

Liana Dwi Sri Hastuti, S.Si., M.Si, PhD

Lecturer of Laboratorium Mikrobiologi Study Program
Fakultas Matematika Dan Ilmu Pengetahuan Alam
Universitas Sumatera Utara

✉ liana.hastuti@usu.ac.id

🏢 USU Faculty of Mathematics and Natural Sciences

🌐 fmipa.usu.ac.id/en/lecturer/liana-dwi-sri-hastuti

Liana Dwi Sri Hastuti S.Si., M.Si., Ph.D., born in Medan on August 28, 1969, is a Biology lecturer at the Universitas Sumatera Utara. She completed her doctoral degree in Biology and science at Birkbeck University of London Biological Sciences in 2016.

Publications

2021

Jurnal nasional terakreditasi

Utilization of Oil Palm Empty Bunches Waste as a Growth Media for Straw Mushrooms

ERMAN MUNIR , LIANA DWI SRI HASTUTI

2020

Prosiding seminar internasional

Potential tempe product of Universitas Sumatra Utara in supporting food security in North of Sumatera, Indonesia

LIANA DWI SRI HASTUTI , AMELIA ZULIYANTI SIREGAR , TULUS

2019

Jurnal internasional

Cyathus montagnei of North-Sumatera (Basidiomycota: Nidulariaceae)

LIANA DWI SRI HASTUTI

2023

Jurnal nasional terakreditasi

Effect of Fermented Feed on Cattle Weight at Pondok Rawa Village, Deli Serdang Regency, North Sumatera

HESTI WAHYUNINGSIH , LIANA DWI SRI HASTUTI , HOTNIDA SINAGA

2025

Jurnal nasional terakreditasi

Potential of Nematophagous Fungi from Kutalimbaru, North Sumatra, Indonesia, as Biological Control Agents to Manage Root Knot Nematodes, *Meloidogyne incognita*

LIANA DWI SRI HASTUTI , WIRA RISA LINA SIMANJUNTAK , YURNALIZA

2022

Jurnal internasional bereputasi

Fungal Contamination and Toxigenicity of *Aspergillus flavus* on Postharvest Cacao Beans in Northern Sumatera, Indonesia

KIKI NURTJAHJA , LIANA DWI SRI HASTUTI

2018

Jurnal internasional bereputasi

The effect of wheat bran soil inoculant of *Monacrosporium eudermatum* isolated from North Sumatera in the reduction of gall development by *Meloidogyne incognita* in *Nicotiana x sanderae*

LIANA DWI SRI HASTUTI

2024

Jurnal internasional bereputasi

Efficacy of Fungal Bioconsortia Comprising *Trichoderma yunnanense* and *Arthrobotrys thaumasius* in the Management of *Meloidogyne hapla* Infestations in Tomato Cultivation

LIANA DWI SRI HASTUTI , NUNUK PRIYANI , SINAR INDRA KESUMA

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Potential of Nematophagous Fungi from Kutalimbaru, North Sumatra, Indonesia, as Biological Control Agents to Manage Root Knot Nematodes, *Meloidogyne incognita*

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Fungl contamination and toxigenicity of *Aspergillus flavus* on postharvest cacao beans in Northern Sumatera Indonesia

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Isolation of Nematophagous Fungi from Lau Kawar Lake, North Sumatra, Indonesia

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2019

Prosiding seminar internasional

Promoting Growth of Tomato (*Solanum lycopersicum* L.) by using *Trichoderma*-Compost-Rice Bran based Biofertilizer

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2022

Prosiding seminar internasional

Mini review: Extracellular enzymes and proteins produced by nematophagous fungi

LIANA DWI SRI HASTUTI , KANIWA BERLIANI , MISWAR BUDI MULYA

2021

Prosiding seminar nasional

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

LIANA DWI SRI HASTUTI , ERMAN MUNIR

2015

Prosiding seminar internasional

Inventory of Nematophagous Fungi in Sumatera Utara, Indonesia

LIANA DWI SRI HASTUTI , AMELIA ZULIYANTI SIREGAR

2026

Prosiding seminar nasional

PENGENALAN IPTEK PENGAWETAN MENGATASI KERUSAKAN PANEN PADA KELOMPOK TANI JAMUR TIRAM DI MEDAN

LIANA DWI SRI HASTUTI

2021

Prosiding seminar nasional

STRATEGI PENGEMBANGAN DESA AGRIBISNIS MELALUI PENGOLAHAN BUAH SALAK LANJUTAN DI DESA LIANG PEMATANG KEC. SINEMBAH TANJUNG MUDA HULU KAB. DELI SERDANG

