

18th

WIMC

WARSAW INTERNATIONAL MEDICAL CONGRESS



18th WARSAW INTERNATIONAL MEDICAL CONGRESS

# RESULTS

# Basic & Preclinical Science

Session Coordinators:

Maciej Pawlica & Jakub Góra



1st Place

Mihály Székely

The impact of protein arginine methyltransferase 5 mutations on carcinogenesis

2nd Place

Attila Tibor Gerencsér

Chimeric antigen receptor expressing macrophages interact with natural killer (NK) cells to increase tumor killing

3rd Place

Michał Hutny

Development of an innovative method of preparing iPS cells for gene cell therapy of hereditary diseases based on the Osteogenesis imperfecta model

1st Distinction

Konrad Wróbel

Knockout of lncRNA-CCAT1 with the use of CRISPR-Cas9 system and G7 PAMAM dendrimers influences apoptosis and proliferations of NSCLC cells

# Cardiology & Cardiac Surgery

Session Coordinators:

Katarzyna Gozdera & Jakub Zabłocki

**1st Place**

**Grzegorz Procyk**

Sex-related differences in acute pulmonary embolism patients treated by a pulmonary embolism response team – a multicenter retrospective cohort study

**2nd Place**

**Michał Błaszkiwicz**

Predictors of periprocedural myocardial infarction after rotational atherectomy

**3rd Place**

**Antoni Ludew**

Ductus arteriosus anatomy in duct-dependent pulmonary circulation – a virtual reality volume rendering study

**1st Distinction**

**Aleksandra Karcińska**

Clinical characteristics and long-term outcomes of patients with heart failure with improved ejection fraction. First Polish report from LECRA-HF registry



# Dentistry & Maxillofacial Surgery

Session Coordinators:

Maja Kłopecka & Natalia Perz

## 1st Place ex aequo

Aleksandra Orlańska

Influence of implant scan body installation torque on the accuracy of digital workflow for implant prostheses preparation

Andrzej Sołtyk

Comparison of System Requirements and Friendliness of User Interface in different Software for Guided Dental Implant Planning

## 2nd Place ex aequo

Ewa Stopa

Evaluation of the condylar position in the temporomandibular joint in patients undergoing orthognathic surgery

Mike Lee

Evaluation of the course of the inferior alveolar canal in relation to the roots of fully and partially impacted lower third molars on Cone Beam Computed Tomography



# Dermatology & Allergology

Session Coordinators:

Anna Rapiejko & Malwina Wojtas

1st Place

Anna Rapiejko

Insight into antibiotic prescription tendencies for acute asthma exacerbations – results of the Polish part of the EAACI survey

## Dermatology & Allergology Case Report

1st Place

Michał Zygarowicz

“12 cm squamous cell carcinoma skin tumor of the scalp”

2nd Place

Carolyn Szwed

Dyskeratosis congenita: A rare congenital disease with diagnostic value of skin biopsy



# Endocrinology & Diabetes

Session Coordinators:

Kinga Dziobiak & Zuzanna Kaczmarczyk

1st Place

Jan Maciej Kapała

Primary response in short stature treatment in patients with GHD as a predictor for long-term therapy effectiveness - a retrospective cohort study

1st Distinction

Mihály Székely

Investigation of thyroid involvement in patients treated with primary Raynaud's phenomenon

## Endocrinology Case Report

1st Place

Natalia Kukuła

Minimally invasive method to exclude the pituitary origin of Cushing syndrome  
in the evaluation of the central-peripheral ACTH gradient.



# Infectious Diseases

Session Coordinators:

Klaudia Zielonka & Kamil Tkacz

## 1st Place

**Disha Keshwani**

Changes of ACE-2 related-miR-200b-3p expression over time is a predictive factor of long hospitalization for COVID-19: in silico, machine learning and validation analysis

## 2nd Place ex aequo

**Wiktoria Maria Izdebska**

Comprehensive longitudinal analysis of lung function tests in patients after acute COVID-19

**Filip Jakubczak**

Prevalence and subtyping of Blastocystis sp. in pet rodents in Warsaw

## 3rd Place

**Luiza Shcherbakowa**

Multisystem inflammatory syndrome associated with SARS-CoV-2 infection in children

# Internal Medicine

Session Coordinators:

