

Dr. dr. Bastian Lubis, M.Ked (An), SpAn-TI, Subsp.TI (K)

Lecturer of Program Studi Sp-1 Anestesiologi dan Terapi Intensif Study Program
Faculty of Medicine
Universitas Sumatera Utara

✉ bastian.lubis@usu.ac.id

🌐 fk.usu.ac.id/en/lecturer/bastian-lubis

Publications

2024

Jurnal nasional terakreditasi

Perbandingan Prediktor Sulit Intubasi Indeks Risiko El-Ganzouri dengan Indeks Cormack Lehane Pada Pasien Operasi Elektif

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

Relationship between Adjuvant Thiamine, Ascorbic Acid, and Combinations of These Drugs with Reducing the Incidence, Increasing MMP-9/TIMP-1 Ratio, and Decreasing Score Sofa inÂ ...

RR. SINTA IRINA , BASTIAN LUBIS

2022

Jurnal internasional bereputasi

High Central Venous Pressure Associated with Mortality in Intensive Care Unit

PUTRI AMELIA , BASTIAN LUBIS

2026

Jurnal internasional bereputasi

EARLY CONTINUOUS RENAL REPLACEMENT THERAPY IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION AND COVID-19 AFTER PERCUTANEOUS CORONARY INTERVENTION: A CASE REPORT

BASTIAN LUBIS

2023

Jurnal internasional

The Effect of Giving Low Dosage Furosemide in Sepsis Patients with Acute Kidney Injury in Intensive Care Unit of H. Adam Malik General Hospital Medan

BASTIAN LUBIS , TOMMY ARISANDY

2024

Jurnal nasional terakreditasi

Hubungan Nilai Platelet Lymphocyte Ratio, D-dimer, dan Fibrinogen Terhadap Tingkat Keparahan Pasien Sepsis

BASTIAN LUBIS , Eka Setia Miharja , YUTU SOLOHAT

2018

Jurnal nasional terakreditasi

Emboli Paru

BASTIAN LUBIS

2026

Jurnal internasional bereputasi

The Association between Mean Arterial Pressure, Central Venous Pressure,

Cerebral Perfusion Pressure, Lung Oxygenation, and Glasgow Coma Scale in Sepsis Patients in the Intensive Care Unit

BASTIAN LUBIS

2025

Jurnal nasional terakreditasi

Hubungan Intra-abdominal Pressure Terhadap Gastric Residual Volume pada Pasien Sepsis

MIFTAH FURQON AULIA , ANDRIAMURI PRIMAPUTRA LUBIS , BASTIAN LUBIS

2023

Jurnal internasional bereputasi

Correlation between Glasgow Coma Scale with central venous pressure and near-infrared spectroscopy in patients with acquired brain injury in the intensive care unit of Adam Malik Hospital Medan

DR. GALDY WAFIE , BASTIAN LUBIS

2023

Jurnal nasional

A Case Series of Bleeding Complication Post Percutaneous Dilatational Tracheostomy and Management

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

The Association between Mean Arterial Pressure, Central Venous Pressure, Cerebral Perfusion Pressure, Lung Oxygenation, and Glasgow Coma Scale in Sepsis Patients in the Intensive Care Unit

BASTIAN LUBIS , PUTRI AMELIA

2021

Jurnal internasional bereputasi

The association between daily fluid balance and mean perfusion pressure as a critical sign in the intensive care unit of adam malik central hospital, medan

PUTRI AMELIA , BASTIAN LUBIS

2021

Jurnal nasional

Hubungan Neutrophil:Lymphocyte Ratio (NLR) Terhadap Mortalitas Pasien Sepsis di Unit Perawatan Intensif RSUP Haji Adam Malik Pada Tahun 2018

BASTIAN LUBIS

2024

Jurnal internasional bereputasi

The Correlation between Mean Perfusion Pressure (MPP) and Renal Resistive Index (RRI) in Sepsis Patients in the Intensive Care Unit (ICU)

PUTRI AMELIA , BASTIAN LUBIS , RIZKY ADRIANSYAH

2023

Jurnal internasional bereputasi

Mortality Rate of COVID-19 Patients in Intensive Care Unit: A Multicentre Retrospective Observational Study

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

Mortality Rate of COVID-19 Patients in Intensive Care Unit: A Multicentre Retrospective Observational Study

BASTIAN LUBIS

2023

Jurnal internasional bereputasi

Correlation between Glasgow Coma Scale with central venous pressure and near-infrared spectroscopy in patients with acquired brain injury in the

intensive care unit of AdamÂ ...

