



**Kurator STN SUM
w Katowicach:**

Prof. dr hab. n. med.
Michał Holecki

Przewodnicząca:

Marianna Łoskot
e-mail:
marianna.loskot@gmail.com
tel. 508 464 438

Zastępcy:

Regina Wysocka
e-mail:
wysockaregina@gmail.com
tel. 783 492 878

Piotr Lewandowski
e-mail:
lewandop@icloud.com
tel. 519 407 591

Członkowie:

Aleksandra Mroskowiak

Patryk Kwapien

Paula Czado

Maria Stec

Maciej Kuś

Wiktoria Dąbrowski

Kinga Dobosz

Karol Krystek

Barbara Janota

Weronika Gwioździk

KONTAKT:

Adres:

ul. Poniatońskiego 15
40-055 Katowice

adres internetowy:

<http://stn.sum.edu.pl>

CONFERENCE SUMMARY

International Medical Congress of Silesia SIMC 2021 took place at 12-14th May 2021 in Katowice (conference organized online via Zoom and YouTube). The conference was organized by Students' Scientific Association of Medical University of Silesia, Polish Association of Dental Students and Doctoral Students' Government of Medical University of Silesia. At the conference there were presented 277 papers from 10 countries (detailed statistical information about participants – Attachment No. 1) and 79 papers have been awarded by Scientific Committee (list of laureates – Attachment No. 2). All papers have been oral presented.

In the behalf of Organizing Committee

Śląski Uniwersytet Medyczny w Katowicach
Studenckie Towarzystwo Naukowe
40-055 Katowice, ul. Poniatońskiego 15
(3)

ZASTĘPCA PRZEWODNICZĄCEJ
Studenckiego Towarzystwa Naukowego
Śląskiego Uniwersytetu Medycznego w Katowicach

Piotr Lewandowski

Vice-President of Students' Scientific
Association

Attachment No. 1: Distribution of first authors on International Medical Congress of Silesia SIMC 2021

Total number of presentations: 277

Distribution among countries:

Country	Number of papers
Poland	264
Latvia	4
Lithuania	2
Czechia	1
Bangladesh	1
Moldova	1
India	1
Bosnia and Herzegovina	1
Russia	1
Ukraine	1

Distribution among polish universities:

University	Number of papers
Śląski Uniwersytet Medyczny w Katowicach	213
Warszawski Uniwersytet Medyczny	12
Uniwersytet Jagielloński	10
Uniwersytet Rzeszowski	9
Uniwersytet Medyczny we Wrocławiu	5
Akademia Wychowania Fizycznego w Katowicach	4
Uniwersytet Opolski	3
Pomorski Uniwersytet Medyczny w Szczecinie	2
Uniwersytet Medyczny im. Karola Marcinkowskiego w Poznaniu	2
Politechnika Łódzka	1
Uniwersytet Medyczny w Białymstoku	1
Uniwersytet Medyczny w Lublinie	1
Wyższa Szkoła Techniczna w Katowicach	1

Attachment No. 2: List of Laureates of International Medical Congress of Silesia SIMC 2021

Session of Doctoral's Clinical Medicine

1st Place

Karolina Koziół, Anna Brzóska, Beata Kazek, Agnieszka Kampinos - Gorczyca, Agnieszka Babraj, Ewa Emich – Widera
Eating habits of Children with Autism during the first year of life

2nd Place

Zygmunt Gofron, Monika Kabała, Katarzyna Gibas
Antibiotic susceptibility of Clostridium spp. and spores occurrence in the hospital environment

3rd Place

Jakub Nastaj, Daria Nowak, Jacek Skalski, Sylwia Swoboda, Edyta Zbroja
Reproducibility of spatial summation of pain effect

Session of Doctoral's Scientific Medicine

1st Place

Karolina Beton, Beata Brożek-Płuska
Biochemical and nanomechanical analysis of normal and cancer cells of the human gastrointestinal tract supplemented with antioxidant and treated with ROS by Raman and AFM imaging

2nd Place

Mateusz Grabowski, Daniela Liśkiewicz, Arkadiusz Liśkiewicz, Konstancja Grabowska, Jarosław Barski
Palatable meal test as a way to show the nutritional behavior in mice fed with ketogenic diet – preliminary results

3rd Place

Konstancja Grabowska, Natalia Pondel, Marta Nowacka-Chmielewska, Daniela Liśkiewicz, Jarosław Barski
Effect of simultaneous exposition to western diet and wheel running on the mitochondrial metabolic proteins in the frontal cortex and hippocampus of female rats.

