

dr. Zulham, M.Biomed., Ph.D.

Dosen Program Studi S2 Ilmu Biomedik
Fakultas Kedokteran
Universitas Sumatera Utara

✉ zulham@usu.ac.id

🌐 fk.usu.ac.id/id/dosen/zulham

dr. Zulham, M.Biomed., Ph.D ialah seorang dokter, akademisi, dan peneliti di Fakultas Kedokteran Universitas Sumatera Utara (FK USU). Beliau menjabat sebagai lektor kepala (associate professor), ketua departemen histologi periode 2021-2026, dan koordinator staf ahli dekan FK USU dalam bidang akademik, kemahasiswaan, dan alumni periode 2021-2026. Ia merampungkan S.Ked. dari FK USU (1997), dokter dari FK USU (1999), M.Biomed. dalam kekhususan histologi dari FK UI (2008), dan Ph.D dalam bidang biokimia dari Fakultas Sains dan Teknologi, Universiti Kebangsaan Malaysia (2019). Beliau telah meraih berbagai dana hibah penelitian, 1 paten HKI, dan 1 dana hibah komersialisasi produk. Saat ini beliau mengembangkan produk bioteknologi yang dapat dikomersialisasikan.

Publications

2014

Book chapter nasional

Mutiara-mutiara Istimewa

ZULHAM

2026

Jurnal internasional bereputasi

The result of using wrist brace for treatment of failed conservative management of triangular fibrocartilage complex tear with unstable distal radioulnar joint due to limited

ZULHAM

2017

Book chapter internasional

Enzymes and Their Application

ZULHAM

2022

Jurnal nasional terakreditasi

Anredera cordifolia leaves extract accelerates the wound healing of normal and hyperglycemic rats

ZULHAM

2023

Jurnal nasional terakreditasi

PLASMA β -SECRETASE1 (BACE1) LEVELS AS MARKER OF COGNITIVE FUNCTION DECLINE IN ELDERLY

M. Ichwan , NURAIZA MEUTIA , ZULHAM , JELITA SIREGAR

2026

Jurnal internasional bereputasi

Lab-made 100 bp DNA Ladder using Polymerase Chain Reaction and Human DNA

ZULHAM , MUHAMMAD ILMAM BARIQI , PUTRI CHALYA FIRJATU , LUTHFI UMAM HAKIM NASUTION , ORYZA SATIVA LUBIS

2011

Jurnal internasional bereputasi

Survivin expression in uterine cervical exfoliative cells as diagnostic test of cervical malignancy

ZULHAM

2015

Jurnal internasional bereputasi

The effects of orthodontic forces during canine retraction using self-ligating brackets on gingival

ZULHAM

2017

Jurnal internasional bereputasi

Penyerapan Akar Gigi Apeks Luaran Hasil Rawatan Ortodontik Pada Enam dan 12 Bulan

ZULHAM

2009

Jurnal nasional terakreditasi

Molecular Basis of Acute Promyelocytic Leukemia

ZULHAM

2013

Jurnal internasional bereputasi

Differentiation of dental pulp stem cells into neuron-like cells in serum-free medium

ZULHAM

2014

Jurnal internasional bereputasi

Profiles of inflammatory markers for Traumatized and nontraumatized incisors during orthodontic treatment

ZULHAM

2022

Jurnal nasional terakreditasi

Volume minimum saliva untuk deteksi Human Beta Globin sebagai penanda DNA Genom Manusia

ZULHAM

2011

Jurnal internasional bereputasi

Survivin Expression in Uterine Cervical Exfoliative Cells as Diagnostic Test of Cervical Malignancy Process

ZULHAM

2025

Jurnal internasional bereputasi

Osteogenic Potential in Piper sarmentosum Roxb.: A Systematic Review of in vitro and in vivo Evidence

ZULHAM , Zainal Arifin

2022

Jurnal nasional terakreditasi

Salivary Microflora and Its Diagnostic Importance

ZULHAM

2013

Jurnal internasional bereputasi

Crevicular alkaline phosphatase activity and rate of tooth movement of female orthodontic subjects

ZULHAM

2009

Monograf

Penuntun Praktikum Histoteknik

ZULHAM

2026

Jurnal internasional bereputasi

2011

Jurnal internasional bereputasi

Crevicular tartrate resistant acid phosphatase activity and rate of tooth movement under different continuous force applications

ZULHAM

2013

Jurnal internasional bereputasi

Crevicular alkaline phosphatase activity and rate of tooth movement of female orthodontic subjects under different continuous force applications

ZULHAM

2023

Jurnal nasional

QUANTITATIVE POLYMERASE CHAIN REACTION AND UV-VISIBLE SPECTROPHOTOMETRY FOR THE QUALITATIVE AND QUANTITATIVE ANALYSIS OF DNA FROM HUMAN SALIVA

ZULHAM

2011

Jurnal internasional bereputasi

Cellular and molecular changes in orthodontic tooth movement

ZULHAM

2025

Jurnal nasional

Penerapan Teknologi Tepat Guna Dalam Pengolahan Janeng (*Dioscorea hispida* Dennst) Di Desa Riting Kecamatan Indrapuri Kabupaten Aceh Besar

