



Conference Schedule

HUMANITIES SCIENCES SESSION

On-line Presentations

- 09:50 – 10:00 **Opening the Session and discussing technical matters**
- 1 10:00 – 10:10 **AMADEUSZ LIS**
(*University of Opole*)
THE BIOLINGUISTIC FOUNDATIONS OF THE MINIMALIST PROGRAM (ENG)
- 2 10:10 – 10:20 **WERONIKA NIECIECKA**
(*SWPS University of Social Sciences and Humanities in Warsaw*)
THE NEUROBIOLOGY OF LUCID DREAMING

Presentations

- 1 **EWA FICEK**
(*University of Silesia in Katowice*)
"COVIDIANIE, ZASYFIONKOWANI, Hycle Z TESTAMI." FIGURE OF THE OTHER/ENEMY IN THE DISCOURSE OF COVID-19 VACCINATION SCEPTICS
- 2 **ALBERT GUZIAK**
(*University of Warsaw*)
POPULIST DISCOURSE IN THE USA – HISTORICAL BACKGROUND (ENG)
- 3 **KATARZYNA HAŁAS**
(*Maria Curie-Skłodowska University*)
PROFILE OF AN EXEMPLARY ACADEMIC TEACHER (ENG)
- 4 **WERONIKA KOSMALSKA**
(*University of Adam Mickiewicz in Poznań*)
SYNTACTIC STUDIES OF SELECTED POLISH LEGAL ACTS (ENG)
- 5 **MAGDALENA KROPIWNICKA**
(*University of Białystok*)
EFFECTS OF FAST FASHION TRENDS ON INDUSTRIAL DESIGNS (ENG)
- 6 **NATALIA ŁANIECKA**
(*Adam Mickiewicz University in Poznań*)
"WINNIE-THE-POOH" BY A. A. MILNE IN TWO POLISH TRANSLATIONS
- 7 **EWA ŁAPIŃSKA**
(*University of Białystok*)
THE TESTATOR'S CHILDLESSNESS AS A CIRCUMSTANCES INFLUENCING THE SHAPE OF THE STATUTORY ORDER OF SUCCESSION
- 8 **IWONA MICHAŁOWSKA**
(*Poznań University of Technology*)
SCIENTOMETRIC ANALYSIS – STUDENT ORGANIZATION MANAGEMENT MODEL
- 9 **MONIKA NIEDŹWIECKA**
(*The University of Szczecin*)
THE PHENOMENON OF JUVENILE DELINQUENCY IN POLAND IN THE YEARS 2010-2020
- 10 **KACPER PELCZARSKI**
(*University of Wrocław*)
THE UPPER PALAEOLITHIC MUSICAL INSTRUMENTS



- 11 **NATALIA PENDZIALEK**
(*University of Silesia in Katowice*)
A "UNIQUE RELATIONSHIP" – CHILD GROOMING
- 12 **ANNA PYCH**
(*State Higher Vocational School in Nowy Sącz*)
PROBLEMS WITH LEARNING FOREIGN LANGUAGES CAUSED BY REMOTE LEARNING (ENG)
- 13 **MONIKA STRZELECKA**
(*Catholic University of Lublin*)
THE RELATIONSHIP OF IDENTITY TO SELF-EFFICACY BELIEFS
- 14 **JERZY FRYDERYK WOJCIECHOWSKI**
(*Adam Mickiewicz University, University of Zielona Góra, Poznań University of Physical Education*)
"CHORALE IN HONOR OF SAINT BLAISE" BY EWA FABIAŃSKA-JELIŃSKA AS A WORK THAT IMPLEMENTS THE AUGUSTINIAN-BOETIAN MUSICAL IDEAS
- 15 **TOMASZ WOJSZ**
(*University of Białystok*)
OCCUPATIONAL HEALTH AND SAFETY ON THE BASIS OF LABOR LAW. PRINCIPLES IN PRACTICE
- 16 **WERONIKA WOŹNA-BURDZIAK**
(*University of Szczecin*)
ADVERTISING OF DRUGS TARGETED AT PROFESSIONALS AND ITS INDIRECT IMPACT ON PATIENTS
- 17 **KATARZYNA WRÓBEL**
(*Adam Mickiewicz University Poznań*)
CONTEMPORARY PARENTING IN THE OPINIONS OF STUDENTS. REPORT ON THE RESEARCH CARRIED OUT FOR THE THESIS
- 18 **MARCELINA WRÓBEL**
(*University of Adam Mickiewicz in Poznań*)
TEACHERS' OPINIONS ON CONTEMPORARY YOUTH
- 19 **WALERIA ZACHWATOWICZ**
(*University of Warmia and Mazury in Olsztyn*)
THE INFLUENCE OF PERSONALITY TRAITS ACCORDING TO THE BIG FIVE MODEL ON SHAPING THE RELATIONSHIP WITH MONEY
- 20 **WERONIKA ONYŚKO**
(*Poznań University of Business and Economics*)
ASPECTS INFLUENCING PURCHASING DECISIONS WHEN CHOOSING FACE CARE COSMETICS