Session of Anesthesiology, Intensive Care and Emergency Medicine

1st Place

Zbigniew Putowski, Karol Gruca
Therapeutic plasma exchange as a rescue therapy for severe COVID-19: a case series.

2nd Place

Kamil Witosz, Olga Wojnarowicz
Iatrogenic blood loss due to daily laboratory testing and the risk of subsequent anaemia in intensive care unit patients: case series

3rd Place

Zbigniew Putowski
High intraoperative pulse pressure and its relationship with postoperative organ injury in a cohort of abdominal surgery patients

Session of Basic Sciences

1st Place

Tomasz Techmański, Monika Szoltysik, Bartosz Stanek, Wiktoria Sobol, Maja Hasterok
Biochemical aspect of obesity paradox in patients with non-ischaemic dilated cardiomyopathy (NIDCM). The role of leptin, adiponectin and TNFR1, TNFR2 receptors

2nd Place

Agnieszka Brzezińska, Marlena Zając, Monika Borowiecka
Does antagonist and agonists of CB2R affect microarchitecture of stomach?- preliminary study

3rd Place

Anna Gil
Assessment of ovarian reserve in the animal model of anorexia nervosa.

Session of COVID-19 I

1st Place

Jakub Szczerba, Alicja Poloczek, Maciej Poniedziałek, Łukasz Białek, Dariusz Krawczyk
Continuous temperature monitoring system for persons in quarantine and hospitalized patient

2nd Place

Julia Osińska, Monika Homa
Fungal coinfections in severe COVID-19

3rd Place

Zbigniew Putowski, Katarzyna Megger
Therapeutic plasma exchange as a successful therapy for severe COVID-19: a case report.

Session of COVID-19 II

1st Place

Alicja Wojtyniak, Ada Sterczewska
Ocular complaints from students during COVID-19 pandemic

Monika Saczyńska, Natalia Sajdak
Ocular manifestations in patients with COVID-19.

2nd Place

Aleksandra Krawczyk, Aleksandra Surmacz, Aleksandra Stopa
Assessment of stress levels among dental students at Jagiellonian University Medical College during the Covid-19 pandemic

Alicja Jodczyk, Przemysław Kasiak
How physically active were Polish university students during COVID-19 pandemic?

3rd Place

Nicola Dyrek, Agnieszka Wikarek, Małgorzata Niemiec
The evaluation of e-learning at medical universities in Poland by students during the SARSCoV- 2 pandemic

Session of Dermatology and Allergology

1st Place

Stanisław Anczyk, Maciej Stępień, Michał Raczyński, Maja Woźniakowska
Influence of the usage of respiratory protection measures on the condition of acne-prone skin

2nd Place

Oliwia Warmusz, Magdalena Zając, Gracja Ryznar, Piotr Lewandowski
Tissue Hemostasis is Shifted Toward Thrombogenesis in the psoriatic plaques

3rd Place

Szymon Mućka, Magdalena Mróz, Martyna Miodońska
Effect of the SARS-CoV-2 infection on the progression of atopic dermatitis

Session of Dietetics and Nutrition

1st Place

Michał Tworek, Agnieszka Wikarek, Paulina Kosińska, Ewa Łapczyńska, Jakub Maciurzyński
“Superfoods” and dietary supplements during COVID-19 pandemic: what we believe in and how accurate it is

2nd Place

Magdalena Nowak, Zuzanna Olejarz
Gluten is everywhere. Pediatric patients with celiac disease and their families’s knowledge about gluten-free diet

3rd Place

Marika Wlazło, Barbara Janota, Martyna Czapla, Kamil Mąkosza, Natalia Zięba
Eating habits of adolescents with normal and abnormal body weight

Session of Gynecology and Obstetrics

1st Place

Karolina Gasz, Karolina Czarnecka
Why do Polish Women choose hormonal contraception? - a Cross-Sectional Study

2nd Place

Elīna Mīkstā
Impact of vaginal dryness on postmenopausal women

3rd Place

Marcin Mycyk, Karolina Nowak, Anna Naleśnik, Zuzanna Olejarz, Karolina Nawrotek
The menstrual cycle at the time of the plague

Session of Internal Medicine I

1st Place

Adam Borek, Franciszek Drzymala
Characterization of Clostridioides difficile hospital outbreak in 33 beds Internal Ward of district hospital, Southern Silesia

2nd Place

Małgorzata Grabarczyk, Marta Gorczyca, Paulina Kosińska, Katarzyna Klimek
Assessment of bone metabolism and the risk of bone fractures in obese men

3rd Place

Natalia Oukal, Katarzyna Słupińska-Borówka, Aleksandra Gładyś, Maciej Gucwa, Agnieszka Stępińska,
Wiktoria Strona
The impact of cancer-related pain on patients' daily living

Session of Internal Medicine II

1st Place

Stanisław Surma
Hyponatremia induced by thiazide and thiazide-like diuretics

2nd Place

Sylvia Kozak, Aleksandra Gładyś
Kaposi's sarcoma without cutaneous involvement after kidney transplant.

