Dr. dr. Betty, M.Ked(PA)., Sp.PA. Subsp.O.G.P(K)

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Dr. dr. Betty merupakan dokter spesialis patologi anatomik dan staf pengajar di Fakultas Kedokteran Universitas Sumatera Utara (FK USU). Beliau tercatat sebagai dosen pada Program Studi Sp-1 Patologi Anatomik dengan jabatan akademik Lektor. Dalam bidang akademik dan penelitian, beliau berkontribusi dalam pengembangan ilmu patologi anatomik, khususnya pemeriksaan dan evaluasi jaringan untuk mendukung diagnosis penyakit. Penelitian beliau mencakup bidang onkologi, antara lain karakteristik histopatologi kanker payudara, kanker endometrium, dan kanker kolorektal. Melalui kegiatan pendidikan dan penelitian, beliau turut mendukung peningkatan kualitas diagnosis patologis serta pengembangan ilmu kedokteran di lingkungan FK USU.

Publications

2026
Jurnal nasional terakreditasi

EKSPRESI IMUNOHISTOKIMIA PZIP7 PADA INVASIVE BREAST CARCINOMA UNTUK MERAMALKAN AGRESIVITAS TUMOR DAN RESISTENSI KEMOTERAPI

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2026
Jurnal nasional

EKSPRESI IMUNOHISTOKIMIA PZIP7 PADA INVASIVE BREAST CARCINOMA UNTUK MERAMALKAN AGRESIVITAS TUMOR DAN RESISTENSI KEMOTERAPI

LIDYA IMELDA LAKSMI , BETTY , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2026
Artikel ilmiah

Sarcoma-Like Mural Nodule in Mucinous Borderline Ovarian Tumor: A Case Report

CITRA DEWI , EKA PUTRA PRATAMA , JESSY CHRESTELLA , SANGGAM BANGUN HUTAGALUNG , BETTY

2026
Artikel ilmiah

The Relationship of Immunohistochemical Expression of BRAFV600E with Clinical Features and Histopathological Subtypes in Papillary Thyroid Carcinoma (PTC)

BETTY , DELYUZAR

2025
Prosiding seminar internasional

A Case Report-Extra Luminal Rectal GIST Mimicking Leiomyoma: Diagnostic Insight from CD117, DOG1, and Ki-67 Profiling

JESSY CHRESTELLA , LIDYA IMELDA LAKSMI , ADI MURADI MUHAR , BETTY

2025
Prosiding seminar internasional

Low PD-L1 Immunohistochemical Expression In Invasive Urothelial Carcinoma: Insights from Histological Variants

LIDYA IMELDA LAKSMI , DHIRAJAYA DHARMA KADAR , BETTY , JESSY CHRESTELLA

2025
Jurnal nasional terakreditasi

Correlation between GATA3 Immunohitsochemistry and TP53 on some Ovarium Carcinoma Histopathology Subtype

JESSY CHRESTELLA , DELYUZAR , BETTY

2025
Poster seminar internasional

IMMUNOHISTOCHEMICAL EXPRESSION OF CD133 AS A CANCER STEM CELL MARKER IN ORAL SQUAMOUS CELL CARCINOMA BASED ON CLINICOPATHOLOGY AT HAJI ADAM MALIK GENERAL HOSPITAL MEDAN

BETTY

2025
Jurnal nasional terakreditasi

Giant Malignant Phyllodes Tumor in a 36-year-old Female: A Rare Case Report

Arie Widiansyah Hasibuan , BETTY , DENNY RIFSAL SIREGAR

2025
Jurnal nasional terakreditasi

HUBUNGAN EKSPRESI PD-L1 DAN DENSITAS TILS PADA SUBTIPE KARSINOMA OVARIUM

BETTY , CAUSA TRISNA MARIEDINA , LIDYA IMELDA LAKSMI

2025
Jurnal nasional terakreditasi

PEMERIKSAAN IMUNOHISTOKIMIA CLAUDIN-4 PADA PREPARAT CELL BLOCK CAIRAN EFUSI PLEURA BERDASARKAN KATEGORI DIAGNOSTIK THE INTERNATIONAL SYSTEM FOR REPORTING SEROUS FLUID CYTOPATHOLOGY

