

Conference Schedule

HUMANITIES SCIENCES SESSION

On-line Presentations

- 09:50 – 10:00 **Opening the session and discussing technical matters**
- 1 10:00 – 10:10 **ADRIAN BADZIO**
(The John Paul II Catholic University of Lublin)
POWERS OF THE STATE WATER HOLDING POLISH WATERS TO SET TARIFFS FOR COLLECTIVE WATER SUPPLY AND SEWAGE DISPOSAL
- 2 10:10 – 10:20 **NATALIA BRZEZIŃSKA**
(The Maria Curie-Skłodowska University in Lublin)
YOUNG RESEARCHERS IN THE CONTEXT OF OBSTACLES TO PUBLISHING AN ARTICLE
- 3 10:20 – 10:30 **PAWEŁ BUDA**
(Pedagogical University of Krakow)
THE DIDACTIC DIMENSION OF THE CRACOW FORTRESS – A LESSON PROPOSAL FOR PRIMARY SCHOOL PUPILS
- 4 10:30 – 10:40 **PAWEŁ STOKŁOSA**
(Jagiellonian University in Cracow)
SIGNIFICANCE AND EVOLUTION OF UNCERTAINTY IN ECONOMICS (ENG)
- 5 10:40 – 10:50 **AGNIESZKA WITKOWSKA**
(Adam Mickiewicz University Poznań)
METRICAL BOOKS AS A SOURCE FOR RESEARCH INTO THE HISTORY OF THE JEWISH COMMUNITY IN DOBRZYŃ NAD WISŁĄ (1826–1938)

Presentations

- 1 **AGNIESZKA CHOJNACKA**
(DSW University of Lower Silesia)
GRIEF COUNSELING
- 2 **KATARZYNA HAŁAS**
(The Maria Curie Skłodowska University in Lublin)
IN WHAT DIRECTION IS E-LEARNING GOING? ANALYSIS OF E-LEARNING TRENDS ON THE BASIS OF STUDENTS' OPINIONS
- 3 **KATARZYNA JANKOWSKA**
(University of Warmia and Mazury in Olsztyn)
PSYCHOTHERAPY AS A FORM OF TREATMENT – IS IT EFFECTIVE?
- 4 **KATARZYNA JANKOWSKA**
(University of Warmia and Mazury in Olsztyn)
DISSOCIATIVE IDENTITY DISORDER – AN INTRODUCTION TO THE TOPIC OF MULTIPLE PERSONALITY DISORDER
- 5 **EWA ŁAPIŃSKA**
(University of Białystok)
THE ROLE OF A WILL IN POLISH INHERITANCE LAW

Posters

- 1 **MARIA CZUBAK**
(*The Maria Grzegorzewska University in Warsaw*)
EDUCATION? INTO THE WOODS!
- 2 **MARIA CZUBAK**
(*The Maria Grzegorzewska University in Warsaw*)
ADVENTURE – A VALUE IN ITSELF
- 3 **DOMINIKA ŁUKOWSKA**
(*Jan Grodek State University in Sanok*)
CYBERSECURITY
- 4 **ŁUKASZ PARTYKA**
(*SWPS University of Social Sciences and Humanities*)
CONSEQUENCES OF INJURY AMONG PROFESSIONAL CYCLISTS: THE IMPACT OF POST-TRAUMATIC STRESS DISORDER ON MOTIVATION
- 5 **MARTA SZCZERSKA**
(*Gdansk Univeristy of Technology*)
LEARNING AND WORKING REMOTELY IN THE COVID-19 PANDEMIC. A SURVEY OF STUDENTS' OPINIONS ON THEIR SELF-ASSESSMENT OF THEIR PREPARATION FOR WORK (*ENG*)

MEDICAL SCIENCES SESSION

On-line Presentations

- 09:50 – 10:00 **Opening the session and discussing technical matters**
- 1 10:00 – 10:10 **GABRIELA BABIARZ**
(*Medical University of Lublin, Lublin, Poland*)
FECAL MICROBIOTA TRANSPLANTATION – WHAT DO WE KNOW ABOUT IT?
 - 2 10:10 – 10:20 **PATRYCJA PODOBIŃSKA WOJCIECH BACHOWSKI**
(*Cracow University of Technology*)
SONOCHEMICAL SYNTHESIS OF PHTALIMIDE/NAPHTHALIMIDE N-ALKYLPIPERAZINES DERIVATIVES AND EVALUATION OF THEIR ANTICANCER POTENTIAL
 - 3 10:20 – 10:30 **MICHAŁ BYSTRAM**
(*Medical University of Gdańsk*)
COMPETENCE DEVELOPMENT OF GDANSK MEDICAL UNIVERSITY STUDENTS
 - 4 10:30 – 10:40 **MONIKA DZIEDZIC**
(*Specialist Hospital Ludwik Rydygier in Krakow*)
BREAST CANCER-DIAGNOSTICS, PREVENTION, TREATMENT AND PHYSIOTHERAPY
 - 5 10:40 – 10:50 **PATRYCJA MŚCIWUJEWSKA**
(*Academy of Applied Sciences in Tarnów*)
SUDDEN INFANT DEATH SYNDROME
 - 6 10:50 – 11:00 **JAKUB SADOWSKI**
(*University of Opole*)
HYPERTENSION AND COGNITIVE IMPAIRMENT WITH CONSIDERATION OF NATRIURETIC PEPTIDE EFFECTS
 - 7 11:00 – 11:10 **JULIA ZIEMIŃSKA**
(*Medical University of Lublin*)
PASTEURILLOSIS- BACTERIAL DISEASE WITH ZOONOTIC POTENTIAL