BASTIAN LUBIS , GALDY WAFIE

2021

Jurnal internasional

Description of Cerebral Oxygenation Measures after One Hour Bundle in the Treatment of Sepsis Patients in Adam Malik Haji General Hospital, Medan

BASTIAN LUBIS , DR. ALPERT DAVISTA

2018

Jurnal internasional bereputasi

Incremental Innovation towards Business Performance: Data Management Challenges in Healthcare Industry in Indonesia

BASTIAN LUBIS

2021

Jurnal internasional bereputasi

The Problematic Internet Use among Students: Prevalence of Internet Addiction towards Indonesian Hospital Management Information System Readiness

BASTIAN LUBIS

2024

Jurnal nasional terakreditasi

Correlation between Mean Platelet Volume, Fibrinogen and D-dimer with NIHSS Score

BASTIAN LUBIS , RR. SINTA IRINA , PUTRA FAJAR NASUTION

2021

Jurnal internasional bereputasi

The outcomes of transcatheter closure in patients with patent ductus arteriosus at Haji Adam Malik general hospital, Indonesia

RIZKY ADRIANSYAH , PUTRI AMELIA , BASTIAN LUBIS

2026

Buku lainnya

Thiamin (B1) and Its Application in Patients with Critical Condition

BASTIAN LUBIS

2021

Jurnal internasional

Analysis of Blood Culture Profile and Factors Related to Microbial Patterns and Antibiotic Resistance in Intensive Care Unit

BASTIAN LUBIS , YUTU SOLIHAT , DR. APRIANDENY HAITHAMI

2023

Jurnal internasional bereputasi

Mortality Rate of COVID-19 Patients in Intensive Care Unit: A Multicentre Retrospective Observational Study

HAIZAH NURDIN , BASTIAN LUBIS

2023

Jurnal internasional bereputasi

Relationship between Adjuvant Thiamine, Ascorbic Acid, and Combinations of These Drugs with Reducing the Incidence, Increasing MMP-9/TIMP-1 Ratio, and Decreasing Score Sofa in Mechanically Ventilated Patients with Severe Sepsis or Septic Shock

AGUS PRIMA , BASTIAN LUBIS , RR. SINTA IRINA

2020

Artikel ilmiah

High Central Venous Pressure Associated with Mortality in ICU

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

Relationship between Adjuvant Thiamine, Ascorbic Acid, and Combinations of These Drugs with Reducing the Incidence, Increasing MMP-9/TIMP-1 Ratio, and Decreasing Score Sofa inÂ ...

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

The Association between Mean Arterial Pressure, Central Venous Pressure, Cerebral Perfusion Pressure, Lung Oxygenation, and Glasgow Coma Scale in Sepsis Patients in the Intensive Care Unit

BASTIAN LUBIS , PUTRI AMELIA

2023

Jurnal nasional terakreditasi

Pengukuran Oksigenasi Otak dengan NIRS Dibandingkan S_{ijv}O₂ pada Pasien dengan Penurunan Kesadaran di Instalasi Perawatan Intensif

BASTIAN LUBIS

2022

Jurnal nasional terakreditasi

The Relationship of Renal Resistive Index and Central Venous Pressure As Predictors of Acute Kidney Injury in Critically Ill Patients of Intensive Care Unit Adam Malik GeneralÂ ...

