

# Jan Ślęzak

## Medical Student

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## EDUCATION

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**Faculty of Medicine** 2020 - Present  
Poznan University of Medical Sciences

## WORK EXPERIENCE

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**Laboratory Assistant** Feb 2025 - Dec 2025  
Consilio Diagnostica Poznań

- Received instruction in microscopic review of pathology slides H&E and IHC
- Performed macroscopic assessment
- Assisted in histopathology slide preparation

**Medical Assistant** Aug 2023 - Nov 2024  
Specialist Mother & Child Health Care Center

- Assisted physicians during examinations
- Prepared and reviewed medical documentation

**Trainee Medical Assistant** Aug 2022 - Sep 2023  
Specialist Mother & Child Health Care Center

- Provided care for patients aged 0-3 years
- Performed minor medical procedures

## INTERNSHIPS

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**MedART** Apr 2025 - Present  
Infertility Diagnosis and Treatment Center

- Training AI based to recognize CD138+, CD79a+, CD56+ and CD15+ cells
- Archiving paraffin blocks, slides and scanning histopathology slides

**Prof. G. Dworacki's team** Jan 2025 - Present  
Clinical Hospital of Poznan University of Medical Sciences

- Developing proficiency in microscopic review of bone marrow trephine biopsies (H&E, IHC)
- Assisting with structuring pathology reports and co-developing a results reporting tool
- Building foundational skills in flow cytometry and performing cell culture under supervision

**Dr. N. Retkowska-Tomaszewska's team** Jul 2024 - Apr 2025  
Neurosurgical ward, Jonscher Clinical Hospital

- Clinical observership

## PUBLICATIONS

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**Author, Am J Clin Pathol** Mar 2026  
Derived an AJCP-concordant formula for marrow normocellularity based on published data

- Beyond the "100-age" rule: an AJCP-concordant formula for marrow normocellularity. Manuscript accepted.

- Co-author, Pharmaceutics** Feb 2026  
 Prepared chapters on Immunosuppressive vs. Immunostimulatory Factors, developed figures using BioRender  
 · Breaking Barriers: Immune Checkpoint Inhibitors in Breast Cancer ([doi:10.3390/pharmaceutics18010034](https://doi.org/10.3390/pharmaceutics18010034))
- Co-author, Int J Mol Sci** Jan 2026  
 Co-authored the chapter “Genetic and Molecular Basis of Lynch Syndrome” and created a figure using BioRender  
 · Hereditary Endometrial Cancer: Lynch Syndrome, Mismatch Repair Deficiency, and Emerging Genetic Predispositions—A Comprehensive Review with Clinical and Laboratory Guidelines ([doi:10.3390/ijms27031304](https://doi.org/10.3390/ijms27031304))
- Co-author, Contemp. Pharm.** Oct 2024  
 Prepared the chapter: Introduction and Inflammatory bowel diseases and fatty liver  
 · Metabolic and cardiovascular disorders in patients with inflammatory bowel diseases ([doi:10.53139/FW.20241718](https://doi.org/10.53139/FW.20241718))
- Co-author, Genes** Mar 2023  
 Performed supervised cell culture of MCF7, MDA-MB-231, and SK-BR-3  
 · Doxorubicin and Cisplatin Modulate miR-21, miR-106, miR-126, miR-155 and miR-199 Levels in MCF7, MDA-MB-231 and SK-BR-3 Cells That Makes Them Potential Elements of the DNA-Damaging Drug Treatment Response Monitoring in Breast Cancer Cells—A Preliminary Study ([doi:10.3390/genes14030702](https://doi.org/10.3390/genes14030702))

## CONFERENCES

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- ESCCA Conference, Montpellier** Sep 2025  
 Poster Presentation  
 · How does flow cytometry of cerebrospinal fluid and peripheral blood help diagnose primary CNS lymphoma.
- Lifestyle Medicine for Longevity, Blue Zones** May 2025  
 Volunteered  
 · Volunteered at the international conference in Poznań.
- SCALPELLUM: 4th National Student Conference** Apr 2025  
 Oral Presentation  
 · Abusive Head Trauma in an Infant - Diagnostic Significance of Ocular Fundus Examination: A Case Report.
- Neurooncology, Greater Poland Days** Dec 2024  
 Co-author of oral presentation  
 · Modern approaches to the treatment of diffuse gliomas: therapeutic strategies for grade I, III, and IV tumors.
- 8th Greater Poland Meeting of Pediatric Surgeons** Nov 2024  
 Oral Presentation  
 · Rare case of arteriovenous malformation in a newborn.
- “Hospital Challenge” Conference** Sep 2024  
 Attendee  
 · Specialist Mother & Child Health Care Center, Poznań.
- SCALPELLUM: 3rd National Student Conference** May 2024  
 Oral Presentation  
 · Vomiting in infants as a potential sign of brain disorders: a case report.

## 7th Greater Poland Meeting of Pediatric Surgeons

Nov 2023

Oral Presentation

- CSMD3 gene c.1075G>T variant in two children aged 3 and 7.

## COURSES

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### Malignant Entities in Blood & Bone Marrow

Jan 2026

PathElective

### Prostate and Seminal Vesicles

Jan 2026

PathElective

### Benign Entities in Blood and Bone Marrow

Dec 2025

PathElective