Presentations

- 1 **MARTA BIEŃ**
(Medical University of Gdansk)
ROUTINE X-RAY IMAGING: AN INDISPENSABLE ELEMENT OF PATIENT EXAMINATION
- 2 **MICHAŁ CZACHAJDA**
(Medical University of Lublin)
THE ROLE OF THE GUT MICROBIOME IN THE PATHOGENESIS OF COLORECTAL CANCER
- 3 **JUSTYNA DZIEDZIC**
(The Maria Curie-Skłodowska University in Lublin)
PROSPECTS FOR USING MIRNAS IN CANCER DIAGNOSIS AND TREATMENT
- 4 **SZYMON GALAS**
(The Eugeniusz Piasecki Academy of Physical Education in Poznań)
AND SPEED TT SKILLS AND SERVICE IN TABLE TENNIS BY SHENG K WU – LITERATURE REVIEW
- 5 **WOJCIECH KAZURA**
(Medical University of Silesia, Katowice)
THE INFLUENCE OF DUODENAL-JEJUNAL OMEGA SWITCH SURGERY AND VARIOUS NUTRITIONAL PATTERNS ON SELECTED PARAMETERS OF OXIDATIVE STRESS IN SERUM OF RATS WITH DIET-INDUCED OBESITY (ENG)
- 6 **MONIKA KUŚMIERZ-WOJTASIK**
(Pomeranian Medical University)
INFLUENCE OF PTERYGIUM REMOVAL SURGERY ON CORNEAL PARAMETERS CHANGE
- 7 **KATARZYNA MAŃKA-MALARA**
(Medical University of Warsaw)
DISINFECTION AND ISOTONIC DRINKS' INFLUENCE ON HARDNESS AND COLOR STABILITY OF ETHYLENE-VINYL-ACETATE COPOLYMER MOUTHGUARDS USED IN MARTIAL ARTS: AN IN VITRO STUDY
- 8 **KATARZYNA MAŃKA-MALARA,**
(Medical University of Warsaw)
DIMENSIONS OF HYBRID AND NANOHYBRID MOUTHGUARDS FOR MIXED MARTIAL ARTS FIGHTERS– EVALUATION OF A NEW METHOD OF FABRICATION
- 9 **ALICJA PALUCH**
(Medical University of Lublin)
NUTRITIONAL MANAGEMENT OF CANCER
- 10 **ALICJA PALUCH**
(Medical University of Lublin)
STATES PRE-CANCEROUS OF THE SKIN
- 11 **SZYMON SIATKOWSKI**
(The Jerzy Kukuczka Physical Academy in Katowice)
EVALUATION OF QUALITY OF LIFE AND NUTRITION IN PATIENTS WITH ISCHEMIC HEART DISEASE (ENG)
- 12 **PATRYCJA TALARSKA-MARKIEWICZ**
(Poznan University of Medical Sciences)
THE INFLUENCE OF GOLD NANOPARTICLES ON OXIDATIVE STRESS IN WHOLE BLOOD CELLS
- 13 **BARTOSZ TWAROWSKI**
(Medical University of Lublin)
METHODS OF TREATING INFLAMMATION IN ALZHEIMER'S DISEASE
- 14 **NATALIA WACEK**
(University of Jan Kochanowski in Kielce, Collegium Medicum)
PHYSICAL FITNESS ASSESSMENT METHODS
- 15 **MAGDALENA WIECZOREK**
(Public Clinical Hospital of the Medical University of Silesia in Katowice)
PRIMARY AND SECONDARY PREVENTION OF HEAD AND NECK CANCER – LITERATURE REVIEW