Posters

- 1 **MAGDALENA CYBULSKA**
(*University of Warsaw*)
DEVELOPMENT ASPIRATIONS OF MUNICIPALITIES IN THE CONTEXT OF DEINDUSTRIALIZATION
- 2 **MARIA CZUBAK**
(*The Maria Grzegorzewska University in Warsaw*)
A SCOUT WITH DISABILITY? THAT SOUNDS PROUDLY!
- 3 **MARTYNA KOSTRZEWSKA**
(*University of Szczecin*)
FACEBOOK IN THE CONTEXT OF MARKETING COMMUNICATION OF LOCAL ENTERPRISES FROM SZCZECIN – BASED ON OWN RESEARCH
- 4 **ANGELIKA LENART**
(*The John Paul II Catholic University of Lublin*)
COMPLETE NUTRITION OF PRESCHOOL AND SCHOOL CHILDREN IN THE CONTEXT OF FOOD SELECTIVITY
- 5 **MONIKA MARKOWSKA**
(*University of Białystok*)
VALUES AND AUTHORITIES IN THE OPINION OF PEDAGOGY STUDENTS



- 6 **SYLWIA ROMANOWSKA-JONIO**
(*University in Białystok*)
PEDAGOGUES, WHO CHANGED THE WAY OF THINKING ABOUT DISABILITY
- 7 **DARIA WRUKOWSKA**
(*NOWE POKOLENIE Martyna Kostrzewska*)
SENIORS AS SOCIAL MEDIA USERS
- 8 **SYLWIA ZAROŚLAK**
(*Maria Grzegorzewska University*)
ANIMALS IN THE THERAPEUTIC PROCESS