3rd Place

Karolina Janiec-Rojek, Karolina Baranowska, Karolina Jakubowska
The helplessness of modern medicine: adenoid cystic lung cancer

Session of Invasive Cardiology and Cardiothoracic Surgery

1st Place

Sofija Antoniuk, Tomasz Gołębski, Grzegorz Wypych, Marek Zielonka, Oliwia Okoń, Aleksandra Nowak
Repeated dose of contrast media and the risk of contrast-induced acute kidney injury in a broad population
of patients hospitalized in cardiology department

2nd Place

Natalia Tomecka, Maciej Pękała
An in vitro model for comparison of aspiration catheter efficacy

3rd Place

Andrzej Szydłowski, Anna Szydłowska, Alicja Gałeczka
A Long-Term Observative Evaluation of Therapeutic Efficacy Of Tof Total Repair Depending On The
Material Used In Rvot Reconstruction

Session of Neonatology and Pediatrics

1st Place

Alicja Wojtyniak, Karolina Trzaska, Natalia Ogarek, Barbara Pindur,
Nutritional status and eating habits of children with cystic fibrosis (CF)- one centre study.

2nd Place

Aleksandra Mroskowiak, Julia Strózik, Anna Wilk
The microflora assessment of the urethra area of children with newly diagnosed type 1 diabetes

Aleksandra Stefanik, Michał Widuch
Parental awareness of ophthalmic complications of prematurity

3rd Place

Kinga Szopińska, Karolina Tracz

From resistance to thyroid hormone to a foreign body in the stomach - a case report of 12,5-year-old girl with trichobezoar.

Session of Neurology and Neurosurgery

1st Place

Sofija Antoniuk, Natalia Rachfalska, Oliwia Okoń, Aleksandra Nowak

The influence of seasonality, vitamin D supplementation and other extrinsic factors on relapse occurrence in patients with relapsing-remitting type of multiple sclerosis

2nd Place

Łukasz Antkowiak, Piotr Stogowski, Hubert Mado, Michalina Rucińska, Zuzanna Nowaczyk

Short and long-term outcomes in symptomatic Chiari malformation I patients undergoing posterior fossa decompression and duraplasty with or without tonsillectomy and evaluation of postoperative outcomes predictors: a multicenter retrospective study

3rd Place

Karolina Jakubowska, Karolina Janiec-Rojek, Karolina Baranowska

The silent executioner – the case study of rhabdoid meningioma

Session of Non-invasive Cardiology I

1st Place

Sugarmaa Baasansuren, Aneta Zimoląg, Magdalena Balwierz, Andrzej Halfar, Miłosz Cempa

Evaluation of the pharmacotherapeutic impact on contractility recovery in patients with newly diagnosed, acute-onset dilated cardiomyopathy

2nd Place

Konrad Klocek, Katarzyna Klimek, Michał Tworek, Maciej Zwolski, Dominik Bendkowski

Efficacy of electrical cardioversion in relation to occurrence and type of functional mitral regurgitation in patients with atrial fibrillation

3rd Place

Aleksandra Gamrat

The Peguero-Lo Presti electrocardiographic criterion – a useful tool for detecting left ventricular hypertrophy in severe aortic stenosis

Session of Non-invasive Cardiology II

1st Place

Tomasz Klocek, Magdalena Drewnowska, Karolina Jakubowska, Mateusz Gochowski

Prevalence of Obstructive Sleep Apnea in patients with Pulmonary Arterial Hypertension.

2nd Place

Karolina Jakubowska, Dominika Dziadosz, Dominik Kiełb, Tomasz Klocek, Magdalena Drewnowska, Michał Skulik

CHA2DS2-VASc score - new fortuneteller for NSTEMI patients?

3rd Place

Maria Stec, Daniel Gondko, Marta Gorczyca, Adam Grzebinoga, Jakub Roman, Agata Suleja

Acute myocardial infarction in COVID-19 and non-COVID-19 patients

Session of Physiotherapy and Orthopedics

1st Place

Tomasz Król, Jakub Drąg, Adam Smolik, Tomasz Włoch

Comparison of postsurgical complications after total hip and knee arthroplasty in relation to preoperative assessment of health.