SRI FAJAR AYU, SP, MM, DBA , LIANA DWI SRI HASTUTI , MUHAMMAD KHALIQI , RITHA F DALIMUNTHE

2025

Jurnal nasional terakreditasi

Qualitative Screening and Activity Assay of L-asparaginase-Producing Fungi from Tempeh

YURNALIZA , LIANA DWI SRI HASTUTI , NIVA FEBRIANTI TAHYAT

2021

Prosiding seminar internasional

Isolation of Nematophagous Fungi from Lau Kawar Lake, North Sumatra, Indonesia

LIANA DWI SRI HASTUTI , YURNALIZA

2020

Artikel ilmiah

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

LIANA DWI SRI HASTUTI , ERMAN MUNIR

2019

Jurnal internasional bereputasi

Promoting Growth of Tomato (*Solanum lycopersicum* L.) by using Trichoderma-Compost-Rice Bran based Biofertilizer

LIANA DWI SRI HASTUTI

2020

Jurnal internasional

Coastal waste bank as a waste processing effort towards a clean and productive Bagan Deli

LIANA DWI SRI HASTUTI , ETTI SARTINA SIREGAR

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Prosiding seminar internasional

Arthrobotrys Sinensis (Orbiliaceae Orbiliales), a New Record of Nematode-Trapping Fungal Species for Sumatra, Indonesia Penulis

KANIWA BERLIANI , LIANA DWI SRI HASTUTI , MISWAR BUDI MULYA

2022

Jurnal internasional bereputasi

Isolation and screening of lovastatin-producing endophytic fungi from lemongrass (*Cymbopogon nardus*)

YURNALIZA , LIANA DWI SRI HASTUTI

2016

Jurnal nasional

Two entomophagous isolated from Sumatera Utara: potential as biocontrol agent against nematode

LIANA DWI SRI HASTUTI , AMEILIA ZULIYANTI SIREGAR

2024

Jurnal internasional bereputasi

Molecular Docking Analysis of Potential Fatty Acid Compounds from Tiger Milk Mushroom (*Lignosus rhinocerus*(Cooke) Ryvardeen) Against Thioesterase Domain of Polyketide Synthase Enzyme in *Aspergillus* sp

YURNALIZA , KIKI NURTJAHJA , LIANA DWI SRI HASTUTI , ERMAN MUNIR

2024

Jurnal nasional terakreditasi

Analysis Of Mangrove Land Cover In The Sawo Marine Conservation Area, North Nias District

YUNASFI , BEJO SLAMET , RAHMAWATY , LIANA DWI SRI HASTUTI

2015

Jurnal nasional terakreditasi

PENGENDALIAN Meloidogyne hapla PADA TANAMAN TOMAT (*Solanum lycopersicum*) MENGGUNAKAN AGEN BIOKONTROL JAMUR PEMERANGKAP NEMATODA

LIANA DWI SRI HASTUTI , ELIMASNI

2022

Jurnal internasional bereputasi

Arthrobotrys thaumasia and A. musiformis as biocontrol agents against Meloidogyne hapla on tomato plant

LIANA DWI SRI HASTUTI

2018

Prosiding seminar internasional

An Investigation On Sumatera Arthrobotrys Oligospora And Carbofuran Againts Root-Knot Nematode (Meloidogyne Hapla) On Tomato (Solanum Lycopersicum Mill.)