RAIDA AGUSTINA , KHAIRI , ZULHAM , EKA CANDRA LINA , MUHAMMAD YASAR , MUSTAQIMAH

2022

Jurnal nasional terakreditasi

Saliva sebagai sumber DNA genom manusia

ZULHAM

2014

Jurnal internasional bereputasi

Profiles of inflammatory markers for Traumatized and nontraumatized incisors during orthodontic treatment with two archwire changes

ZULHAM

2023

Jurnal nasional terakreditasi

Volume minimum saliva untuk deteksi Human Beta Globin sebagai penanda DNA Genom Manusia

ZULHAM , TETTY AMAN NASUTION

2025

Jurnal nasional terakreditasi

Direct PCR for *Escherichia coli*: a straightforward and cost-effective method

EVITA MAYASARI , ZULHAM , SRY SURYANI WIDJAJA

2011

Jurnal internasional bereputasi

Zainol Abidin Intan Z, Megat Abdul Wahab R, Zainal Ariffin Z

ZULHAM

2015

Jurnal internasional bereputasi

The Effects of Orthodontic Forces during Canine Retraction Using Self-ligating Brackets on Gingival Crevicular Fluid Enzyme Activity, Canine Movement and Root Resorption

ZULHAM

2017

Jurnal internasional bereputasi

External apical root resorption as a result of orthodontic treatment at six and 12 months

ZULHAM

2020

Jurnal internasional bereputasi

Stress level and self-concept among type 2 diabetes mellitus patients in Indonesia

ZULHAM

2024

Jurnal nasional

Enhancing Salivary DNA Preservation via DNase I Inactivation: Role of Temperature and EDTA

SRV SURYANI WIDJAJA , ZULHAM , NURUL SULVIANI

2011

Jurnal internasional bereputasi

Crevicular tartrate resistant acid phosphatase activity and rate of tooth movement under different continuous force applications

ZULHAM

2026

Jurnal internasional bereputasi

Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Cyberjaya, 63000 Cyberjaya, Selangor, Malaysia 2 Graduate Research School, University of Cyberjaya

ZULHAM

2026

Jurnal nasional terakreditasi

Comparison of Buccal Mucosal Epithelial Cell Analysis of Communities Around and Outside the Medan City Waste Landfill

ZULHAM , T KEMALA INTAN , CAUSA TRISNA MARIEDINA , Indriyani Rachman , Matsumoto Toru

2018

Jurnal internasional

Diagnostic accuracy of lymphoma established by fine-needle aspiration cytological biopsy

DELYUZAR , ZULHAM , DR. DEDY SURYADI

2019

Koran/majalah populer/majalah umum

Luka pada Penderita Diabetes Melitus, Diet Keto, Aman atau Berbahaya?

ZULHAM

Researches

2022

Penelitian Dana Lokal Perguruan Tinggi

IDENTIFIKASI MIKROFLORA SALIVA PADA PENDUDUK DAN UJI KUALITAS SANITASI AIR DI KAWASAN PINGGIRAN KOTA MEDAN

ZULHAM , EVITA MAYASARI

2023

DNA Ladder Asal Manusia dan Bakteria: Perbandingan Kualitas, Kesederhanaan, Stabilitas

ERNI MISRAN , ZULHAM

2023

Volume minimum saliva untuk deteksi Human Beta Globin sebagai penanda DNA Genom Manusia

ZULHAM

2021

Biomedik

Volume minimum saliva untuk deteksi Human Beta Globin sebagai penanda DNA Genom Manusia

ZULHAM , TETTY AMAN NASUTION

Community Services

2023

Ipteks Bagi Masyarakat

Bimbingan Penulisan Karya Ilmiah Bagi Guru SMAN 2 Medan

ERNI MISRAN , ZULHAM , SAIB SUWILO

2023

pengangkatan panitia pemilihan mahasiswa berprestasi tingkat FK USU tahun 2023

ZULHAM , MUARA PANUSUNAN LUBIS

2024

Ipteks Bagi Kewirausahaan

Peningkatan Kapasitas Peternak Maggot Menjadi Peternak Tikus Laboratorium Galur Wistar Bersertifikat

ZULHAM , M. Ichwan , NENNI DWI APRIANTI LUBIS , MERINA PANGGABEAN

2025

Ipteks Bagi Masyarakat

PENINGKATAN NILAI EKONOMI JANENG (Dioscorea Hispida Dennst) SEBAGAI BAHAN PANGAN ALTERNATIF BERKELANJUTAN MELALUI PENERAPAN TEKNOLOGI TEPAT GUNA DI DESA RITING, ACEH

ERNI MISRAN , ZULHAM , EMIL SALIM , EKA CANDRA LINA , ELISA JULIANTI , MUHAMMAD YASAR

2022

Pencegahan Stunting Sejak Masa Kehamilan Melalui Penyuluhan Dan Pemeriksaan Tumbuh Kembang Janin Dengan USG Serta Pemberian Nutrisi Tambahan Pada Ibu hamil

MELVIN NOVA GUNAWANTO BARUS , JOHNY MARPAUNG , MOHAMMAD RHIZA Z TALA , KHAIRANI , ZULHAM , LETTA SARI LINTANG , CUT ADEYA ADELLA , MAKMUR SITEPU

Intellectual Property Rights

2019

Paten nasional

DNA Ladder 100 bp Berbasis PCR

ZULHAM