BASTIAN LUBIS

2025

Jurnal nasional terakreditasi

Hubungan Lama Rawat Inap dengan Lepas dari Ventilasi Mekanik pada Pasien dengan Percutaneous Dilatation Tracheostomy

BASTIAN LUBIS

2024

Jurnal internasional bereputasi

Establishing clinical research networks for future infectious disease outbreak responses in Southeast Asia: Report of a workshop on challenges and opportunities

INKE NADIA DINIYANTI LUBIS , BASTIAN LUBIS , HENDRI WIJAYA , PUTRI AMELIA , BINTANG YINKE MAGDALENA SINAGA

2022

Jurnal internasional bereputasi

Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis

BASTIAN LUBIS

2021

Jurnal internasional bereputasi

Comparison of neutrophil gelatinase-associated lipocalin and renal resistive index as acute kidney injury predictor in critically ill patients at icu h. Adam malik hospital medan

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

Correlation of Matrix Metalloproteinase-9 and Tissue Inhibitor Matrix Metalloproteinase-1 on Lactate Concentration in Sepsis patients Admitted to Intensive Care Unit

PUTRI AMELIA , BASTIAN LUBIS

2026

Jurnal internasional bereputasi

The effect of thiamine, ascorbic acid, and the combination of them on the levels of matrix metalloproteinase-9 (MMP-9) and tissue inhibitor of matrix metalloproteinase-1 (TIMP…

BASTIAN LUBIS

2020
Jurnal internasional bereputasi

The association between cyanotic and acyanotic congenital heart disease with nutritional status

RIZKY ADRIANSYAH , BASTIAN LUBIS , PUTRI AMELIA

2022
Jurnal nasional

Perioperative Nutritional Status of Digestive Surgery Laparotomy Surgery

BASTIAN LUBIS

2022
Jurnal nasional

Comparison of Pre-Loading Fluid With Norepinephrine Toward Mean Arterial Pressure (MAP) In Sepsis Patients In Intensive Care Unit (ICU) of Haji Adam Malik General Hospital, Medan

BASTIAN LUBIS

2020
Poster seminar internasional

CONTINUOUS RENAL REPLACEMENT THERAPY IN NEUROMUSCULAR DISORDERS: A FORGOTTEN APPROACH

BASTIAN LUBIS

2021
Jurnal nasional terakreditasi

Promotive and preventive programs about basic life support in Medan Barat district

RIZKY ADRIANSYAH , ALI NAFIAH NASUTION , BASTIAN LUBIS , PUTRI AMELIA , MELATI SILVANNI NASUTION

2021
Jurnal internasional bereputasi

The association between daily fluid balance and mean perfusion pressure as a critical sign in the intensive care unit of adam malik central hospital, medan

BASTIAN LUBIS , PUTRI AMELIA

2023
Jurnal internasional bereputasi

Correlation between Glasgow Coma Scale with central venous pressure and near-infrared spectroscopy in patients with acquired brain injury in the intensive care unit of Adam ...

BASTIAN LUBIS

2020
Jurnal nasional

Relationships of DVT (Deep Vein Thrombosis) Based on Ultrasound with 72 Hours ICU Patients Using Mechanical Ventilation at RSUP. Haji Adam Malik Medan

BASTIAN LUBIS , AKHYAR HAMONANGAN NASUTION

2024
Jurnal internasional bereputasi

Stroke in critically ill patients with respiratory failure due to COVID-19: Disparities between low-middle and high-income countries

BASTIAN LUBIS

2023
Jurnal internasional bereputasi

Selective Critically Ill Patients with Tracheostomy are Eligible for Direct from Intensive Care Unit Sent Home: Case Series

BASTIAN LUBIS , MAYANG INDAH LESTARI

2018
Jurnal nasional terakreditasi

Peran Angiografi Pada Emboli Paru

BASTIAN LUBIS

2021
Jurnal nasional

A Promotive and Preventive Program for Febrile Seizures in Medan Barat District

PUTRI AMELIA , BASTIAN LUBIS

2025
Jurnal nasional

Effect of Thiamine on Serum Glucagon and Reactive Oxygen Species (ROS) in Perioperative Stress Response

PUTRI AMELIA , BASTIAN LUBIS

2024
Jurnal nasional terakreditasi

Perbandingan Efektifitas Bisoprolol 2, 5 mg dan Bisoprolol 5 mg dalam Mengontrol Denyut Jantung pada Pasien Sepsis di Ruang Rawat Intensif

BASTIAN LUBIS , ANDRIAMURI PRIMAPUTRA LUBIS

2022
Jurnal internasional bereputasi

The Effect of Thiamine, Ascorbic Acid, and the Combination of Them on the Levels of Matrix Metalloproteinase-9 (MMP-9) and Tissue Inhibitor of Matrix Metalloproteinase-1 (TIMP-1) in Sepsis Patients