Ada Piwko & Weronika Stachera



**1st Place**

**Wiktoria Grycuk**

Proenkephalin level and its determinants in patients with end-stage kidney disease treated with hemodialysis and peritoneal dialysis

**2nd Place**

**Nikola Serge**

Correlation between conduction disturbances and noncompacted versus compacted myocardial layer of the left ventricle among patients at Pauls Stradins Clinical University Hospital

**3rd Place**

**Jakub Michał Zimodro**

AngioScore: artificial intelligence for determination of SYNTAX Score

# Laboratory Medicine

Session Coordinators:

Julia Wiśniewska & Szczepan Wąsik

**1st Place**

**Michał Bochenek**

Endogenous cannabinoids in children and adolescents with Crohn's Disease

**2nd Place**

**Agnieszka E. Zając**

Mutational signatures of chondrosarcoma using next-generation sequencing



# Laryngology, Audiology & Phoniatics

Session Coordinators:

Julia Śladowska & Zosia Jedral

**1st Place**

**Marta Mękarska**

Elastography as a complement method to ultrasound diagnostics of salivary gland pathology

**2nd Place**

**Anna Bohdziewicz**

The usefulness of selected olfactory tests in diagnostics of young Polish children

# Laryngology, Audiology & Phoniatics Case Report

1st Place

**Aleksandra Borowy**

Clinical manifestation and spreading directions of jugular foramen paragangliomas  
- case series

2nd Place

**Wiktoria Baczewska**

Chronic otorrhoea after ventilation drainage. Complicated association of otorhinolaryngological diseases based on the case of a 3-year-old patient.



# Lifestyle Medicine & Public Health

Session Coordinators:

Magdalena Kędrak & Zuzanna Warzywoda

## 1st Place

Anastasiia Shkvarok

Assessment of the risk of developing cardiovascular complaints among Ukrainian students and situational anxiety level during the martial law

## 2nd Place

Marian Wojnarski

Diseases and health incidents among the homeless in Krakow - the role of health in exiting homelessness

## 3rd Place

Anna Krawczyk

The Future of the Polish Primary Care – projection of the demand and the number of family doctors till 2045

# Neonatology

Session Coordinators:

Mateusz Kopczyński & Kacper Majczak



## 1st Place

**Adrianna Maria Perzanowska**

Comparison of selected indicators of perinatal care in Poland and Zimbabwe with special focus on maternal mental health and neonate's birth status

## 2nd Place

**Martyna Ewa Berej**

Assessment of the effect of immunosuppression on antibiotic resistance of intestinal microbiota in children born by mothers with liver or kidney transplant medical history

## 3rd Place

**Julia Śladowska**

Renal replacement therapy in critically ill newborns

# Neonatology Case Report

1st Place

**Paulina Woźniak**

Can pneumothorax save a life? – a case report of an infant with congenital neuroblastoma

2nd Place

**Patrycja Bździuch**

A 7-day-old patient with encephalitis caused by human parechovirus infection - a case report

# Neurology & Neurosurgery

Session Coordinators:

Weronika Zając & Aleksandra Kulczyk



**1st Place**

**Piotr Olejnik**

Transient global amnesia - hippocampal lesions in magnetic resonance imaging

**2nd Place**

**Karolina Markusiewicz**

How should the catheter in VP shunt be placed? Influence of placement on malfunction.

**3rd Place**

**Jakub Rusinek**

Visual disturbances in patients with Parkinson's disease and treated with oral medications or with deep brain stimulation

**1st Distinction**

**Dominika Świerczewska**

Analysis of influence of prenatal exposition to testosterone and serum testosterone level in patients with multiple sclerosis treated with natalizumab and fingolimod

# Obstetrics, Gynecology & Perinatology

Session Coordinators:

Julia Sieńczyk & Natalia Rosół

**1st Place**

**Natalia Izabela Szmigielska**

Obstetric outcomes after gestational choriocarcinoma: single center study

**2nd Place**

**Aistė Buitvidaitė**

Cesarean birth on patient request

**3rd Place**

**Marek Misiak**

Current opinion of Polish women about the optimum mode of delivery and shared-decision making



# Oncology & Hematology

Session Coordinators:

Mateusz Ziomek & Michał Cholewiński

1st Place

Anna Terlecka

Evaluating the effectiveness of nivolumab neoadjuvant treatment in patients with locally advanced melanoma

2nd Place - ex aequo

Piotr Błoński

Systemic therapy outcomes in patients with advanced melanoma: a real world study

Magdalena Zielińska

Toxicity of anti-PD 1 as first-line treatment in patients with advanced melanoma.