Posters

- 1 **MARTA BIEN**
(*Medical University of Gdansk*)
NEW METHOD OF TREATING CONDYLAR FRACTURES ASSISTED BY ENDOSCOPE
- 2 **JOANNA KUBICA**
(*Pomeranian Medical University in Szczecin*)
EXOGENOUS LAMPS AND THEIR IMPACT ON HUMAN HEALTH (ENG)
- 3 **ANNA MROCZEK-BALABUSZEK**
(*Medical University of Lublin*)
MLPA METHOD – BENEFITS, LIMITATIONS AND APPLICATION IN PEDIATRIC HEMATOLOGY (ENG)
- 4 **ILONA NOWAK**
(*Medical University of Silesia in Katowice*)
STEM CELLS IN THE TREATMENT OF INFERTILITY
- 5 **AGNIESZKA SKIBSKA**
(*Medical University of Lodz*)
ENDOMORPHIN ANALOGS AS SUBSTANCES WITH NEUROPROTECTIVE ACTIVITY
- 6 **ANASTASIIA TESLIUK**
(*The Maria Curie-Skłodowska University in Lublin*)
MOLECULAR ASPECTS OF BIPOLAR DISORDER: AKAP11 CONTRIBUTION TO THE DEVELOPMENT OF THE DISORDER (ENG)
- 7 **MAGDALENA WIECZOREK**
(*Public Clinical Hospital of the Medical University of Silesia in Katowice*)
QUALITY OF LIFE AFTER MAXILLOFACIAL SURGERIES
- 8 **ADRIANNA WITCZYŃSKA**
(*Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń*)
CORRELATION BETWEEN ANTIDYSRHYTHMIC DRUGS AN OSTEOARTHRITIS IN SILICO RESEARCH (ENG)

TECHNICAL AND NATURAL SCIENCES SESSION

On-line Presentations

- 11:20 – 11:30 **Opening the Session and discussing technical matters**
- 1 11:30 – 11:40 **AGNIESZKA BAJER**
(*Adam Mickiewicz University*)
THE USE OF AMBIDENT LIGANDS IN THE FORMATION OF METALLOLIGANDS
 - 2 11:40 – 11:50 **MATEUSZ JAMROŹY**
(*Cracow University of Technology*)
PVP-BASED HYDROGELS CONTAINING ROYAL JELLY FOR BIOMEDICAL APPLICATIONS
 - 3 11:50 – 12:00 **JOWITA PAKOWSKA**
(*University of Lodz*)
FERROPTOSIS – NEWLY DISCOVERED CELL DEATH
 - 4 12:00 – 12:10 **OLGA SZYMANIEC**
(*University of Lodz*)
THE OPTIMIZATION OF THE SURFACE ACTIVATION PROCESS FOR 3D PRINTED WORKING ELECTRODES

Presentations

- 1 **ANGELIKA BANASZAK**
(*University of Wrocław*)
CHEMICAL COMPOSITION AND THERAPEUTIC EFFECT OF PLANTAGO MAJOR L. EXTRACTS

**National Scientific Conference
„Science and Young Researchers”
VII edition
June 03, 2023**



- 2 **KAROLINA BŁASZCZYK**
(*University of Science and Technology in Bydgoszcz*)
ALTERNATIVE GENOTYPES OF BARLEY AS A SOURCE OF HEALTH-PROMOTING SUBSTANCES (ENG)
- 3 **IZABELA GAGO**
(*Maritime University of Szczecin*)
APPLICATION OF COGNITIVE NEUROSCIENCE TECHNIQUES IN THE STUDY OF STRESS AMONG MARITIME NAVIGATORS
- 4 **WERONIKA GIEDROJĆ**
(*University of Warmia and Mazury in Olsztyn*)
THE EFFECT OF SEED DRESSING ON THE HEALTH STATUS OF DURUM WHEAT KERNELS
- 5 **SANDRA GRABA**
(*The Maria Curie-Skłodowska University in Lublin*)
APPLICATION OF MICROBIAL BIOPOLYMERS IN VARIOUS INDUSTRIES
- 6 **EWELINA KRUSZCZYŃSKA**
(*The Maria Curie-Skłodowska University in Lublin*)
STUDY OF CHANGES IN ATMOSPHERIC CARBON DIOXIDE CONCENTRATION IN TEACHING ROOMS DURING UNIVERSITY CLASSES
- 7 **ALEKSANDRA RĄCZKA**
(*West Pomeranian University of Technology*)
INTERACTIONS OF SELECTED GENES AND RESISTANCE TO MASTITIS IN BLACK AND WHITE HOLSTEIN COWS (ENG)
- 8 **SZYMON SOBIERAJ**
(*Maritime University of Szczecin*)
APPLICATION OF ARTIFICIAL INTELLIGENCE IN MEDICINE
- 9 **DOMINIKA STYPUŁA**
(*University of Agriculture in Krakow*)
7-AMINO-4-(TRIFLUOROMETHYL)COUMARIN DERIVATIVES AS FLUORESCENT BEVERAGES ADDITIVES AND THEIR EFFECT ON MICROBIOLOGICAL STABILITY
- 10 **KAMIL SZOT**
(*Maritime University of Szczecin*)
THE INFLUENCE OF ARTIFICIAL INTELLIGENCE ON EDUCATION BASED ON CHATGPT
- 11 **MAGDALENA ŚPIEWAK**
(*West Pomeranian University of Technology in Szczecin*)
EFFECT OF SINGLE NUCLEOTIDE POLYMORPHISMS IN THE SLC35A2 GENE ON MASTITIS RESISTANCE IN POLISH HOLSTEIN-FRIESIAN CATTLE (ENG)