BETTY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2025
Jurnal nasional terakreditasi

Comparison of Peritumoral Budding Features in Colorectal Adenocarcinoma NOS by Hematoxylin-Eosin (HE) Staining and Pancytokeratin (AE1/AE3) Immunohistochemistry

BETTY , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2025
Artikel ilmiah

Sarcoma-Like Mural Nodule in Mucinous Borderline Ovarian Tumor: A Case Report

BETTY , JESSY CHRESTELLA

2025
Tulisan ilmiah

A Case Report-Extra-Luminal Rectal GIST Mimicking Leiomyoma: Diagnostic Insight from CD117, DOG1, and Ki-67 Profiling

LIDYA IMELDA LAKSMI , ADI MURADI MUHAR , JESSY CHRESTELLA , BETTY

2025
Tulisan ilmiah

Low PD-L1 Immunohistochemical Expression in Invasive Urothelial Carcinoma: Insights from Histological Variants

LIDYA IMELDA LAKSMI , DHIRAJAYA DHARMA KADAR , BETTY , JESSY CHRESTELLA

2025
Jurnal nasional terakreditasi

Comparison of Examination Results of Cytocentrifuge Cytology and Cell Block Methods on Pleural Fluid Confirmed with Calretinin

BETTY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2025
Jurnal internasional bereputasi

Histomorphology and expression immunohistochemistry of CK20 in bladder

urothelial carcinoma histopathology subtypes

LIDYA IMELDA LAKSMI , DHIRAJAYA DHARMA KADAR , BETTY , JESSY CHRESTELLA

2024
Poster seminar internasional

HER2 TYPE BREAST CANCER PATIENTS PROFILE IN MEDAN 2022-2023

ASAN PETRUS , KAMAL BASRI SIREGAR , RODIAH RAHMAWATY LUBIS , DEDY SYAHRIZAL , DELYUZAR , MUHAMMAD RUSDA , BETTY , DEDY HERMANSYAH , ESTHER RENY DESWANI SITORUS , FEBY YANTI HARAHAP , FARATIKA CALISTA PUTRI NASUTION , M. ARYA MUQITA LUBIS

2024
Tulisan ilmiah

Analysis of the P53 Apoptosis Index with Chemotherapy Respons in HER2 Type Breast Cancer Patients

DELYUZAR , BETTY , DEDY SYAHRIZAL , MUHAMMAD RUSDA , RODIAH RAHMAWATY LUBIS , FEBY YANTI HARAHAP , KAMAL BASRI SIREGAR , DEDY HERMANSYAH

2024
Jurnal nasional

Immunohistochemistry Expression Gata3 Based on Subtypes of Ovarian Carcinoma at Haji Adam Malik General Hospital Medan 2019-2021

BETTY , DELYUZAR , LIDYA IMELDA LAKSMI , JESSY CHRESTELLA

2024
Jurnal nasional terakreditasi

Correlation Ki67 Expression with Peritumoral Budding Tumor Index in the Case of Squamous Cell Carcinoma Cervix NOS and Adenocarcinoma Cervix NOS

BETTY , T KEMALA INTAN , T IBNU ALFERRALY , JESSY CHRESTELLA

2024
Jurnal nasional

The Correlation of Light Chain 3B Immunohistochemical Expression with Histopathological Grading in Colorectal Adenocarcinoma

BETTY , DELYUZAR , LIDYA IMELDA LAKSMI

2024
Prosiding seminar nasional

Mamary Paget Disease

BETTY

2024
Jurnal internasional

Immunohistochemistry Expression of L1CAM Based on Subtype and Grading Histopathological of Endometrial Carcinoma at Haji Adam Malik and Prof. Dr. Chairuddin P. Lubis Universitas Sumatera Utara Hospital 2018-2022

BETTY , SRI WAHYUNI , DELYUZAR

2024
Jurnal nasional

High Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 Correlates with High Grade of Clear Cell Renal Cell Carcinoma

BETTY , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , T IBNU ALFERRALY

2024
Jurnal nasional

Relationship of Stromal Tumor Infiltrating Lymphocytes (STILs) with Histopathology Grading in Penile Squamous Cell Carcinoma