TECHNICAL AND NATURAL SCIENCES SESSION

On-line Presentations

- 11:00 – 11:10 **Opening the Session and discussing technical matters**
- 1 11:10 – 11:20 **KAROLINA BETON**
(*Lodz University of Technology*)
RAMAN, AFM, SNOM IMAGING AND FLUORESCENCE STAINING IN THE BIOCHEMICAL ANALYSIS OF HUMAN INTESTINAL CELLS (*ENG*)
- 2 11:20 – 11:30 **ELŻBIETA CYGAN-BĄCZEK**
(*Łukasiewicz Research Network – Krakow Institute of Technology, Center of Advanced Manufacturing Technology*)
PREPARATION AND PROPERTIES OF MATERIALS CONSTITUTING THE MATRIX IN SINTERED METALLIC-DIAMOND TOOLS
- 3 11:30 – 11:40 **JUSTYNA GAWEL**
(*University in Rzeszów*)
OPTIMIZATION OF THE YEAST CULTIVATION PROCESS WITH THE USE OF LAMBDA MINIFOR BIOREACTORS
- 4 11:40 – 11:50 **EWELINA GODEK**
(*Maria Curie-Skłodowska University*)
THE INFLUENCE OF CAPB ON STABILIZATION AND FLOCCULATION PROPERTIES OF AQUEOUS SUSPENSION OF CATIONIC STARCH AND MONTMORILLONITE
- 5 11:50 – 12:00 **EWELINA JACH**
(*Wroclaw University of Science and Technology*)
PHASE TRANSITIONS AND MECHANISMS RELAXATION OF ORGANIC-INORGANIC QUINUCLIDINE HYBRIDS
- 6 12:00 – 12:10 **ŁUKASZ JAKUBSKI**
(*Silesian University of Technology*)
THE INNOVATIVE APPLICATION OF A MOLECULAR MAGNET [Fe₄(ACAC)₆(BR-P)₂] AS A FILLER OF ALGINATE MEMBRANES IN THE PROCESS OF ETHANOL DEHYDRATION VIA PERVAPORATION
- 7 12:10 – 12:20 **DAMIAN KNYRA**
(*Silesian University of Technology*)
PREPARATION AND CHARACTERIZATION OF ALGINATE MEMBRANES CONTAINING DISPERSED NICKEL AND SILVER NANOWIRES, USED IN ETHANOL DEHYDRATION IN THE PERVAPORATION PROCESS
- 8 12:20 – 12:30 **JACEK MALINOWSKI**
(*University of Gdansk*)
NEW PRECATALYSTS FOR OLEFIN OLIGOMERIZATION - PHYSICO-CHEMICAL AND CATALYTIC CHARACTERISTIC
- 12:30 – 12:40 **COFFEE BREAK**



- 9 12:40 – 12:50 **NATALIA MLYŃCZYK**
(*University of Silesia in Katowice*)
ATTEMPTING TO PRODUCE NEW RADIOISOTOPES FOR APPLICATIONS IN NUCLEAR MEDICINE
- 10 12:50 – 13:00 **MICHAŁ NOWOTARSKI**
(*Silesian University of Technology*)
THE IMPROVEMENT OF THE PHYSICO-CHEMICAL PROPERTIES OF CHITOSAN BIODEGRADABLE FILMS BY THE APPLICATION OF ECO-FRIENDLY PLASTICIZERS
- 11 13:00 – 13:10 **GRZEGORZ OLESIK**
(*University of Lodz*)
ANDRZEJ SCHINZEL – LIFE AND RESEARCH
- 12 13:10 – 13:20 **RAFAL PETRYNIAK**
(*LavaVision*)
NEW TECHNOLOGIES IN EDUCATION USING THE INTERACTIVE FLOOR ENVIRONMENT
- 13 13:20 – 13:30 **FILIP RĘKAS**
(*Rzeszów University of Technology*)
MODELING THE REVERSIBLE ADDITION-FRAGMENTATION CHAIN TRANSFER POLYMERIZATION
- 14 13:30 – 13:40 **GRZEGORZ SURMACZ**
(*Medcore Sp. z o.o.*)
INTELLIGENT OBJECT MONITORING IN TECHNICAL INFRASTRUCTURE MANAGEMENT
- 15 13:40 – 13:50 **ŁUKASZ WUJCICKI**
(*Silesian University of Technology*)
PHOSPHATE SORPTION ON CHITOSAN MODIFIED WITH FE₃O₄ NANOPARTICLES

