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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

2025
Prosiding seminar internasional
Potential of bacteria from mangrove forest sediment in degrading low density polyethylene
ERMAN MUNIR

2025
Prosiding seminar internasional
Decolorization potential of laccase producing fungi isolated from forest floor
ERMAN MUNIR

2025
Jurnal internasional bereputasi
Bioactive Compounds from Trentepohlia aurea as Potential Antibacterial Agents Targeting DNA Gyrase: An In Vitro and In Silico Approach
ERMAN MUNIR , NURSAHARA PASARIBU

2025
Jurnal internasional bereputasi
Culturable Waterborne Bacteria from Mangrove Forests and their Decolorization Potential
ERMAN MUNIR

2025
Prosiding seminar internasional
Antimicrobial and antioxidant properties of the lichens Coccocarpia palmicola, Parmotrema clavuliferum and Parmotrema tinctorum
ERMAN MUNIR , OKY KUSUMA ATNI

2024
Jurnal internasional bereputasi
Chemical profiling of fungal metabolites via the OSMAC approach: Novel identification of Brianthein W from an endophytic fungus, Hypomontagnella monticulosa Zg15SU
ERMAN MUNIR

2024
Jurnal internasional bereputasi
Cultivation of Antioxidant-Producing Endophytic Fungus in Rhizophora apiculata Mangrove Plants

DENNY BENDRIANIS , MIFTHAHUL JANNAH , YETRIA RILDA , SITI ZAHARANI ZALAMAH , PUTRA SANTOSO , ERMAN MUNIR

2024
Prosiding seminar internasional
Fungi from mangrove forest and their potential for decolorization
ERMAN MUNIR

2024
Jurnal internasional bereputasi
The Diversity of Fungi in Landfill and their Potential to Degrade Plastic
ERMAN MUNIR

2024
Jurnal internasional bereputasi
The Diversity of Fungi in Landfill and their Potential to Degrade Plastic
AHMAD FAISAL NASUTION , ERMAN MUNIR

2024
Jurnal internasional bereputasi
Cultivation of Antioxidant-Producing Endophytic Fungus in Rhizophora apiculata Mangrove Plants
ERMAN MUNIR

2024
Prosiding seminar internasional
Urease from Vigna umbellata seeds: isolation, partial purification, characterization and antifungal activity
ERMAN MUNIR

2024
Jurnal internasional bereputasi
Cultivation of Antioxidant-Producing Endophytic Fungus in Rhizophora apiculata Mangrove Plants
ERMAN MUNIR

2024
Jurnal internasional bereputasi
Grasshopper (Oxya chinensis) Gut Bacteria and their Cellulolytic Activity
ERMAN MUNIR

2024
Jurnal internasional bereputasi
Grasshopper (Oxya chinensis) Gut Bacteria and their Cellulolytic Activity
AHMAD FAISAL NASUTION , ERMAN MUNIR

2023
Prosiding seminar internasional
In silico analysis on bioactive properties of Griffithiiene, a terpenoid-alkaloid from Zingiber griffithii Baker
ERMAN MUNIR

2022
Prosiding seminar internasional
Occurrence of microbial community on plastic wastes in Terjun Landfill, North Sumatra
ERMAN MUNIR

2022
Prosiding seminar internasional
Potential of cellulolytic fungi isolated from the intestine of Asiatic rhinoceros beetle (Oryctes rhinoceros)
ERMAN MUNIR

2022
Prosiding seminar internasional
Potential of landfill microbes in hydrocarbon degradation
ERMAN MUNIR

2022
Prosiding seminar internasional

Molecular docking analysis of Allium chinense compounds as Secreted Aspartyl Proteinase-5 (SAP5) inhibitor

ERMAN MUNIR

2022
Artikel ilmiah

Growth Tolerance of Trichoderma afroharzianum JRE 1A, a Zingiberaceous Root Fungal Endophyte to Profenofos and ?-Cyhalothrin

ERMAN MUNIR

2021
Prosiding seminar internasional

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

ERMAN MUNIR

2021
Jurnal internasional bereputasi

Physicochemical characteristics, nutrients, and fish production in different types of mangrove forests in North Sumatra and the Aceh Provinces of Indonesia

ERMAN MUNIR

2021
Jurnal internasional bereputasi

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

ERMAN MUNIR

2021
Jurnal internasional bereputasi

Microsatellite analysis to evaluate the seedling and mature of oil palm populations (Elaeis guineensis Jacq.) to Ganoderma boninense resistance

ERMAN MUNIR

2021
Artikel ilmiah

Antifungal activity and IAA production by endophytic fungi isolated from Elettaria sp

ERMAN MUNIR

2021
Jurnal internasional bereputasi

HOUSEHOLD WASTE MANAGEMENT STRATEGY TOWARD ZERO WASTE CITY: A CASE STUDY OF BANDA ACEH

ERMAN MUNIR

2021
Jurnal internasional bereputasi

Analysis of the composition of household waste from the community within the framework of a waste prevention and reduction strategy

ERMAN MUNIR

2020
Jurnal internasional bereputasi

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

ERMAN MUNIR

2020
Jurnal internasional bereputasi

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

ERMAN MUNIR

2020
Jurnal internasional bereputasi

Promoting keratinase activity from newly identified strain strenotrophomonas maltophilia b6 through optimization and characterization

ERMAN MUNIR

2020
Jurnal internasional bereputasi

Keratinase activity of a newly keratinolytic bacteria, azotobacter chroococcum B4

ERMAN MUNIR

2020
Artikel ilmiah

Assessment of oil palm plantation in South Tapanuli using remote sensing and geographic information system in the last three decades

ERMAN MUNIR

2019
Artikel ilmiah

Microbe population in biofertilizer with vermicompost as a carrier during the process and storage

ERMAN MUNIR

2018
Jurnal internasional bereputasi

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

ERMAN MUNIR

2017
Jurnal internasional

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

ERMAN MUNIR

Researches

2023

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

VAUZIA , ERMAN MUNIR , SYAMSUARDI

2022

PEMURNIAN DAN KARAKTERISASI SELULASE DARI KUMBANG TANDUK DAN KEMAMPUAN SELULOLITIKNYA

ERMAN MUNIR

2022
Penelitian Disertasi Doktor

Karakterisasi Biosurfaktan dari Dua Isolat Lokal Sumatera Utara Pengurai Pestisida

ERMAN MUNIR

2021

Potensi antioksidan dan antikanker dari metabolit jamur endofit asal Amomum centrocephalum

ERMAN MUNIR

Community Services

2022

Pengenalan IPTEK bekersa secara aseptis pada petani jamur tiram Kota Medan

ERMAN MUNIR

2021

PENINGKATAN PEMASARAN JAMUR TANKOS KELAPA SAWIT DI DESA TANDUKEN RAGA KABUPATEN DELI SERDANG

ERMAN MUNIR

2020

PEMANFAATAN LIMBAH TANDAN KOSONG KELAPA SAWIT SEBAGAI MEDIA PERTUMBUHAN JAMUR MERANG

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Intellectual Property Rights

2022
Paten nasional

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

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