BETTY , T KEMALA INTAN , T IBNU ALFERRALY , DELYUZAR

2024
Jurnal nasional

Correlation between Matrix Metalloproteinase-9 (MMP-9) Immunohistochemical Expression and Histopathological Subtypes of Basal Cell Carcinoma

BETTY , T IBNU ALFERRALY , T KEMALA INTAN , LIDYA IMELDA LAKSMI

2024
Prosiding seminar nasional

Assessment of Sensitivity, Specificity, and Accuracy of Tumors Budding in Colorectal Adenocarcinoma by Hematoxylin and Eosin and AE1/AE3 Immunohistochemistry

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2024
Poster seminar internasional

CLINICOPATHOLOGICAL OF OVARIAN EPITHELIAL TUMOR

BETTY , CAUSA TRISNA MARIEDINA

2023
Prosiding seminar nasional

GAMBARAN MIKROSKOPIS SERTOLI SEL TUMOR PADA TESTIS YANG MENYERUPAI SEMINOMA

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Jurnal nasional terakreditasi

The Association Between Expression of Transforming Growth Factor-β1, Fibroblast Activated Protein, Pattern of Tumor-Associated Collagen Signature and Degree of Tumor-Infiltrating Lymphocytes to Grading International Society Of Urological Pathology in Clea

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Jurnal internasional bereputasi

Anti-Aging Activity of Andaliman (Zanthoxylum Acanthopodium DC) Fruit Ethanol Extract on Brain Weight and p16INK4a Expression of Hippocampus in Aging Model Rats

BETTY , DELFITRI MUNIR , YETTY MACHRINA , IMAM BUDI PUTRA , SYAFRUDDIN ILYAS , POPPY ANJELISA ZAITUN HASIBUAN , DWI RITA ANGGRAINI

2022
Jurnal internasional

The Accuracy of the Cytological Examination of Fine Needle Aspiration in Papillary Thyroid Carcinoma at General Hospital H. Adam Malik (HAM), Medan

MOHAMMAD NADJIB D LUBIS , BETTY , DELYUZAR , JOKO S LUKITO , T KEMALA INTAN

2022
Jurnal internasional

Correlation Expression of Autophagy Marker LC3B with Histopathological Grading and Molecular Subtypes in Invasive Breast Carcinoma of No Special Type

CAUSA TRISNA MARIEDINA , BETTY

2022
Jurnal internasional

CORRELATION INDEX PERITUMORAL BUDDING TUMOUR WITH GRADING HISTOPATHOLOGY CERVICAL SQUAMOUS CELL CARCINOMA NOS

CAUSA TRISNA MARIEDINA , BETTY , T IBNU ALFERRALY

2022
Jurnal internasional bereputasi

Stem cell-like Subtypes in Triple-Negative Breast Cancer

DELYUZAR , BETTY

2022
Jurnal internasional bereputasi

EXPRESSION OF IMMUNOHISTOCHEMICAL CHROMOGRANIN A AND SYNAPTOPHYSIN AS MARKERS OF NEUROENDOCRINE TUMOUR (NET) IN HISTOPATHOLOGICAL PREPARATION OF APPENDICITIS

CAUSA TRISNA MARIEDINA , BETTY

2022
Artikel ilmiah

Karakteristik pattern histopatologi anaplastic thyroid carcinoma di Rumah Sakit Umum Pusat H. Adam Malik Medan periode 2016-April 2021

BETTY , LIDYA IMELDA LAKSMI

2022
Jurnal internasional

The Correlation of Expression Immunohistochemistry P53 and Matrix Metalloproteinase-9 (MMP-9) with Tumor Budding Index in Endometrial Carcinoma

JESSY CHRESTELLA , LIDYA IMELDA LAKSMI , DELYUZAR , BETTY

2022
Jurnal internasional

Comparison Of Accuracy Levels Beetween Cell Block And Conventional Cytology Smear Methods On Pleural Effusion Fluid Evaluation In Lung Cancer Patients