PUTRI AMELIA , BASTIAN LUBIS

2023
Jurnal nasional terakreditasi

Gambaran Trakeostomi terhadap Length of Stay Pasien yang Dirawat di ICU RSUP Haji Adam Malik Medan Tahun 2021

BASTIAN LUBIS

2024
Poster seminar internasional

Correlation between Glasgow Coma Scale with central venous pressure and near-infrared spectroscopy in patients with acquired brain injury in the intensive care unit of Adam Malik Hospital Medan

BASTIAN LUBIS

2023
Jurnal nasional terakreditasi

Plasmapheresis in Myasthenia Gravis Crisis

BASTIAN LUBIS

2024
Buku lainnya

Pengantar Sistem Kesehatan Pintar

PUTRI AMELIA , BASTIAN LUBIS

2021
Jurnal internasional bereputasi

Combination Therapy of Vitamin C and Thiamine on Matrix Metalloproteinases-9 (Mmp-9) for Septic in ICU

BASTIAN LUBIS

2022
Jurnal internasional bereputasi

The Association between Mean Arterial Pressure, Central Venous Pressure, Cerebral Perfusion Pressure, Lung Oxygenation, and Glasgow Coma Scale in Sepsis Patients in the Intensive Care Unit

PUTRI AMELIA , BASTIAN LUBIS

2019
Jurnal nasional terakreditasi

Promotive and preventive programs of heavy infection knowledge in Medan Barat district

2025

Jurnal internasional bereputasi

Comparison of dexmedetomidine and midazolam in reducing agitation in the ICU patients using the Richmond Agitation Sedation Scale (RASS) and Bispectral Index (BIS)

BASTIAN LUBIS

2022

Jurnal nasional terakreditasi

The Relationship of Renal Resistive Index and Central Venous Pressure As Predictors of Acute Kidney Injury in Critically III Patients of Intensive Care Unit Adam Malik GeneralÂ ...

BASTIAN LUBIS

2022

Jurnal internasional bereputasi

Mortality Rate of COVID-19 Patients in Intensive Care Unit: A Multicentre Retrospective Observational Study

BASTIAN LUBIS

2025

Jurnal internasional bereputasi

Survival of Blalock-Taussig shunt surgery in children with congenital heart disease in the postoperative cardiac ICU of a national referral hospital in Jakarta

PUTRI AMELIA , BASTIAN LUBIS

2026

Jurnal nasional

THE ROLE OF DIGITAL SUBTRACTION ANGIOGRAPHY IN MASSIVE PULMONARY EMBOLISM

BASTIAN LUBIS

2023

Jurnal internasional bereputasi

Understanding NT-proBNP as One of Useful Marker for Cerebral Perfusion and Venous Congestion in Intensive Care Unit

BASTIAN LUBIS , Adityo Prabowo , Azwar Iwan Tona , Agus Prima

2025

Jurnal nasional terakreditasi

Perbandingan Efektivitas Pemberian Antibiotik Empiris Ceftriaxone dan Levofloxacin pada Pasien Sepsis dengan Community Acquired Pneumonia (CAP) di RSUP H. Adam Malik Medan Tahun 2020-2022

BASTIAN LUBIS

2024

Jurnal nasional terakreditasi

Perbandingan Efektifitas Teknik Jugular Interna dan Supraklavikula pada Pemasangan Kateter Vena Sentral dengan Panduan USG di RSUP H. Adam Malik Medan

BASTIAN LUBIS , RR. SINTA IRINA

2024

Poster seminar internasional

COMPARISON OF THE EFFECTIVENESS OF THE INTERNAL JUGULAR AND SUPRACLAVICULAR APPROACH IN CENTRAL VENOUS CATHETER INSERTION WITH USG GUIDANCE AT H. ADAM MALIK HOSPITAL MEDAN

BASTIAN LUBIS

2022

Jurnal nasional

Early Continuous Renal Replacement Therapy In Patients With St-Elevation

Myocardial Infarction And Covid-19 After Percutaneous Coronary Intervention: A Case Report

BASTIAN LUBIS , PUTRI AMELIA

2024

Jurnal nasional terakreditasi

Perbandingan Ekokardiografi Transtorakal dan Ultrasonic Cardiac Output Monitor dalam Menilai Respon Terapi Cairan pada Pasien Sepsis

