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## Publications

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2024

Jurnal internasional bereputasi

### **Role of SEL1L in the progression of solid tumors, with a special focus on its recent therapeutic potential**

Raed Obaid Saleh , Enwa Felix Oghenemaro , Maha Noori Shakir , Ahmed HJazi , Zahraa F. Hassan , Ahmed Hussein Zwamel , Sanoeva Matlyuba , Mahamedha Deorari , Shamam Kareem Oudah , DARMADI

2021

Jurnal internasional bereputasi

### **The role of ethnicity in inflammatory bowel disease**

DARMADI

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### **Comparative Efficacy of Microwave versus Radiofrequency Ablation in Hepatocellular Carcinoma: Systematic Review and Meta-Analysis of Randomized-Controlled Trials**

DARMADI , IMELDA REY

2022

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### **Framing and understanding the whole aspect of oral sex from social and health perspective: a narrative review**

DARMADI

2020

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### **Susceptibility of Coronavirus Disease-19 in Pediatric Population**

DARMADI

2020

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### **Gallstone ileus : A case report.**

DARMADI

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### **Association between CTLA4-658C>T polymorphism and colorectal cancer in Medan, Indonesia**

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2021

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### **Immunological Aspect in Inflammatory Bowel Disease**

DARMADI

2023

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# **Covid-19 and fungal infection: a literature review**

CENNIKON PAKPAHAN , SEM SAMUEL SURJA , DARMADI

2023

Jurnal internasional bereputasi

## **Role of probiotics in inflammatory bowel disease**

DINA APRILLIA ARIESTINE , Sem Samuel Surja , DARMADI

2025

Jurnal internasional bereputasi

## **Cardiometabolic Risk Among Internal Medicine Specialists in Indonesia (CARMEINA): A Nationwide Study**

DARMADI , EKA GINANJAR , SIMON SALIM , SALLY AMAN NASUTION , LUGYANTI SUKRISMAN , EVY YUNIHASTUTI , ANDHIKA RACHMAN , Ceva Wijaksono , HAYATUN NUFUS , MUHADI , HERMAWAN SUSANTO , SIPRIANUS UGROSENO YUDHO BINTORO

2026

Jurnal internasional bereputasi

## **Microbiota metabolite lithocholic acid in cancer: Mechanisms and therapeutic potential**

DARMADI , Ali Jasim Muhamed , Sergey G Gerasimov , Rasoul Mirzaei , Sajad Karampoor

2020

Jurnal internasional bereputasi

## **Coronavirus Disease-19 and Liver Injury**

DARMADI

2023

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## **Serum homocysteine level and severity of coronavirus disease-2019 (COVID-19)**

JELITA SIREGAR , DARMADI

2025

Jurnal internasional bereputasi

## **Potential relationship of the gut microbiome with testosterone level in men: a systematic review**

DARMADI

2025

Jurnal internasional bereputasi

## **Biomarkers for colorectal cancer detection: An insight into colorectal cancer and FDA-approved biomarkers**

Mohammad Yasin Zamanian , Razieh Darabi , Raed Fanoukh Aboqader Al-Aouadi , Mehraveh Sadeghi Ivraghi , Esra Küpeli Akkol , DARMADI

2023

Jurnal internasional bereputasi

## **Inflammatory bowel disease in pediatrics**

DARMADI , Riska Habriel Ruslie

2022

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## **Framing and understanding the whole aspect of oral sex from social and health perspective: a narrative review**

CENNIKON PAKPAHAN , DARMADI , ANDRI REZANO

2024

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## **Investigation of the regulation of EGF signaling by miRNAs, delving into the underlying mechanism and signaling pathways in cancer**

Zafar Aminov , Ahmed Hjazi , Roopashree R , Syeda Wajida Kazmi , Yasser Fakri Mustafa , Beneen Hosseen , Abhishek Sharma , Mahmood Hasen Shuhata Alubiady , Salah Hassan Zain Al-Abdeen , DARMADI