CAUSA TRISNA MARIEDINA , BETTY

2022
Jurnal nasional terakreditasi

Characteristics of follicular adenoma patients at H. Adam Malik General Hospital, Medan, during the 2017-2020 period

BETTY , LIDYA IMELDA LAKSMI

2021
Jurnal internasional

Correlation of Tumour-Infiltrating Lymphocyte Volume (TILV) with Histological Grading in Colorectal Adenocarcinoma

BETTY , DELYUZAR , JESSY CHRESTELLA , T IBNU ALFERRALY

2020
Jurnal internasional

CORRELATION OF INTRATUMORAL TUMOR-INFILTRATING LYMPHOCYTES (TILs) WITH HISTOLOGICAL GRADING OF ADENOCARCINOMA COLON

FAHMI IRSAN NASUTION , BETTY

2011
Tulisan ilmiah

Profil Penderita Karsinoma Kolorektal di Laboratorium Patologi Anatomi FK USU/ RSUP HAM, RSUD Dr Pirngadi dan Beberapa Laboratorium Patologi Anatomi Swasta di Kota Medan Tahun 2011-2012

YESSI DEVITA AZRAINI DEWI , T IBNU ALFERRALY , BETTY

Researches

2025
Ipteks Bagi Kewirausahaan

HUBUNGAN DERAJAT ASMA DENGAN KUALITAS HIDUP PASIEN ASMA BERDASARKAN ASTHMA QUALITY OF LIFE QUESTIONNAIRE (AQLQ) DI RUMAH SAKIT PROF. DR. CHAIRUDDIN P. LUBIS MEDAN

BETTY , LILI ROHMAWATI

2024
Penelitian Dana Lokal Perguruan Tinggi

Histomorphology and expression immunohistochemistry of CK20 in bladder urothelial carcinoma histopathology subtypes

BETTY , LIDYA IMELDA LAKSMI , DHIRAJAYA DHARMA KADAR

2023

Stem cell-like Subtypes in Triple-Negative Breast Cancer

DELYUZAR , BETTY

2022

Correlation Expression of Autophagy Marker LC3B with Histopathological Grading and Molecular Subtypes in Invasive Breast Carcinoma of No Special Type

BETTY

2022

The Correlation of Expression Immunohistochemistry P53 and Matrix Metalloproteinase-9 (MMP-9) with Tumor Budding Index in Endometrial Carcinoma

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI

2022

Correlation Index Peritumoral Budding Tumour with Grading Histopathology Cervic Squamous Cell Carcinoma

BETTY

2022

Expression of Immunohistochemical Chromoganin A and Synaptophysin as Markers of Neuroendocrine tumour (net) in Histopathological Preparation of Appendicitis

BETTY

2022

A Case Report: The Incidental Finding of Neuroendocrine Tumor of Appendix Preseting as an Acute Appendidicitis

BETTY , LIDYA IMELDA LAKSMI , JESSY CHRESTELLA

2022

The Correlation of Expression Immunohistochemistry P53 and Matrix Metalloproteinase-9 (MMP-9) with Tumor Budding Index in Endometrial Carcinoma

BETTY , LIDYA IMELDA LAKSMI , JESSY CHRESTELLA

2022
Biomedik

Karakteristik pattern histopatologi anaplastic thyroid carcinoma di Rumah Sakit Umum Pusat H. Adam Malik Medan periode 2016-April 2021

BETTY , LIDYA IMELDA LAKSMI

2020
Pendidikan Magister Doktor Sarjana Unggul

Kajian Antikolitis Ekstrak Sarang Semut (Myrmecodia pendans) in Vivo

BETTY , TRI WIDYAWATI

2020
Pendidikan Magister Doktor Sarjana Unggul

Kajian Antiinflamasi Ekstrak Daun Gambir (Uncaria gambir) pada Tikus Kolitis Ulseratif yang Diinduksi Dextran Sulphate Sodium

BETTY , TRI WIDYAWATI

Community Services

2026

Penyuluhan Waspada Kanker di Puskesmas Buhit Pangururan Samosir

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2026
Ipteks Bagi Masyarakat

Deteksi Dini Kanker pada Rahim melalui Pemeriksaan Paps Smear di Puskesmas Buhit Pangururan Samosir

