its host Zingiber griffithii Baker

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Chitinase and antifungal activity of endophytic fungi isolated from Hedychium Coronarium J. Koenig

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Isolation and Degradation Study on Carbosulfan Containing Pesticide of Biosufactant-Producing Bacteria From Belawan Sumatera

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Colonization of trichoderma Spp. in Rhizome of five zingiberaceous species from North Sumatra, Indonesia

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Colonization of Trichoderma spp. in rhizome of five zingiberaceous species from north Sumatra, Indonesia.

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Molecular identification of endophytic fungi from torch ginger (Etlingera elatior) antagonist to phytopathogenic fungi

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Keratinase activity of a newly keratinolytic bacteria, azotobacter chroococcum B4

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Occurrence of Nematophagous Fungi in Freshwater Samples of Toba Lake, North Sumatra, Indonesia

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Preliminary Screening of Antagonistic Fungal Endophytes from Zingiberaceae

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Identification of a Potential IAA-Producing Fungus Isolated from Alpinia Sp. Rhizome in Hutan Sibayak, North Sumatera

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Jamur Tiram Sebagai Industri Rumahan di Desa Kutalimbaru Kecamatan Deli Serdang Sumatera Utara

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Antagonistic Endophytic Fungi of Globba pendula Roxb. from Taman Hutan Raya, North Sumatra against Staphylococcus aureus ATCCÂ® 29213TM

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Artikel ilmiah

Antagonistic Endophytic Fungi of Hedychium coronarium J. Koenig from Hutan Sibayak and Taman Hutan Raya, North Sumatra against Staphylococcus aureus ATCCÃƒÆ’Ã¢â‚¬Å¡Ã‚Â® 29213TM

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Artikel ilmiah

Antibacterial and phosphate solubilization activity of endophytic bacteria isolated from Pterydophyta (Tectaria barberi)

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Isolation, Molecular Identification and Verification of Gene Encoding Bacterial Keratinase from Crocodile (Crocodylus porosus) Feces

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First Report of Plant Growth Promoting Endophytic Bacteria from Medicinal Invasive Plants (Chromolaena odorata)

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Landscape planning and economic valuation of mangrove ecotourism using gis and google earth image

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BACTERIA EXTRACT ACTIVITY ASSOCIATED WITH SPONGESHaliclonasp.2 ANDAxinellid sp.AS ANTIBACTERIAL

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Researches

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Kajian Etnobotani, Potensial Distribusi Geografis Dan Konservasi Genetik Durian Langka Indigenous Sumatera (Durio Graveolens Becc.) Serta Pemanfaatannya Secara Berkelanjutan

VAUZIA , ERMAN MUNIR , SYAMSUARDI

2022
Penelitian Dana Lokal Perguruan Tinggi

Bioprospeksi Aktinomisetes Asal Sumatera Utara Penghasil Antibiotik baru Penghambat Methicilin Resistant Staphylococcus Aureus (MRSA)

YURNALIZA , ERMAN MUNIR

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PEMURNIAN DAN KARAKTERISASI SELULASE DARI KUMBANG TANDUK DAN KEMAMPUAN SELULOLITIKNYA

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Penelitian Disertasi Doktor

Karakterisasi Biosurfaktan dari Dua Isolat Lokal Sumatera Utara Pengurai Pestisida

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Potensi antioksidan dan antikanker dari metabolit jamur endofit asal Amomum centrocephalum

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Penelitian Unggulan Perguruan Tinggi

Keragaman dan potensi mikroba selulolitik dari saluran pencernaan larva Oryctes rhinoceros L. pendegradasi bahan organik

DWI SURYANTO , ERMAN MUNIR

2019
Penelitian Dana Lokal Perguruan Tinggi

SKRINING JAMUR ENDOFIT PELARUT FOSFAT DAN PENGHASIL IAA ASAL ZINGIBERACEAE

YURNALIZA , ERMAN MUNIR

2018
Pendidikan Magister Doktor Sarjana Unggul

Isolasi dan karakterisasi Senyawa Metabolit Jamur Endofit Zingiberaceae

serta Aplikasi Melalui Rekombinan Genetik

YURNALIZA , ERMAN MUNIR , ANISA LUTFIA

2017

Penelitian Dana Lokal Perguruan Tinggi

SKRINING JAMUR ENDOFIT BERPOTENSI PENGHASIL ANTIMIKROBA DARI FAMILI ZINGIBERACEAE

YURNALIZA , ERMAN MUNIR

2015

Penelitian Fundamental

PELUANG PEMANFAATAN MIKROBA KERATINOLITIK PENDEGRADASI BULU AYAM UNTUK MENGHASIL

DWI SURYANTO , ERMAN MUNIR

2012

Penelitian Hibah Bersaing

Pengendalian Jamur Patogen Pada Ikan Dengan Bakteri Antagonis.

DWI SURYANTO , ERMAN MUNIR

Community Services

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Budi Daya jamur Surai Singa Pada Petani Jamur di Kota Medan

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PEMANFAATAN LIMBAH TANDAN KOSONG KELAPA SAWIT SEBAGAI MEDIA PERTUMBUHAN JAMUR MERANG

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2014

Penelitian Unggulan Perguruan Tinggi

Identifikasi, Imobilisasi, dan Aplikasi Awal Isolat Lokal Sumatera Utara Pengura

2013

Penelitian Fundamental

PELUANG PEMANFAATAN MIKROBA KERATINOLITIK PENDEGRADASI BULU AYAM UNTUK MENGHASIL

2013

Penelitian Hibah Bersaing

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KIKI NURTJAHJA , LIANA DWI SRI HASTUTI , ERMAN MUNIR

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Paten nasional

Senyawa scalaradial hasil ekstraksi biomas jamur endofit (hypomontagnella meticulusa) sebagai antikanker kolon

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