2020

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## **Gastrointestinal aspects of COVID-19: a review**

2021

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**Inflammatory laboratory findings associated with severe illness among hospitalized individuals with COVID-19 in Medan, Indonesia: a cross-sectional study**

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**Vascular endothelial growth factor (vegf) and neopterin levels in children with steroid-sensitive and steroid-resistant nephrotic syndrome**

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**Serum homocysteine level and severity of coronavirus disease-2019 (COVID-19)**

JELITA SIREGAR , DARMADI

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**Unilateral Renal Cystic Disease: A Case Report and Literature Review**

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**Efficacy and safety of colchicine in reducing cardiovascular mortality and cardiac injury among adult patients with coronary artery disease: A systematic review and meta-analysis**

SEM SAMUEL SURJA , HERWINDO AHMAD , DARMADI , CENNIKON PAKPAHAN

2020

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**The Effect of Neem (*Azadirachta indica*) Leaf Extracts on Interleukin-10 Expression and Histological Score in Dextran Sodium Sulfate-induced Colitis Mice**

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**Do Vitamin D receptor gene polymorphisms affect bone mass density in men?: A meta-analysis of observational studies**

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**Endothelin-1 level as a predictor of hepatopulmonary syndrome in liver cirrhosis**

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**The interplay between neutrophil-lymphocyte ratio, platelet-lymphocyte ratio, erectile dysfunction, and Peyronie's disease: A meta-analysis of observational studies**

DARMADI , Pety Narulita , Agustinus Agustinus , Cennikon Pakpahan , Ilhamsyah Ilhamsyah , Supardi Supardi

2021

Jurnal internasional bereputasi

**Health-related quality of life difference between early diagnose and finished therapy of nephrotic syndrome in children**

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2020

## **Pediatric Immunization Practice During Coronavirus Disease-2019 Pandemic**

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## **Diagnostic value of Midkine and AFP in the detection of hepatocellular carcinoma: A systematic review and meta-analysis**

MASRUL LUBIS , DARMADI , SEM SAMUEL SURJA , CENNIKON PAKPAHAN

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## **Efficacy of Vericiguat in patients with heart failure: A systematic review and meta-analysis of randomized controlled trials**

SEM SAMUEL SURJA , HERWINDO AHMAD , DARMADI , CENNIKON PAKPAHAN

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## **Enhancing Global Health System Resilience and Sustainability Post-COVID-19: A Grounded Theory Approach**

DARMADI , Zahraa H. Al-Qaim , Mikhail E. Kosov , Evgeniy V. Kostyrin , Marina V. Vasiljeva , Zhanna R. Gardanova , Maria V. Mikhailova

2025

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## **Peptide drugs for obesity and type 2 diabetes mellitus: an overview of clinical trials**

DARMADI , Haniyeh Barzgar , Jabbarova Nafisa , Suxrob Narkulov , Maria B. Sviridova

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## **The Role of Folic Acid in Gastric Precancerous Lesion: A Literature Review**

MASRUL LUBIS , DARMADI , TAUFIK SUNGKAR , IMELDA REY

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## **Non-coding RNAs-mediated regulation of the MAPK pathway in gastric cancer: translational perspectives**

DARMADI , Komeil Aghazadeh-Habashi , Sona Ayvazyan , Arshia Bozorgnia , Elnaz Khodabandehloo

2020

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## **Efficacy of 24-week Administration of Tenofovir Disoproxil Fumarate in the Management of Na<sup>+</sup>-ve Chronic Hepatitis B**

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## **Inflammatory bowel disease (ulcerative colitis type) severity shows inverse correlation with semen parameters and testosterone levels**

ANDRI REZANO , CENNIKON PAKPAHAN , DARMADI

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## **Misdiagnosis and Coinfection of Localized Pulmonary Histoplasmosis with Pulmonary Tuberculosis: A Systematic Review of Published Cases**