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , DEVI NAFILAH YUZAR

2026

Pemeriksaan Kesehatan dengan Metode Fine Needle Aspiration Biopsy (FNAB)

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , DEVI NAFILAH YUZAR

2025

Penyuluhan Kesehatan Tentang Paparan Bahan Kimia Terhadap Kanker Pada Rongga Mulut di PT.Inalum Tanjung Gading, Sei Suka, Batubara

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2025
Ipteks Bagi Masyarakat

Bantuan Kemanusiaan melalui Penyaluran Paket Kebutuhan Pokok bagi masyarakat terdampak Banjir di Kab. Aceh Tamiang

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2025

Penyuluhan Kesehatan Tentang Kesehatan Lansia di PT.Inalum Tanjung Gading, Sei Suka, Batubara

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2025
Ipteks Bagi Masyarakat

Penyuluhan Kesehatan sebagai Upaya pencegahan Dampak Penyakit Pasca Banjir pada anak-anak di Kabupaten Aceh Tamiang

BETTY , T KEMALA INTAN , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2025

Pengabdian Masyarakat

DELYUZAR , BETTY , T KEMALA INTAN , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2024

PELATIHAN KESEHATAN TENTANG WASPADA TERHADAP KANKER KEPADA MASYARAKAT KECAMATAN MEDAN TEMBUNG

BETTY , T KEMALA INTAN , CAUSA TRISNA MARIEDINA

2024

Edukasi Deteksi Dini Kanker Rahim dan Payudara Kepada Masyarakat di Kecamatan Binjai Timur

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2024

Edukasi Deteksi Dini Kanker Rahim Bekerjasama dengan Yayasan Griya Fadhilah Al-Quran Residence Puri Hotel Medan

BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , DEVI NAFILAH YUZAR

2024

Penyuluhan Waspada Kanker di Yayasan Griya Fadhilah Al-Quran

BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2024

Edukasi Deteksi Dini Kanker Rahim Bekerjasama Dengan Yayasan Griya Fadhilah Al-Quran

BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , JESSY CHRESTELLA , DEVI NAFILAH YUZAR

2023

Konseling kesehatan tentang pencegahan dini kanker mulut kepada masyarakat Kecamatan Medan Baru

BETTY , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2023

Penyuluhan kesehatan tentang penanganan plasenta paska persalinan kepada masyarakat kecamatan Medan Baru

BETTY , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2023
Ipteks Bagi Masyarakat

Konseling Kesehatan Tentang Pencegahan Dini Kanker Mulut

BETTY , ERVINA SOFYANTI

2023

Penyuluhan Kesehatan tentang, Mengenal Pembunuh Wanita, dalam rangka Dies Natalis FK USU ke-71 di Lapangan Merdeka Binjai

CUT FATIMAH ZUHRA , BETTY , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2022

Penyuluhan Tata Cara Pengambilan Sampel Paps Smear yang Representative

BETTY , T KEMALA INTAN , LIDYA IMELDA LAKSMI , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2022

Penyuluhan Kesehatan Deteksi Dini Kanker Serviks

SOEKIMIN , BETTY , T KEMALA INTAN , LIDYA IMELDA LAKSMI , MOHAMMAD NADJIB D LUBIS

2022

Penyuluhan Kesehatan Tentang Mengenai Waspada Terhadap Kanker Kepada Masyarakat Kecamatan Medan Belawan

DELYUZAR , BETTY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA , JOKO S LUKITO

2021
Ipteks Bagi Masyarakat

Penyuluhan Skrining Kanker Serviks pada Masyarakat Kecamatan Medan Marelan

BETTY , LIDYA IMELDA LAKSMI

2021

Penyuluhan Skrining Kanker

BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2021

Pelatihan Kesadaran tentangWaspada terhadap kanker kepada masyarakat kelurahan di Auto 2000

DELYUZAR , BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2021

Penyuluhan Skrining Kanker

BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA

2021

Penyuluhan Skrining Kanker

BETTY , LIDYA IMELDA LAKSMI , T IBNU ALFERRALY , CAUSA TRISNA MARIEDINA , JESSY CHRESTELLA