3rd Place

Maria Stec

Salvage re-irradiation in non-melanoma skin cancers: preliminary results

# Oncology Case Report

1st Place

**Arkadiusz Moskwa**

Stereotactic re-irradiation of spinal metastases from malignant peripheral nerve sheath tumor: a case report

2nd Place

**Elena Čijauskaitė**

Incidental pancreatic cystic neoplasm and mesenteric low-grade fibromyxoid sarcoma: a case report



# Ophthalmology

Session Coordinators:

Marta Żmijewska & Sylwia Adamus

1st Place

Przemysław Rusztyn

Patients' perspective on Visual Snow Syndrome

# Ophthalmology Case Report

1st Place

Wiktoria Stańska

Loss of vision in the course of giant cell arteritis



# Orthopaedics & Traumatology

Session Coordinators:

Robert Kołaczyński

## 1st Place

**Bartłomiej Wilk**

Change in the size of the anterior part of the distal femur after TKA  
affects knee flexors force

## 2nd Place

**Anna Kupczak**

Anatomical predisposing factors for subsequent patellar dislocation

## 3rd Place

**Eyal A. Melamed**

Comparison of Copper Oxide Dressings (COD) to Negative Pressure Wound Therapy (NPWT)  
Preliminary results of wound healing parameters in a randomized controlled trial

# Pediatrics

Session Coordinators:

Katarzyna Szawłoga & Elena Sztemberg



1st Place

Mateusz Piętak

Details and characteristics of pre-hospital pharmacotherapy of seizures in pediatric population

# Pharmacy

Session Coordinators:

Oliwia Wróblewska & Karolina Baracz

**1st Place**

**Katarzyna Kupniewska**

Quality evaluation of herbal products containing root of *Eleutherococcus senticosus*

**2nd Place**

**Aleksandra Michalak**

Effect of *Serpylli herba* extracts and their fractions on the inflammatory response of skin fibroblasts and wound healing in vitro



# Radiology

Session Coordinators:

Patryk Pindlowski & Magdalena Skudzińska

1st Place

Piotr Machowiec

The differences between the types of bicuspid aortic valve – retrospective study evaluated accompanying cardiovascular disorders and the presence of coronary artery stenosis using ECG-gated MDCT

# Radiology Case Report

1st Place

Anastasiia-Violetta Matsiievska

Diagnosis of liver trichinellosis using magnetic resonance imaging (case report)



# Surgery

Session Coordinators:

Zofia Głowniak & Michał Koprowski

**1st Place**

**Adrian Balcerzak**

Surgical analysis of aberrant hepatic arteries – cadaveric pilot study

**2nd Place**

**Piotr Roman Więckowski**

Low-cost laparoscopic simulator – viable way of enabling access to basic laparoscopic training for medical students?

# PhD Basic & Preclinical Science

Session Coordinators:

Paweł Tyrna & Aleksandra Kowalska



1st Place

Aleksandra Kusowska

CD37 as a molecular target for CAR-T cells against chronic lymphocytic leukemia

2nd Place ex aequo

Zuzanna M. Łuczak-Sobotkowska

Revealing genetic heterogeneity and morphological changes at single-cell level of microglia after depletion and repopulation

Joanna Madej

Role of RNF43 in Common Bile Duct Cancer

# PhD Clinical & Health Science

Session Coordinators:

Zofia Czartoryska & Katarzyna Mączka

1st Place

Michał Rząd

Congenital toxoplasmosis in Poland during 2007-2021: an epidemiological study based on a national hospital registry

2nd Place

Victoria Koval

IL-6 as a marker of lung complications in children with acute leukemia



# Emergency Case Report

Session Coordinators:

Łukasz Sęczyk & Bulganmaa Enebish

**1st Place**

**Aleksandra Barabasz**

Emergency decompression of cardiac tamponade following percutaneous coronary intervention-  
modified surgical approach

**2nd Place ex aequo**

**Michał Pałuchowski**

Coronary artery embolism - the root of an atypical Myocardial Infarction

**Paweł Siuciak**

Song of fire and ice - is it possible to survive with hemoglobin 1.7?