BASTIAN LUBIS

2021

Jurnal internasional bereputasi

The outcomes of transcatheter closure in patients with patent ductus arteriosus at Haji Adam Malik general hospital, Indonesia

RIZKY ADRIANSYAH , PUTRI AMELIA , BASTIAN LUBIS

2022

Jurnal internasional bereputasi

The Effect of Thiamine, Ascorbic Acid, and the Combination of Them on the Levels of Matrix Metalloproteinase-9 (MMP-9) and Tissue Inhibitor of Matrix Metalloproteinase-1 (TIMP-1) in Sepsis Patients

PUTRI AMELIA , BASTIAN LUBIS , AZNAN LELO

2026

Jurnal internasional bereputasi

CORRELATION BETWEEN SERUM MAGNESIUM LEVELS AND NATIONAL EARLY WARNING SCORE (NEWS) IN SEPSIS PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT

BASTIAN LUBIS

2026

Jurnal nasional terakreditasi

Correlation Between Platelet Distribution Width and Mean Platelet Volume with Hematocrit in Dengue Hemorrhagic Fever Patients at Prof. Dr. Chairuddin Panusunan Lubis Hospital Universitas Sumatera Utara

ALMAYCANO GINTING , AIDA FITRI , BASTIAN LUBIS , DEWI FORTUNA CHAIRIYA

2021

Jurnal nasional terakreditasi

Hubungan Neutrophil-Lymphocyte Ratio (NLR) Terhadap Mortalitas Pasien Sepsis di Unit Perawatan Intensif RSUP Haji Adam Malik Pada Tahun 2018

BASTIAN LUBIS , PUTRI AMELIA

2019

Jurnal nasional

Deteksi Dini Gejala Emboli Paru di ICU

BASTIAN LUBIS , AKHYAR HAMONANGAN NASUTION

2023

Jurnal internasional bereputasi

Correlation Between Anemia (Hemoglobin Level) and Cardiomegaly Based On Chest Radiograph and Echocardiography

RIZKY ADRIANSYAH , PUTRI AMELIA , BASTIAN LUBIS

2022

Jurnal nasional

Comparison of Pre-Loading Fluid With Norepinephrine Toward Mean Arterial Pressure (MAP) In Sepsis Patients In Intensive Care Unit (ICU) of Haji Adam Malik General Hospital, Medan

BASTIAN LUBIS , RENDI SIDIQ

2023

Jurnal internasional bereputasi

Relationship between Adjuvant Thiamine, Ascorbic Acid, and Combinations of These Drugs with Reducing the Incidence, Increasing MMP-9/TIMP-1 Ratio,

and Decreasing Score Sofa in Mechanically Ventilated Patients with Severe Sepsis or Septic Shock

RR. SINTA IRINA , BASTIAN LUBIS

2023

Jurnal internasional bereputasi

Correction: Epidemiology and outcomes of early-onset AKI in COVID-19-related ARDS in comparison with non-COVID-19-related ARDS: insights from two prospective global cohort studies (Critical Care, (2023), 27, 1, (3), 10.1186/s13054-022-04294-5)

BASTIAN LUBIS

2025

Jurnal internasional bereputasi

Survival of Blalock-Taussig shunt surgery in children with congenital heart disease in the postoperative cardiac ICU of a national referral hospital in Jakarta

PUTRI AMELIA , BASTIAN LUBIS

Researches

2022

HUBUNGAN MEAN PERFUSION PRESSURE (MPP) DENGAN RENAL RESISTIVE INDEX (RRI) PADA PASIEN SEPSIS DI INTENSIVE CARE UNIT (ICU)

RIZKY ADRIANSYAH , BASTIAN LUBIS , PUTRI AMELIA

2023

Ipteks

A Case Series of Bleeding Complication Post Percutaneous Dilatational Tracheostomy and Management