DARMADI , SEM SAMUEL SURJA , EDHO YUWONO , NISA FAUZIAH , ROBIATUL ADAWIYAH , RETNO WAHYUNINGSIH , Donnatella Valentina , Anita Devi Krishnan Thanry , Jonathan Christianto Subagya

2020

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## **Administration of neem (Azadiracta indica A. Juss) leaf extract decreases TNF- $\alpha$ and IL-6 expressions in dextran sodium sulfate-induced colitis in rats**

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# The Association Between Lipid Serum and Semen Parameters: a Systematic Review

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## Unlocking the Potential of Radiofrequency Ablation in Treating Hepatocellular Carcinoma Among Elderly Patients: A Literature Review

DARMADI , DINA APRILLIA ARIESTINE

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## The sex life of male patients with cirrhosis and its organic factors: What we have got so far?

DARMADI , Riska Habriel Ruslie , Raditya Ibrahim , Bella Amanda , Cennikon Pakpahan

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## Study of the Molecular Dynamics Stability in the Inhibitory Interaction of Tenofovir Disoproxil Fumarate against CTLA-4 in Chronic Hepatitis B Patients

DARMADI , MUHAMMAD RUSDA

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## An Efficacy and Safety Comparison of Regorafenib and Nivolumab in Unresectable Hepatocellular Cancer Patients: A Systematic Review

SEM SAMUEL SURJA , DARMADI , TAUFIK SUNGKAR , CENNIKON PAKPAHAN

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## Comprehensive intersystemic assessment approach to relieve psychogenic erectile dysfunction: a review

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## Vascular Endothelial Growth Factor Levels Difference among Hepatocellular Cancer Patients Based on Barcelona Clinic Liver Cancer Staging

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## PAL-Jigsaw: a hybrid cooperative learning model in medical education

SEM SAMUEL SURJA , V DWI JANI JULIAWATI , DARMADI , AMANDA TIFANNY NUR FAUZIYAH , Christopher David Kurniawan , BAYU PERKASA ROSARI

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## Bempedoic acid and ezetimibe combination therapy in patients with high cardiovascular disease risk: A narrative review of current research

DARMADI , HERWINDO AHMAD

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## Global Disparities in Colorectal Cancer: Unveiling the Present Landscape of Incidence and Mortality Rates, Analyzing Geographical Variances, and Assessing the Human Development Index

DARMADI , Abdollah Mohammadain-Hafshejani , Soleiman Kheiri

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## The Role of Epigenetic Mechanism in the Pathogenesis of Inflammatory Bowel Disease

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## **Pneumococcal vaccination coverage in at-risk internists and factors influencing pneumococcal vaccination**

DARMADI , Ceva Wijaksono , EKA GINANJAR , SALLY AMAN NASUTION , LUGYANTI SUKRISMAN

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## **Critical roles of long noncoding RNA H19 in cancer**

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## **Gastrointestinal Endoscopy and Coronavirus Disease-2019 Pandemic**

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## **Association between serum interleukin (IL)-12 level and severity of non-alcoholic fatty liver disease (NAFLD)**

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## **Impact of Digital Transformation on Mental Healthcare: Opportunities, Challenges, and Role of AI Chat-bots in Symptom Management**

Mikhail Kosov , Andrey Pozdnyaev , Bo-Woo Lee , Zhanna Gardanova , Nataliya Gilmanova , Evgeniy Kostyrin , DARMADI

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## **Pancreatic injury and coronavirus disease-2019**

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## **IMPROVEMENT OF ENZYME IMMUNODETECTION IN THE LABORATORY DIAGNOSIS OF HEPATITIS E VIRUS**

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## **Coronavirus Disease-2019 and Mental Health**

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## **Role of baricitinib and sotrovimab in the management of COVID-19**