Presentations

- 1 **PAWEŁ BŁASZCZYK**
(*Lodz University of Technology*)
INTRODUCTION TO DIGITAL ELECTRONICS
- 2 **AGATA BURSKA**
(*University of Warmia and Mazury in Olsztyn*)
PROCESSES ACCOMPANYING FERTILIZATION
- 3 **AGATA BURSKA**
(*University of Warmia and Mazury in Olsztyn*)
SPERM MOTILITY
- 4 **IZABELA CIMOCH**
(*University of Bialystok*)
MESOPOROUS CARBON/CONDUCTING POLYMERS COMPOSITES
- 5 **KAROLINA DUBIEL**
(*Lodz University of Technology*)
USE OF CARBON NANOADDITIVES AS MATERIALS TO IMPROVE THE PROPERTIES OF POLYMER MEMBRANES
- 6 **BARBARA DUDA**
(*University of Life Sciences in Lublin*)
INSECTS' ADAPTATION TO POLLINATION IN TERMS OF THE ANATOMICAL STRUCTURE OF THE LEGS AND MOUTHPARTS (ENG)
- 7 **PIOTR GRELOWSKI**
(*IT Business Consulting Group Sp. z o.o.*)
CREATING A SYSTEM TO SUPPORT THE HOME ELECTRICAL INSTALLATION WITH ENERGY STORED IN THE BATTERIES OF ELECTRIC CARS



- 8 **PIOTR GRELOWSKI**
(*IT Business Consulting Group Sp. z o.o.*)
DEVELOPMENT OF ADVANCED TECHNOLOGY FOR THE AUTOMATIC SERVICE OF PARTICIPANTS OF MASS EVENT
- 9 **MAŁGORZATA GRUDZIEŃ-RAKOCZY**
(*Lukasiewicz Research Network- Kraków Institute of Technology*)
INFLUENCE OF MULTI-STAGE HEAT TREATMENT ON THE STABILITY OF STRENGTHENING PRECIPITATES IN NOVEL NI-BASED SUPERALLOYS (*ENG*)
- 10 **MAJA HARTUNG**
(*University of Warmia and Mazury in Olsztyn*)
ADVANCED GLYCATION PRODUCTS AS A SOURCE OF COMPLICATIONS IN DIABETES
- 11 **JAROSŁAW KABIESZ**
(*Silesian University of Technology; Losentech sp. z o. o.*)
DEEP HEAT RECOVERY FROM BIOMASS COMBUSTION GASES
- 12 **ZDZISŁAW KINART**
(*University of Lodz*)
CONDUCTOMETRIC METHODS FOR THE DETERMINATION FOR THE FORMATION INCLUSION COMPLEXES OF DERIVATIVES CINNAMON ACID WITH L-CYCLODEXTRIN IN A WIDE RANGE OF TEMPERATURES
- 13 **JULIA KORCZYK**
(*Jagiellonian University*)
HOW GENERAL IS COGNITIVE ABILITY IN ANIMALS?: FROM USING TOOLS BY OCTOPI TO CULTURES OBSERVED IN PRIMATES
- 14 **EWELINA KRUSZCZYŃSKA**
(*Polish Geophysical Society*)
WEEKEND OZONE EFFECT IN LUBLIN (2009-2017)
- 15 **PAULINA LASZUK**
(*University in Białystok*)
INVESTIGATION OF THE EFFECT OF KAEMPFEROL AND MYRICETIN ON THE PROPERTIES OF NATURAL AND ARTIFICIAL ERYTHROCYTES
- 16 **ADRIANNA MICHNIEWICZ**
(*University of Warmia and Mazury in Olsztyn*)
ANIMAL MODELS IN DIABETES RESEARCH
- 17 **WOJCIECH PIOTROWSKI**
(*Silesian University of Technology; Losentech*)
RESEARCH ON HYDRAULICS AND MASS TRANSFER ON A SIEVE TRAY WITH A FLOW STABILIZING STRUCTURE
- 18 **KRZYSZTOF PLEWA**
(*Poznan University of Technology*)
VON KARMAN VORTICES AS A PHENOMENON UNDERLYING THE MEASUREMENT OF THE FLOWMETER
- 19 **KAROLINA SZOSTAK**
(*Wroclaw University of Science and Technology*)
CHANGES IN EARTH'S MAGNETIC FIELD REGARDING THE ANTIGORITE SERPENTINE FILE
- 20 **KLAUDIA WIKTOR**
(*University of Rzeszow*)
ANALYSIS OF XRD RESULTS FOR SEMICONDUCTORS FROM THE A3B5 GROUP
- 21 **KAROLINA WŁODARCZYK**
(*Maria Curie-Skłodowska University in Lublin*)
THE SEQUENCE DIVERSITY OF SYMBIOTIC GENES OF CHAMAECYTISUS ALBUS ENDOPHYTES (*ENG*)
- 22 **MARTA ZALESKAYA-HERNIK**
(*University of Warsaw*)
FLUORESCENCE RECOGNITION OF SULFATES USING A ION PAIR RECEPTOR



