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*Liana Dwi Sri Hastuti S.Si., M.Si.,Ph.D dilahirkan di Medan pada tanggal 28 Agustus 1969 merupakan seorang dosen Biologi di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya yakni S3 Biology and science di Birkbeck University of London Biological Sciences pada tahun 2016.*

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## Publications

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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

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

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

KIKI NURTJAHJA , LIANA DWI SRI HASTUTI

2021

Prosiding seminar internasional

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

YURNALIZA , LIANA DWI SRI HASTUTI

2019

Prosiding seminar internasional

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

LIANA DWI SRI HASTUTI

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

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

LIANA DWI SRI HASTUTI

2020

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## 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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## 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

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## 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 againts nematode

LIANA DWI SRI HASTUTI , AMEILIA ZULIYANTI SIREGAR

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## Molecular Docking Analysis of Potential Fatty Acid Compounds from Tiger Milk Mushroom (*Lignosus rhinocerus*(Cooke) Ryvardeen) Against Thioesterase Domain of Polyketide SynthaseEnzyme 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

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## PENGENDALIAN Meloidogyne haplaPADA 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

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

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## **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 , AMEILIA ZULIYANTI SIREGAR

2018

Prosiding seminar internasional

## **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

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

LIANA DWI SRI HASTUTI , ERMAN MUNIR , SYAFRUDDIN ILYAS

2019

Prosiding seminar internasional

## **Cyathus montagnei of North Sumatera (Basidiomycota: Nidulariaceae)**

LIANA DWI SRI HASTUTI

2020

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

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## **Science and Technology in Manufacture of Oyster Mushroom Seedlings**

LIANA DWI SRI HASTUTI , YURNALIZA

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## **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 ...**

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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

LIANA DWI SRI HASTUTI

2022

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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

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## Skринing Actinomycetes Penghasil L-asparginase 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 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

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### **Pengurus Organisasi Wanita Pilar Desa**

RUGAYA , LIANA DWI SRI HASTUTI , MASFRIA , INDRAYANI

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

YURNALIZA , LIANA DWI SRI HASTUTI

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

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### **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

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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

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2022

Ipteks Bagi Masyarakat

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

LIANA DWI SRI HASTUTI , MISWAR BUDI MULYA

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Ipteks Bagi Masyarakat

### **Peningkatan Produksi Petani Jamur Tiram dengan Kultur Teknik di Kota Medan**

RIYANTO SINAGA , LIANA DWI SRI HASTUTI

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2022

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

LIANA DWI SRI HASTUTI

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2024

Ipteks Bagi Masyarakat

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

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## **Intellectual Property Rights**

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2025

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### **Biodiversitas Cendawan Taman Hutan Raya, Kabupaten Karo, Sumatera Utara**

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