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*Dr. apt. Marianne S.Si., M.Si. born in Banda Aceh on May 20, 1980, is a Pharmacology lecturer at the Universitas Sumatera Utara. She completed her master's degree in Pharmacy at Bandung Institute of Technology in 2010.*

*Education:*

*Bachelor's Degree: Pharmacy Study Program, Faculty of Mathematics and Natural Sciences, USU*

*Pharmacist Professional: Pharmacist Education Program, Faculty of Mathematics and Natural Sciences, USU  
Pharmacist Education Study Program, Faculty of Mathematics and Natural Sciences, USU*

*Master's Degree: Master of Pharmacy Program, School of Pharmacy, Bandung Institute of Technology*

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## Publications

2019

Jurnal internasional bereputasi

### **Phytochemical constituent of picria fel-terrae lour. Ethanol extract and its teratogenic effect**

MARIANNE

2024

Jurnal internasional bereputasi

### **Sunscreen activities from ethanol extract of Wodyetia Bifurcata L (family Arecaceae) fruit**

MUHAMMAD BAHU, ROSNANI NASUTION, MARIANNE, Yoon Jeon

2022

Jurnal internasional

### **Antidepressant Activity of Curcuma heyneana**

MARIANNE

2021

Jurnal internasional bereputasi

### **Crude extracts of Magnolia alba flowers using n-hexane and methanol solvents and their anti-acne potential**

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2021

Jurnal internasional bereputasi

### **Isolation of Ethyl p-Methoxycinnamate from Azadirachta indica Root Bark as Hong Kong Caterpillar (Tenebrio molitor) Antifeedant**

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2018

Jurnal internasional bereputasi

### **Effect of ethanol extract of Picria fel-terrae Lour. leaves on triglyceride and cholesterol levels of white rats**

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2014  
Jurnal internasional bereputasi

### **Vitex trifolia plant control of mice environmentally friendly**

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2022  
Jurnal internasional bereputasi

### **Ventriculoperitoneal Shunt Infection: A Study about Age as a Risk Factor in Hydrocephalus Pediatrics**

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2019  
Jurnal internasional bereputasi

### **Preformulation study of Pugun Tano (*Curanga fel-terrae* [lour.] merr) ethanolic extract granule mass in capsule as hepatoprotective drug**

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2026  
Jurnal internasional bereputasi

### **Signaling Pathways as Drivers of Immunotherapy Resistance to Checkpoint Inhibitors (A Review)**

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2025  
Jurnal internasional

### **Antibacterial Activity Of Neem (*Azadirachta indica* A. Juss) Essential Oil Obtained By The Enfleuration Method Against *Propionibacterium acnes* Bacteria In Liquid Soap Formula**

MARIANNE

2025  
Jurnal nasional

### **Antibacterial Activity Of Neem (*Azadirachta indica* A. Juss) Essential Oil Obtained By The Enfleuration Method Against *Propionibacterium acnes* Bacteria In Liquid Soap Formula**

MUHAMMAD BAHI , ROSNANI NASUTION , MARIANNE

2016  
Jurnal internasional bereputasi

### **Isolation compound anti-obesity from the Bark Ara (*Ficus racemosa*) of Aceh**

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2015  
Jurnal internasional bereputasi

### **?-Amyrin acetate of ethyl acetate extract of the bark plant *artocarpus camansi* and its antidiabetic activity**

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2018  
Jurnal internasional bereputasi

### **Nephroprotective activity of ethanol extract of *Curcuma Mangga* val. In paracetamol-induced male mice**

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2024  
Jurnal internasional bereputasi

### **Phytochemistry and Antidiabetic Activity from the Leaf Midrib of *Nypa fruticans* Wurm.**

ROSNANI NASUTION , MUHAMMAD BAHI , MARIANNE , Yoon Jeon

2022  
Jurnal internasional bereputasi

### **ISOLATION OF THE ACTIVE COMPOUND FROM THE BARK OF *Cinnamomum burmannii* AS A SUNSCREEN**

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2025  
Jurnal internasional

**In Silico Investigation of  $\gamma$ -Sitosterol Isolated from the Ethanol Extract of Artocarpus camansi Leaves as a Sunscreen Agent**

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2018  
Jurnal internasional bereputasi

**Antidiabetes activities extract hexane from the peels of artocarpus camansi blanco fruit**

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2020  
Jurnal internasional bereputasi

**Sunscreen activities of bark artocarpus heterophyllus against ultraviolet ray (Sun protection factor) in lotion formula**

MARIANNE

2020  
Jurnal internasional bereputasi

**Effectiveness of pugun tanoh leaves ethanol extract (Curanga fel-terrae (lour.) merr) as an anti-inflammation in patients after tooth extraction at dental and mouth hospital of dentistry faculty, universitas sumatera utara**

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2021  
Jurnal internasional bereputasi

**Phytochemical properties of methanol and ethyl acetate extracts of cananga odorata flowers and their pharmacological activities**

MARIANNE

2020  
Jurnal internasional bereputasi

**Hepatoprotective activity of the ethanol extract of Curcuma heyneana rhizome on isoniazid and rifampin-induced liver injury rats**

MARIANNE

2024  
Jurnal internasional

**Sunscreen activities from ethanol extract of Wodyetia Bifurcata L (family Arecaceae) fruit**

ROSNANI NASUTION , MARIANNE , MUHAMMAD BAHU , Yoon Jeon

2019  
Jurnal internasional bereputasi

**Antimicrobial activity of hand lotion of flower Mimusops elengi**

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2019  
Jurnal internasional bereputasi

**The relaxation effect of ethanolic extract of Biwa leaves (Eriobotrya japonica) on the histamine-1 receptor in isolated guinea pigs tracheal**

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2025  
Jurnal internasional bereputasi

**In Silico Investigation of  $\gamma$ -Sitosterol Isolated from the Ethanol Extract of Artocarpus camansi Leaves as a Sunscreen Agent**

ROSNANI NASUTION , MARIANNE , MUHAMMAD BAHU

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## Researches

2019  
Penelitian Fundamental

**EFEK GASTROPROTEKTIF EKSTRAK ETANOL BUAH MAHKOTA DEWA  
(*Phaleria macrocarpa* (Scheff.) Boerl.) TERHADAP ULKUS LAMBUNG TIKUS  
YANG DIINDUKSI ASETOSAL DAN ETANOL**

MARIANNE

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2018

Penelitian Fundamental

**AKTIVITAS ANTAGONIS RESEPTOR HISTAMIN-1 DARI EKSTRAK ETANOL  
DAUN BIWA (*Eriobotrya japonica* (Thunb.) Lindl.) PADA TRAKEA TERISOLASI**

MARIANNE

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## Community Services

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2024

**BAKTI SOSIAL DAN PEMERIKSAAN KESEHATAN BERSAMA PT. ANUGRAH  
ARGON MEDIKA DALAM RANGKA DIES NATALIS FAKULTAS FARMASI USU  
KE 18 TAHUN DI KELURAHAN AUR KECAMATAN MEDAN MAIMUN**

MARIANNE , ABDI SANTOSO

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2013

Penelitian Kerjasama Antar Perguruan Tinggi

**Pemanfaatan Gulma Tekelan (*Chromolaena odorata*) Sebagai Antidiabetes dan  
Antigan**

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2024

**BAKTI SOSIAL DAN PEMERIKSAAN KESEHATAN BERSAMA PT. ANUGRAH  
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