LIANA DWI SRI HASTUTI

2023

Jurnal internasional bereputasi

ANTIFUNGAL ACTIVITY OF VOLATILE ORGANIC COMPOUNDS (VOC) BY AN ENDOPHYTIC FUNGUS, Lasiodiplodia avicenniae P2P4 FROM Avicennia alba AGAINST Fusarium oxysporum

KIKI NURTJAHJA , MOHAMMAD BASYUNI , ERMAN MUNIR , YURNALIZA , LIANA DWI SRI HASTUTI

2020

Jurnal internasional

Penerapan Program Animasi Pada Mata Pelajaran Biologi Sebagai Metode Mempermudah Pemahaman Siswa SMA

LIANA DWI SRI HASTUTI , T ALIEF ATHTHORICK , AMELIA ZULIYANTI SIREGAR

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The effect of wheat bran soil inoculant of Monacrosporium eudermatum isolated from North Sumatera in the reduction of gall development by Meloidogyne incognita in Nicotiana xÃ,Â ...

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2019

Prosiding seminar nasional

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

LIANA DWI SRI HASTUTI , ERMAN MUNIR , SYAFRUDDIN ILYAS

2019

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Cyathus montagnei of North Sumatera (Basidiomycota: Nidulariaceae)

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Prosiding seminar internasional

Coastal waste bank as a waste processing effort towards a clean and productive Bagan Deli

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Jurnal nasional terakreditasi

Science and Technology in Manufacture of Oyster Mushroom Seedlings

LIANA DWI SRI HASTUTI , YURNALIZA

2018

Prosiding seminar internasional

Wheat bran soil inoculant of sumateran nematode-trapping fungi as biocontrol agents of the root-knot nematode meloidogyne incognita on deli tobacco (nicotiana tabaccum l) cvÃ,Â ...

LIANA DWI SRI HASTUTI

2023

Jurnal internasional

Nematophagous Fungi Isolated from Municipal Waste-contaminated Soil in

Medan City, North Sumatera: Morphological Identification, Phylogeny Analysis and Assessment as Root-knot Nematodes Biocontrol

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STRATEGI PENGEMBANGAN DESA AGRIBISNIS MELALUI PENGOLAHAN BUAH SALAK LANJUTAN DI DESA LIANG PEMATANG KEC. SINEMBAH TANJUNG MUDA HULU KAB. DELI SERDANG

SRI FAJAR AYU, SP, MM, DBA , RITHA F DALIMUNTHE , MUHAMMAD KHALIQI , LIANA DWI SRI HASTUTI

2026

Jurnal internasional bereputasi

Combined Application of *Arthrobotrys thaumasia* and *Pseudomonas fluorescens* Effectively Controls *Meloidogyne incognita* on Tomato

LIANA DWI SRI HASTUTI , YURNALIZA

2019

Jurnal internasional

Potential of *Arthrobotrys oligospora* in reduction of infection root knot Nematode on Tobacco

LIANA DWI SRI HASTUTI

2020

Prosiding seminar nasional

Peningkatan produksi petani Jamur Tiram dengan teknik kultur di Kota Medan

LIANA DWI SRI HASTUTI , YURNALIZA , RIYANTO SINAGA

2022

Jurnal internasional bereputasi

Isolation and antibacterial activity of endophytic fungi from citronella grass (*Cymbopogon nardus*)

LIANA DWI SRI HASTUTI , YURNALIZA

2025

Jurnal nasional terakreditasi

Skринing Actinomycetes Penghasil L-asparaginase dari Pantai Olo, Sumatera Utara dan Uji Aktivitas Enzim

YURNALIZA , LIANA DWI SRI HASTUTI , MARTHA YENI SRY HARTINI

Researches

2020

Penelitian Dana Lokal Perguruan Tinggi

KEKERABATAN JAMUR JAMUR NEMATOPHAGOUS ISOLAT LAU KAWAR BERDASAR BUKTI MOLEKULER DAN UJI EFEKTIFITAS IN VITRO

YURNALIZA , LIANA DWI SRI HASTUTI

2024

Ipteks Bagi Masyarakat

Budi Daya jamur Surai Singa Pada Petani Jamur di Kota Medan

YURNALIZA , LIANA DWI SRI HASTUTI

2021

Penelitian Tim Pasca Sarjana

POTENSI JAMUR ENDOFIT TANAMAN SERAI (*Cymbopogon nardus*) SEBAGAI PENGHASIL SENYAWA ANTIBAKTERI

YURNALIZA , LIANA DWI SRI HASTUTI , MUTHIA MUHARANI FAIS

2019

Penelitian Dana Lokal Perguruan Tinggi

INVENTARISASI JAMUR PEMERANGKAP NEMATODA DI DANAU LAU KAWAR

2022

Modifikasi Faktor Ekstrinsik Terhadap Pertumbuhan Jamur Tiram (Pleurotus ostreatus)