2nd Place

Maciej Kuś, Mikołaj Horodecki, Kamil Bańkowski

Impact of Vibration Training on chosen stabilometric parameters in young women and men - pilot study

3rd Place

Kinga Kluska, Elżbieta Ferenc, Joanna Dudek

„Somewhere on the top of the mountain, we'll all meet together one day...” Mountain sports motives and experiences: running and climbing

Kinga Kluska, Elżbieta Ferenc, Joanna Dudek

"High mountains, what do you fight with you punishes..." - themes for mountain sports: running and climbing

Session of Psychiatry and Sexology

1st Place

Daria Kozina

Quality of life including the sexual life of those staying in prisons

2nd Place

Patryk Głowczyński

Assessment of knowledge and beliefs concerning mental disorders among medical students - preliminary report.

3rd Place

Anna Gogoła, Agnieszka Goryczka

The relationship between the Dark Triad and the occurrence of anxiety and depression within society during the pandemic

Session of Public Health and Healthcare

1st Place

Barbara Lew

Close look at medical students – basic ophthalmic knowledge and its use verified by the last year's academic online lecturing

Natalia Tekieła, Marcin Cholewa, Karolina Piskorowska, Paulina Rutecka

Awareness of high school students about HPV and cervical cancer

2nd Place

Karol Krystek, Kamila Kuśpiel, Katarzyna Maciejowska

Patients' awareness about substances causing Photosensitization phenomenon

3rd Place

Patrycja Rozwadowska, Kamila Dubaj, Wojciech Dubaj, Adrianna Sękowska, Anna Trybus

Does more knowledge mean less fear? Study of knowledge and attitude towards prenatal screening among Polish women.

Session of Public Health and Healthcare II

1st Place

Magdalena Nowak, Karolina Nowak, Maria Nieć
Children of the Screens Generation

2nd Place

Marta Oleksa, Aleksandra Spień, Dawid Wiśniewski
Red blood cell transfusion practice in a single institution in Poland – is there room for improvement?

Mateusz Szymała, Dominika Marszałek, Patrycja Krakowska, Daniel Tałajczy, Paula Próźna
Eating preferences and habits of people with morning and evening chronotype

3rd Place

Ashish Paul
Socio-economic condition, lifestyle, occupational Behavior of the sanitation worker in the selected area of old Dhaka city, Bangladesh

Session of Radiology, Radiodiagnostics and Nuclear Medicine

1st Place

Madara Ratniece
MRI T2 and quantitative DWI-ADC imaging in local colorectal cancer staging and evaluation of therapy response

2nd Place

Emilia Chruściel, Anna Lis, Iga Paszkiewicz, Jakub Kufel, Piotr Mazurek, Szymon Adamski
Deep learning for detection of artefacts on chest X- ray image

3rd Place

Kacper Lipiński, Aleksandra Królikowska
Anatomical variations of celiac trunk and hepatic arteries

Session of Stomatology

1st Place

Ewelina Dąbrowska, Damian Gruza
The comparison of occlusal patterns and malocclusion disharmonies between children with Down Syndrome and healthy children

2nd Place

Aleksandra Dykcik, Gabriela Zdrojewska, Bartosz Dalewski, Łukasz Pałka, Ewa Sobolewska
Relevance of Cone Beam Computed Tomography craniocervical and sagittal condylar guidance angle measurements among patients who reported breathing-related sleep disorders

Łucja Kula, Julita Kalinowska
Endodontic treatment regimens and their application in practice survey and comparative study

3rd Place

Oliwia Warmusz, Karol Panasewicz
The using of biphasic calcium sulphate in two-stage treatment of dentigerous cyst in the mandible - case report

Session of Surgical Specialities I

1st Place

Andrzej Rak, Przemysław Rodzik, Adam Salwa

High neutrophil-to-lymphocyte ratio (NLR) as a prognostic factor of postoperative complications following distal pancreatectomy

2nd Place

Izabela Karpińska, Gabriela Kanclerz, Nina Skalska-Dziobek, Jakub Strojek

Bariatric Surgery Index for Complications: its predictive accuracy and usefulness in clinical practice.

3rd Place

Karolina Majewska

Transduodenal ampullectomy for tumors of the ampulla of Vater - single center experience

Session of Surgical Specialities II

1st Place

Emilia Mandalka, Agnieszka Adamiec, Hanna Dańków

Keratoconus - symptoms, age of detection and treatment, questionnaire study.

2nd Place

Klaudyna Bugła, Katarzyna Klimek, Piotr Skut, Michał Tworek

Corona phlebectatica – epidemiology and pathogenesis in young population

3rd Place

Marta Gromada, Julia Graca, Paweł Gruchalski

Is there any link between chronic venous disease symptoms and hormonal contraception?