BASTIAN LUBIS , MUHAMMAD HUSNI THAMRIN

2025

ANALISIS KETERLAMBATAN DIAGNOSIS PENYAKIT JANTUNG BAWAAN DI DAERAH URBAN DAN RURAL: STUDI KOMPARATIF DI SUMATERA UTARA

WINRA PRATITA , BASTIAN LUBIS , PUTRI AMELIA

2022

HUBUNGAN ANEMIA (KADAR HEMOGLOBIN) DENGAN PEMBESARAN JANTUNG BERDASARKAN FOTO THORAX DAN EKO KARDIOGRAFI

RIZKY ADRIANSYAH , BASTIAN LUBIS , PUTRI AMELIA

2024

Penelitian Fundamental

INSIDENSI SEPSIS PADA PASIEN DEWASA DENGAN BAKTEREMIA DAN KETERKAITANNYA DENGAN PERUBAHAN NILAI BIOMARKER INFEKSI DAN INFLAMASI

BASTIAN LUBIS , RINA YUNITA

2024

Kerjasama Luar Negeri dan Publikasi Internasional

Aetiology agents of community acquired pneumonia in South-East Asia

RINI SAVITRI DAULAY , BINTANG YINKE MAGDALENA SINAGA , RANTI PERMATASARI , BASTIAN LUBIS , ANANDA WIBAWANTA GINTING , HERWINDO AHMAD

2024

Biomedik

INSIDENSI SEPSIS PADA PASIEN DEWASA DENGAN BAKTEREMIA DAN KETERKAITANNYA DENGAN PERUBAHAN NILAI BIOMARKER INFEKSI DAN INFLAMASI

BASTIAN LUBIS , EVITA MAYASARI , RINA YUNITA

2024

Kerjasama Luar Negeri dan Publikasi Internasional

Agen Penyebab Community Acquired Pneumonia di Asia Tenggara

BINTANG YINKE MAGDALENA SINAGA , RANTI PERMATASARI , INKE NADIA DINIYANTI LUBIS , R LIA KUSUMAWATI , BASTIAN LUBIS , ANANDA WIBAWANTA GINTING , HERWINDO AHMAD , FAJRINUR SYARANI , Yeo Tsin Wen

Community Services

2025

PERTEMUAN ORANG TUA/WALI MAHASISWA BARU PESERTA PROGRAM PENDIDIKAN PROFESI DOKTER (P3D) DENGAN KOORDINATOR PROGRAM PENDIDIKAN PROFESI DOKTER (P3D) FAKULTAS KEDOKTERAN UNIVERSITAS SUMATERA UTARA (FK USU)

BASTIAN LUBIS , PUTRI AMELIA

2019

Penelitian Dosen Pemula

Program promotif dan preventif tingkat pengetahuan infeksi berat di Kecamatan Medan Barat

BASTIAN LUBIS , PUTRI AMELIA

2023

PEMBERDAYAAN TIM PENGGERAK PKK DALAM DETEKSI DINI DAN PENCEGAHAN PENYAKIT JANTUNG BAWAAN DI KOTA PEMATANG SIANTAR

BASTIAN LUBIS , PUTRI AMELIA

2024

SEMINAR PRA-INTERNSHIP PESERTA P3D FK USU

BASTIAN LUBIS , NAOMI NIARI DALIMUNTHE , PUTRI AMELIA

2024

PERTEMUAN ORANG TUA/ WALI MAHASISWA BARU PESERTA P3D DENGAN KOORDINATOR P3D FK USU

FATHIA MEIRINA , BASTIAN LUBIS , PUTRI AMELIA

2024

SEMINAR Prakepaniteraan Klinik Peserta Pendidikan Profesi Dokter (P3D) Fakultas Kedokteran Universitas Sumatera Utara

FATHIA MEIRINA , BASTIAN LUBIS , PUTRI AMELIA

Intellectual Property Rights

2025

Hak cipta nasional

PENGARUH PEMBERIAN TIAMIN, ASAM ASKORBAT, DAN KOMBINASI KEDUANYA TERHADAP KADAR MATRIX METALLOPROTEINASE (MMP-9) DAN TISSUE INHIBITOR OF MATRIX METALLOPROTEINASE (TIMP-1) PADA PASIEN SEPSIS

BASTIAN LUBIS

2025

Hak cipta nasional

Tiamin, Asam Askrobat : Telaah Mekanisme Intraseluler

PUTRI AMELIA , BASTIAN LUBIS

2025

Hak cipta nasional

Pengantar Sistem Kesehatan Pintar

BASTIAN LUBIS , PUTRI AMELIA

