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Prof. Dr.rer.nat. Effendy De Lux Putra, SU, Apt is a Professor at the Faculty of Pharmacy, Universitas Sumatera Utara. He earned his Bachelor's degree in Pharmacy from Universitas Sumatera Utara in 1982, obtaining the title Doktorandes. He continued his Master's studies at Universitas Gadjah Mada and completed the program in 1988.

For his Doctoral degree, Prof. Effendy pursued his studies at Julius Maximilians Universität Würzburg, Germany, where he was awarded the degree Doktorin Der Naturwissenschaften (Dr.rer.nat.) in 1994. His extensive academic experience both domestically and internationally has made him a highly respected figure in the field of pharmacy and higher education in Indonesia.

Publications

2026

Jurnal internasional bereputasi

Biosynthesis of silver nanoparticles using mobe (*Artocarpus lakoocha* Roxb) leaf aqueous extracts and their potential as antioxidant and antibacterial agents

DENNY SATRIA , EFFENDY DELUX PUTRA , TRIANA HERTIANI

2026

Jurnal internasional bereputasi

Eco-friendly one-pot synthesis of silver nanoparticles via microwave irradiation using *Artocarpus camansi* extract: Characterization, antioxidant, and antibacterial applications

TRIANA HERTIANI , SYUKUR BERKAT WARUWU , SITI MORIN SINAGA , RIKA HARTATI , DENNY SATRIA , EFFENDY DELUX PUTRA , Abdi Wira Septama , Nina Ashariani Siregar

2025

Jurnal nasional

Skrining Fitokimia, Profil Kromatografi Lapis Tipis dan Karakterisasi FTIR Ekstrak Etanol Daun Rambutan (*Nephelium lappaceum* L.)

SUPRIANTO , SAMRAN , EFFENDY DELUX PUTRA , SITI NURBAYA , ADINDA SEFTIA

2025

Prosiding seminar internasional

Integrated HPLC Optimization for Six-Additive Quantification in Commercial Syrups

SITI MORIN SINAGA , DARYONO HADI TJ , SUPRIANTO , EFFENDY DELUX PUTRA

2025

Jurnal nasional

Validasi Metode Penetapan Kadar Monosodium Glutamat pada Mie Ayam dengan Spektrofotometri UV-Vis Setelah Derivatisasi Ninhidrin

EFFENDY DELUX PUTRA , SUPRIANTO , SAMRAN , SITI NURBAYA , SUMARDI , DEBI MEILANI

2025

Jurnal internasional bereputasi

Development of Fourier Transform Infrared Spectrophotometric Method for Quantification of Simvastatin, Atorvastatin, and Rosuvastatin in Marketed

Tablet Preparations

NILSYA FEBRIKA ZEBUA , NERDY , SYARIFAH NADIA , EFFENDY DELUX PUTRA , TEDY KURNIAWAN BAKRI

2025

Jurnal internasional bereputasi

Utilization of Artocarpus altilis leaf extract for silver nanoparticle synthesis: Comparative antioxidant and antibacterial evaluation with water extract

EFFENDY DELUX PUTRA , POPPY ANJELISA ZAITUN HASIBUAN , DENNY SATRIA

2025

Jurnal nasional terakreditasi

Simultaneous quantification of B-complex vitamins in tablet dosage form by ultraviolet spectrophotometry using the absorption factor method

M. DEDDY HARFIANSYAH , EFFENDY DELUX PUTRA , SITI MORIN SINAGA

2025

Jurnal nasional terakreditasi

Penerapan Sanitasi dan Higienis dalam Pembuatan Jamu Gendong di Kota Tebing Tinggi

SUPRIANTO , EFFENDY DELUX PUTRA , SUMARDI , SITI NURBAYA , SAMRAN

2024

Jurnal internasional

Simultaneous determination of vitamins B1, B2, B3, B6, and B12 in tablet forms using the area under the curve ultraviolet spectrophotometry method

M. DEDDY HARFIANSYAH , EFFENDY DELUX PUTRA , SITI MORIN SINAGA

2023

Jurnal internasional bereputasi

Effect of various cencentrations of Barringtonia racemosa (L) Spreng extract on physical stability of topical gel

EFFENDY DELUX PUTRA , NUR ASNAH SITOANG

2023

Prosiding seminar internasional

Adsorbent Activity of Pectin and Activated Charcoal from Pineapple Peel Waste as Biosorbent against Heavy Metals and Dyes

NERDY , EFFENDY DELUX PUTRA

2022

Jurnal internasional

Determination of Vitamin C and Antioxidant Activity in Fresh Red Guava (Psidium guajava) and Red Guajava Commercial Fruit Juices