LIANA DWI SRI HASTUTI , SINAR INDRA KESUMA

2021

Penelitian Tim Pasca Sarjana

SKRINING DAN OPTIMASI KEMAMPUAN JAMUR ENDOFIT TANAMAN SERAI (Cymbopogon nardus) MENGHASILKAN SENYAWA ANTIKOLESTROL

YURNALIZA , LIANA DWI SRI HASTUTI , ZIKRINA RAHMI

2025

Ipteks Bagi Masyarakat

Sinergi dan Formulaasi Inokulan Jamur Pemerangkap Nematoda Bakteri Pelarut Pelosfat dan Penghasil IAA Dalam Pembuatan Prototipe A bBofertilizer.IOFERTILIZER

AMEILIA ZULIYANTI SIREGAR , LIANA DWI SRI HASTUTI , SINAR INDRA KESUMA , RISKA ANNISA PUTRI BR SITEPU

Community Services

2023

PELATIHAN BUDI DAYA JAMUR TIRAM DI PESANTREN AL-FITRAH, DESA CINTA RAKYAT, KECAMATAN NAMORAMBE, KABUPATEN DELI SERDANG, SUMATERA UTARA

YURNALIZA , LIANA DWI SRI HASTUTI

2025

Pengurus Organisasi Wanita Pilar Desa

RUGAYA , LIANA DWI SRI HASTUTI , MASFRIA , INDRAYANI

2023

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2022

Ipteks

PENGURUS IKATAN WANITA PENGUSAHA INDONESIA CABANG MEDAN

LIANA DWI SRI HASTUTI

2025

Ipteks Bagi Kewirausahaan

SUMUT FASHION WEEK 2025

LIANA DWI SRI HASTUTI

2022

Analisis Daya Simpan Kaldu Jamur Merang Tankos Desa Tandukan Raga Metode TPC

LIANA DWI SRI HASTUTI , MISWAR BUDI MULYA

2019

Ipteks Bagi Masyarakat

Bank Sampah Pesisir Sebagai Upaya Pengolahan Sampah Menuju Bagan Deli Bersih Dan Produktif

LIANA DWI SRI HASTUTI , ETTI SARTINA SIREGAR

2024

Ipteks Bagi Masyarakat

Budi Daya jamur Surai Singa Pada Petani Jamur di Kota Medan

LIANA DWI SRI HASTUTI , ERMAN MUNIR

2024

Ipteks Bagi Masyarakat

Pembuatan Bibit F-0 jamur Surai Singa (*Hericium erinaceus*) pada Petani Jamur di Kota Medan

LIANA DWI SRI HASTUTI , SINAR INDRA KESUMA , HOTNIDA SINAGA

2022

Ipteks Bagi Masyarakat

ANALISIS DAYA SIMPAN KALDU JAMUR MERANG TANKOS DESA TANDUKAN RAGA METODE TPC

LIANA DWI SRI HASTUTI , MISWAR BUDI MULYA

2020

Ipteks Bagi Masyarakat

Peningkatan Produksi Petani Jamur Tiram dengan Kultur Teknik di Kota Medan

RIYANTO SINAGA , LIANA DWI SRI HASTUTI

2022

Modifikasi Faktor Ekstrinsik Terhadap Pertumbuhan Jamur Tiram (*Pleurotus ostreatus*)

LIANA DWI SRI HASTUTI

2024

Ipteks Bagi Masyarakat

Pembuatan Bibit F-0 jamur Surai Singa (*Hericium erinaceus*) pada Petani Jamur di Kota Medan

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Paten nasional

Biodiversitas Cendawan Taman Hutan Raya, Kabupaten Karo, Sumatera Utara

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