Posters

- 1 **AGNIESZKA BAJER**
(*Adam Mickiewicz University*)
APPLICATION OF AMBIDENT LIGANDS AND PD²⁺ METAL IONS IN THE FORMATION OF NEW COORDINATION CAGES
- 2 **AGATA BARAN**
(*Military University of Technology*)
AN ATTEMPT OF MG₂FEH₆ HYDRIDE SYNTHESIS BY THE HIGH TEMPERATURE HIGH PRESSURE REACTIVE BALL MILLING (ENG)
- 3 **MALGORZATA DRZEWIECKA**
(*University of Lodz*)
U-87 MG GLIOBLASTOMA CELL LINE RESPONSE TO DNA DOUBLE STRAND BREAK REPAIR
- 4 **KATARZYNA GDULA**
(*University of Maria Curie-Skłodowska*)
ADAPTIVE MECHANISMS OF EXTREMOPHILES

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- 5 **MATEUSZ JAMROŻY**
(*Cracow University of Technology*)
INVESTIGATING THE PROPERTIES OF PVP-BASED HYDROGELS WITH ADDED ROYAL JELLY
- 6 **NATALIA JASZEK**
(*The Maria Curie-Skłodowska University in Lublin*)
CHARACTERIZATION OF THE ORGANISM THERMOMYCES LANUGINOSUS AND PROSPECTS FOR ITS INDUSTRIAL USE
- 7 **WIKTORIA JĘDRYS**
(*The Maria Curie-Skłodowska University in Lublin*)
EFFECTS OF MICROPLASTICS ON AQUATIC ORGANISMS
- 8 **AMANDA LEDA**
(*Poznań University of Technology*)
ELECTROCHEMICAL PROPERTIES OF AN ELECTRODE MODIFIED WITH MULTI-WALLED CARBON NANOTUBES AND AN IRON-METALATED SULFANYLPORPHYRAZINE DERIVATIVE (ENG)
- 9 **NATALIA MACIEJCZYK**
(*The Maria Curie-Skłodowska University in Lublin*)
USING CRISPR/CAS9 TECHNOLOGY TO RESEARCH CANCER GENETICS AND DEVELOP NEW THERAPIES
- 10 **EDYTA MAŁACHOWSKA**
(*Natural Fibers Advanced Technologies; Warsaw University of Life Sciences – SGGW*)
THE UTILITY OF X-RAY FLUORESCENCE SPECTROSCOPY AS A TOOL FOR MONITORING RASTER ROLLER DAMAGE (ENG)
- 11 **TYMOTEUSZ MATERA**
(*University of Lodz*)
INVERTEBRATE ASSEMBLAGES IN MOSS MICROHABITATS IN A NATURAL LOWLAND RIVER
- 12 **MACIEJ MAZUR**
(*AWEKO Polska Appliance Sp. z. o. o; Silesian University of Technology*)
HEAT BALANCE IMPROVEMENT ANALYSIS FOR DISHWASHERS
- 13 **DOMINIKA NYLEC**
(*Tadeusz Kosciuszko Cracow University of Technology*)
BIOREMEDIATION OF HEAVY METALS USING IMMOBILIZED YEAST CELLS
- 14 **JUSTYNA PROSZEK**
(*Tadeusz Kosciuszko Cracow University of Technology*)
CYTOTOXICITY OF PEROVSKITE QUANTUM DOTS (ENG)
- 15 **MARIA SIMPSON**
(*Poznan University of Technology (PUT)*)
THE EFFECT OF MICROPLASTICS ON THE SORPTION OF SELECTED IONIC LIQUIDS IN THE ENVIRONMENT (ENG)
- 16 **BEATA SZRENIAWA**
(*Cracow University of Technology*)
PRINTING OF METALLIC NANOPARTICLES-APPLICATION POSSIBILITIES
- 17 **ANGELIKA TLAŁKA**
(*University of Silesia*)
SYNTHESIS, THERMAL AND PHOTOPHYSICAL PROPERTIES OF INNOVATIVE DERIVATIVES OF BENZO[GHI]PERYLENE TRIIMIDE