EFFENDY DELUX PUTRA , SITI MORIN SINAGA

2022

Jurnal nasional terakreditasi

Efektivitas gel ekstrak biji putat air [Barringtonia racemosa (L). Spreng] terhadap penyembuhan luka diabetik di Klinik Perawatan luka Asri

NUR ASNAH SITOANG , EFFENDY DELUX PUTRA

2022

Jurnal internasional bereputasi

In Silico Studies of Sesquiterpene Lactones from Vernonia amygdalina Delile on the Expression of EGFR and VEGFR as a New Anticancer Potential

NERDY , FIRDAUS FAHDI , EFFENDY DELUX PUTRA , TEDY KURNIAWAN BAKRI , PUJI LESTARI

2021

Jurnal nasional terakreditasi

Development of Fourier transform infrared spectrophotometric method for identification and determination of marketed metamizole tablet preparation

NILSYA FEBRIKA ZEBUA , NERDY , EFFENDY DELUX PUTRA

2020

Koran/majalah populer/majalah umum

Aplikasi Pengembangan Metode Spektrofotometri UV-Vis pada Analisis

Simultan Isoniazid (INH) dan Vitamin B6 di dalam Sediaan Tablet

MUCHLISYAM , EFFENDY DELUX PUTRA , LISDA RIMAYANI NASUTION

2020

Jurnal internasional

Development and Validation High Performance Liquid Chromatography Metyods (HPLC) Analysis For Simultaneous Determination of Acetaminophenen, Prophyphenazone and Caffein.

SITI MORIN SINAGA , EFFENDY DELUX PUTRA

2020

Jurnal internasional bereputasi

QUANTIFICATION OF ISOORIENTIN IN THREE VARIETIES OF PASSION FRUIT PEEL ETHANOLIC EXTRACT BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY MASS SPECTROMETRY

NERDY , EFFENDY DELUX PUTRA

2018

Jurnal internasional

Simultaneous Spectrophotometric Determination of Paracetamol, Propyphenazone and Caffeine by Using Absorption Ratio Method

SITI MORIN SINAGA , EFFENDY DELUX PUTRA

2018

Jurnal internasional

Analysis of Arsenic in Infant Rice Cereals by Inductively Coupled Plasma Mass Spectrometry

EFFENDY DELUX PUTRA , SITI MORIN SINAGA

2018

Jurnal internasional

Simultaneous estimation of isoniazid and pyridoxine hydrochloride in tablet dosage form by spectrophotometry ultraviolet with area under curve method

EFFENDY DELUX PUTRA , MUCHLISYAM , LISDA RIMAYANI NASUTION

2017

Jurnal internasional

Optimization of Volume Void and Wavelenghts at Simultaneous Determination Method Development of Sweeteners, Preservatives and Dyes by UFLC

SITI MORIN SINAGA , EFFENDY DELUX PUTRA

2014

Jurnal internasional

Effect of Taking Virgin Coconut Oil to the Breast Milk Secretion and Inspection of Medium Chain Fatty Acids Contain

EFFENDY DELUX PUTRA , SITI MORIN SINAGA

2014

Jurnal internasional bereputasi

Antibacterial activity of hydrolyzed virgin coconut oil

YADE METRI PERMATA , EFFENDY DELUX PUTRA , JANSEN SILALAH

Researches

2021

Penelitian Unggulan Perguruan Tinggi

Efektivitas gel ekastrak biji putat air [Barringtonia racemosa (L).Spreng] terhadap penyembuhan luka diabetes di perawatan luka asri Medan

EFFENDY DELUX PUTRA , NUR ASNAH SITOANG

2019

PEMERIKSAAN KANDUNGAN ISOORIENTIN KULT BUAH MARKISA SECARA KROMATOGRAFI CAIR KINERJA TINGGI SPEKTROMETRI MASSA DAN

PENGUJIAN AKTIVITAS ANTIBAKTERI TERHADAP BAKTERI MENINGITI

NAZLINIWATY , EFFENDY DELUX PUTRA

2019

Penelitian Unggulan Perguruan Tinggi

Efektivitas gel ekastrak biji putat air [Barringtonia racemosa (L).Spreng] sebagai alternatif penyembuhan luka kulit tikus di laboratorium farmasi Fakultas Farmasi USU

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Intellectual Property Rights

2022

Paten nasional

Proses pembuatan gel dari ekstrak biji putat air [barringtonia racemosa (L).Spreng] sebagai obat luka

NUR ASNAH SITOANG , EFFENDY DELUX PUTRA

2022

Hak cipta nasional

Efektivitas gel B.racemosa (L). Spreng sebagai obat luka diabetik di Klinik perawatan luka Asri

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