# Gynecological Case Report

Session Coordinators:

Aleksandra Śliwka & Weronika Fortuniak



1st Place

Emilia Piotrkowicz

Pregnancies after heart transplantation - a multidisciplinary challenge

2nd Place

Katarzyna Jurga

Herpes simplex encephalitis in pregnancy

3rd Place

Eryk Mikos

The Retrograde Vein Approach as new effective way of treatment – a case report

# Internal Case Report

Session Coordinators:

Wiktoria Niegowska & Monika Ryglewicz

**1st Place**

**Aleksander Gorzeń**

A case of atypical cardiac metastasis from malignant melanoma

**2nd Place**

**Mohamed Barakat**

Misdiagnosis of Alport syndrome and wrongful use of steroids for 20 years

**3rd Place**

**Katarzyna Stadnik**

Unusual localization of rare postoperative myokymia treated successfully with Botox injections – a case study



# Neurological Case Report

Session Coordinator:

Weronika Górska

## 1st Place

**Katarzyna Banasiak**

Wilson or Hakim? Neurological manifestation of Wilson's disease

## 2nd Place ex aequo

**Emilija Šlajūtė**

COVID-19-mediated autoimmune encephalitis

**Karolina Pendrasik**

Importance of psychiatric manifestation - case series of autoimmune encephalitis with anti-LGI-1 antibodies

## 3rd Place

**Krzysztof Bieliński**

Repeated Courses of Gamma Knife Radiosurgery – Potential Approach to Melanoma with Recurrent Brain Metastases

# Pediatric Case Report

Session Coordinators:

Maja Kaczan & Julia Petelska



## 1st Place ex aequo

**Ilona Koziol**

Pediatric patient with Down syndrome and classical Hodgkin lymphoma.

**Maciej Kalita**

Distal hereditary motor neuropathy associated with SIGMAR1 gene mutation.

## 2nd Place

**Magdalena Bukowska**

Agensis of inferior vena cava: an unusual anomaly

## 3rd Place

**Julia Białowąs**

Manifestation of anaplastic large cell lymphoma in the form of hemophagocytic lymphohistiocytosis in a 4-year-old girl

# Surgical Case Report

Session Coordinators:

Jakub Rochoń & Karolina Kowalczyk

1st Place ex aequo

Adrianna Pielech

EndoVAC dressings for a scro-rectal fistula resulting from Fournier's gangrene - case report

Magdalena Kleczkowska

The case report of immune related toxicities during immunotherapy of melanoma

2nd Place ex aequo

Mikołaj Lewandowski

Osteoarthritis of the CMC I joint - treatment with a novel endoprosthesis, a case report

Kamil Krauz

An anterior diaphragmatic hernia incidentally found during the coronary artery bypass graft surgery.

3rd Place

Paulina Kalman

An unusual combined liver-pancreas transplantation as a treatment for young woman with cystic fibrosis



# Cardiological Case Report

Session Coordinators:

Dorota Słupik & Aleksandra Reda

**1st Place**

**Małgorzata Blecharczyk**

Common aortic stenosis or rare cardiomyopathy?

**2nd Place**

**Wojciech Kubacki**

Asymptomatic giant popliteal artery aneurysm in a patient with Marfan syndrome

**3rd Place**

**Dominika Kondyjowska**

Takayasu Arteritis complicated by aortic valve regurgitation. A case report.

# Online Poster Session

Session Coordinators:

Karolina Puerto Cardozo & Aleksandra Serafin



## 1st Place

**Parmida Sadat Pezeshki**

7-year outcomes in diabetic patients after coronary artery bypass graft in a developing country

## 2nd Place

**Yevhenii Pryhodko**

Application of probiotic antiseptics for purulent complications in patients with type 2 diabetes mellitus

## 3rd Place

**Magdalena Ewa Mikołajewicz**

Women's awareness of the prevention of the oral mucosa and periodontium diseases before and during the pregnancy

# Plenary Session

Session Coordinators:

Emilia Włoszek & Bartosz Korzeb

## 1st Place

**Disha Keshwani**

Changes of ACE-2 related-miR-200b-3p expression over time is a predictive factor of long hospitalization for COVID-19: in silico, machine learning and validation analysis

## 2nd Place

**Adrian Balcerzak**

Surgical analysis of aberrant hepatic arteries – cadaveric pilot study

## 3rd Place

**Adrianna Maria Perzanowska**

Comparison of selected indicators of perinatal care in Poland and Zimbabwe with special focus on maternal mental health and neo-nate's birth status.

