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## Publications

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2024

Jurnal internasional bereputasi

### **The expression of intestinal Cyp2c55 is regulated by the microbiota and inflammation**

Tetsuo Sato , So Fujimura , Katsushi Nakamura , Hiroto Miura , Ken Iwatsuki , Ryo Inoue , Takuya Suzuki , BAMBANG DWI WIJATNIKO , ADRIAN HILMAN

2026

Jurnal internasional bereputasi

### **ALOX15- Derived Oxylipins Attenuate Macrophage Inflammatory Signaling Via a Gαq-PLC-PKC Pathway**

ADRIAN HILMAN , BAMBANG DWI WIJATNIKO , Yoshiki Ishii , Dina Mustika Rini , Takuya Suzuki

2021

Jurnal internasional bereputasi

### **Inulin Extraction and Characterisation of Fresh and Chip Gembili (*Dioscorea esculenta*) Extract by Ultrasound-assisted Extraction**

ADRIAN HILMAN

2021

Jurnal internasional bereputasi

### **The potential of Gembili (*Dioscorea esculenta* L.) and Dahlia (*Dahlia* spp L.) from Indonesia as prebiotic compound**

ADRIAN HILMAN

2024

Artikel ilmiah

### **Optimization of The Enzymatic Hydrolysis Process To Produce Functional Maltooligosaccharides From Purple Sweet Potato Paste Var.Ayamurasaki**

ELISA JULIANTI , ZULKIFLI LUBIS , TITI CANDRA SUNARTI , MHD SIDDIQ IRAWAN , MIMI NURMINAH , ADRIAN HILMAN

2019

Jurnal internasional bereputasi

### **Physicochemical characterization of water-soluble polysaccharide of *Pachyrhizus erosus* L. with fermentation assisted extraction method**

ADRIAN HILMAN , HERLA RUSMARILIN

2024

Jurnal nasional terakreditasi

### **Improvement and Roles of the USU Community Service Team in Educating Halal Certification to the Giat Maju Farmer Group in Parbuluan Village VI Dairi**

## Researches

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2021

Penelitian Kerjasama Antar Perguruan Tinggi

### **Optimalisasi Proses Hidrolisis Enzimatis Ubi Jalar Ungu Untuk Memproduksi Oligosakarida Fungsional**

ADRIAN HILMAN , ZULKIFLI LUBIS , ELISA JULIANTI , SAFRIDA CRISTANTI S , OVELIA AURORA BR GINTING , MHD SIDDIQ IRAWAN

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2021

### **OPTIMALISASI PROSES HIDROLISIS ENZIMATIS UBI JALAR UNGU UNTUK MEMPRODUKSI OLIGOSAKARIDA FUNGSIONAL**

ADRIAN HILMAN , ZULKIFLI LUBIS , ELISA JULIANTI

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2021

Penelitian Unggulan Perguruan Tinggi

### **Proses Pembuatan Pati Nanokristalin dari Ubi Jalar Ungu dan Aplikasinya sebagai Nanoenkapsulan pada Ekstrak Buah Andaliman**

ADRIAN HILMAN , ZULKIFLI LUBIS , ELISA JULIANTI , AMALIA ELFARHAN WAJHANI , SITI KAROMAH , ABDULLAH RAHMAN NASUTION , ROSELLA MARPAUNG

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