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## **Factors affecting HBV DNA suppression in chronic hepatitis B patients treated with tenofovir disoproxil fumarate**

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## **Oxidative stress markers in initial therapy and remission of nephrotic syndrome and serum malondialdehyde level predictor from routine laboratory test**

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## **Association between serum midkine levels and tumor size in Indonesian hepatocellular carcinoma patients: a cross-sectional study**

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## **Association between Prothrombin Induced by Vitamin K Absence-II (PIVKA-II) and Barcelona Clinic Liver Cancer (BCLC) Stage, Tumor Size, Portal Venous Thrombosis in Hepatocellular Carcinoma Patients**

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## **An Efficacy and Safety Comparison of Regorafenib and Nivolumab in Unresectable Hepatocellular Cancer Patients: A Systematic Review**

CENNIKON PAKPAHAN , DARMADI , TAUFIK SUNGKAR , SEM SAMUEL SURJA

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## **Association between pesticide exposure and colorectal cancer risk: a systematic review and meta-analysis**

DARMADI , Seyedhamid Moosavy , Yadolah Fakhri , Sayed Masoud Hosseini , Alexey Yumashev

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## **"Am I Masculine?" A metasyntesis of qualitative studies on traditional masculinity on infertility**

DARMADI , A St Aldilah Khaerana , Supardi Supardi , Cennikon Pakpahan , Raditya Ibrahim , William William , Patricia S Kandar

## **Researches**

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2022

Penelitian Dana Lokal Perguruan Tinggi

## **Penelitian Talenta USU Hubungan antara derajat keparahan COVID-19 dan kadar homosistein serum**

DARMADI , JELITA SIREGAR

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## **An Efficacy and Safety Comparison of Regorafenib and Nivolumab in Unresectable Hepatocellular Cancer Patients: A Systematic Review**

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## **The Role of Folic Acid in Gastric Precancerous Lesion: A Literature Review**

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Penelitian Dana Lokal Perguruan Tinggi

## **Analisa genomik virus dengue di kota Medan, tahun 2023- 2024**

RANTI PERMATASARI , INKE NADIA DINIYANTI LUBIS , DARMADI , AYODHIA PITALOKA , HENDRI WIJAYA , FRANCISCUS GINTING , JELITA SIREGAR , R Tedjo Sasmono

2023

## **Comparative Efficacy of Microwave versus Radiofrequency Ablation in Hepatocellular Carcinoma: Systematic Review and Meta-Analysis of Randomized-Controlled Trials**

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## **Community Services**

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2023

## **Pengabdian Masyarakat PAPDI Cabang Sumatera Utara ke Tanah Karo, Sumatera Utara**

2023

### **Bakti Sosial Pengobatan Gratis Klinik Visakha**

DINA APRILLIA ARIESTINE , DARMADI , IMELDA REY

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### **Pengabdian Masyarakat Edukasi Pengenalan dan Pencegahan Kanker Kolorektal**

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2023

### **Pengabdian Masyarakat SCORA PEMA FK USU 2023 "Rajut Kebersamaan dengan Tali Kesehatan"**

MASRUL LUBIS , DARMADI , IMELDA REY

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2024

### **Pengabdian Masyarakat Dewan Dakwah Islamiyah Indonesia Sumatera Utara**

DARMADI , IMELDA REY , Purnama Sari Dalimunthe

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2022

Ipteks Bagi Masyarakat

### **Deteksi dini kanker hati pada penduduk di Desa Boho, Pulau Samosir pada tahun 2022**

DARMADI , TAUFIK SUNGKAR

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2022

Ipteks Bagi Masyarakat

### **Penyuluhan dan Skrining Helicobacter pylori pada Penduduk di Desa Boho, Pulau Samosir**

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2025

### **Jalan Sehat dan Bakti Sosial dalam Rangka Milad HMI ke 78**

DARMADI , IMELDA REY , Taty Sulystiani

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