## 1st Distinction

**Mihály Székely**

The impact of protein arginine methyltransferase 5 mutations on carcinogenesis

**Anastasiia Shkvarok**

Assessment of the risk of developing cardiovascular complaints among Ukrainian students and situational anxiety level during the martial law





**CONGRATULATIONS!**

# Organizers



STN  
WUM



MEDICAL  
UNIVERSITY  
OF WARSAW



# SPONSORS AND PARTNERS



# NOVARTIS



# LEPOLEK

MEDUSES

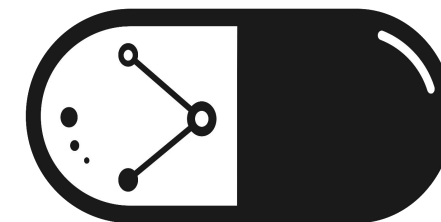


# mediway

MedPharm Polska

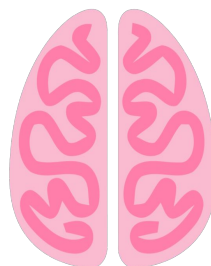


# MEDUSZEK



więcej niż LEK

medycyna praktyczna



EgzaminLEK.pl



# 18<sup>th</sup> WARSAW INTERNATIONAL MEDICAL CONGRESS

# HONORARY PATRONAGE



MEDICAL  
UNIVERSITY  
OF WARSAW



MEDICAL  
UNIVERSITY  
OF WARSAW

Deputy Rector for Science and  
Technology Transfer

Professor Piotr Pruszczyk, MD,  
PhD



MEDICAL  
UNIVERSITY  
OF WARSAW

Deputy Rector for Student Affairs  
and Education

Professor Marek Kuch, MD, PhD



MEDICAL  
UNIVERSITY  
OF WARSAW

Deputy Rector for HR

Professor Agnieszka Cudnoch-  
Jędrzejewska, MD, PhD



MEDICAL  
UNIVERSITY  
OF WARSAW

Deputy Rector for for Clinical  
Affairs and Investment

Professor Wojciech Lisik, MD, PhD



MEDICAL  
UNIVERSITY  
OF WARSAW

Deputy Rector for  
Internationalization,  
Development and Promotion

Professor Paweł Włodarski, MD,  
PhD

Rector of the Medical University of Warsaw  
Professor **Zbigniew Gaciong**, MD, PhD



WARSZAWSKI  
UNIwersYTET  
MEDYCZNY  
—  
WYDZIAŁ  
LEKARSKI

Dean of the Faculty of Medicine

Professor Rafał Krenke, MD, PhD



WARSZAWSKI  
UNIwersYTET  
MEDYCZNY  
—  
WYDZIAŁ  
FARMACEUTYCZNY

Dean of the Faculty of Pharmacy

Piotr Luliński, PhD



WARSZAWSKI  
UNIwersYTET  
MEDYCZNY  
—  
WYDZIAŁ NAUK  
O ZDROWIU

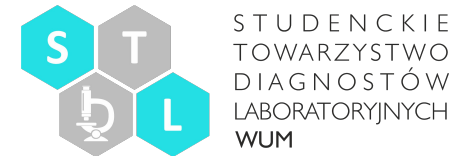
Dean of the Faculty of Health Sciences

Professor Mariusz Gujski, MD, PhD

**KRD**



# PATRONAGE



# 18th WARSAW INTERNATIONAL MEDICAL CONGRESS



# MEDIA PATRONAGE

medycyna **praktyczna**



**THANK YOU AND SEE  
YOU NEXT YEAR at  
19th WIMC**

**12-14th April 2024**



18th

WIMC

WARSAW INTERNATIONAL MEDICAL CONGRESS



18th WARSAW INTERNATIONAL MEDICAL CONGRESS