Posters

- 1 **BARTOSZ ADAMKIEWICZ**
(*Gdynia Maritime University*)
TRENDS IN THE DEVELOPMENT OF PROPULSION SYSTEMS FOR MARITIME OBJECTS
- 2 **AGATA BARAN**
(*Military University of Technology*)
A NEW WAY OF MAGNESIUM HYDRIDES MECHANOSYNTHESIS – HIGH TEMPERATURE AND HIGH PRESSURE BALL MILLING (ENG)
- 3 **AGATA BARAN**
(*Military University of Technology*)
DIY: CYLINDERS FOR MECHANOCHEMICAL SYNTHESIS OF SOLID-STATE HYDROGEN STORAGE MATERIALS (ENG)
- 4 **ADAM BIESZK**
(*Gdynia Maritime University*)
3D PRINTING TECHNOLOGY REVIEW
- 5 **PIOTR BOLLIN**
(*Institute of Biotechnology and Molecular Medicine, Gdańsk*)
ALUMINUM SURFACE MODIFICATION FOR ANTIMICROBIAL PROPERTIES (ENG)
- 6 **KONRAD CHRZAN**
(*Łukasiewicz Research Network- Kraków Institute of Technology*)
INFLUENCE OF THE AL/TI RATIO AND TANTALUM CONCENTRATION ON THE MECHANICAL PROPERTIES OF MODEL SUPERALLOYS BASED ON IN740 AFTER MULTI-STAGE HEAT TREATMENT
- 7 **MARTA CZAJA**
(*Gdynia Maritime University*)
MATERIALS FOR MARINE ENGINE EXHAUST VALVES
- 8 **DARIA DARZNIK**
(*Gdynia Maritime University*)
METHODS OF PRODUCING COMPOSITE MATERIALS
- 9 **WIKTORIA GROMELSKA**
(*Adam Mickiewicz University*)
LUMINESCENT METAL-ORGANIC FRAMEWORK BASED ON THIAZOLO[5,4-D]THIAZOLE LIGAND FOR IONS DETECTION
- 10 **ADONIS HILAL**
(*Warsaw University of Life Sciences*)
ASSESSMENT OF THE PHYSICAL PROPERTIES OF THE WHEAT PROTEIN-MALTODEXTRIN DISPERSIONS (ENG)
- 11 **MONIKA KOPEĆ**
(*Lodz University of Technology*)
THE INFLUENCE OF SUGARS ON METABOLISM OF LUNG CANCER CELLS (ENG)
- 12 **STANISŁAW KOWALIK**
(*Retired academic teacher of the Silesian University of Technology*)
PSEUDOINVERSE BINARY MATRIX (N×2) (ENG)
- 13 **AGATA LANGE**
(*Warsaw University of Life Sciences*)
INTERACTION POINTS OF NANOPARTICLES WITH BACTERIA CELLS (ENG)
- 14 **JUSTYNA LIPUS**
(*University of Silesia in Katowice*)
THE CAPACITY ASSESSMENT OF BIOMEDICAL ELECTRODES BASED ON CHARGE STORAGE CAPACITY MEASUREMENTS



- 15 **KLAUDIA NOWICKA**
(*Gdynia Maritime University*)
EXHAUST SCRUBBERS AS A SOLUTION TO REDUCE SOX EMISSIONS
- 16 **PAULINA ORMANIEC**
(*Cracow University of Technology*)
REMOVAL OF ORGANIC MATTER IN WASTEWATER SAMPLES FOR IDENTIFICATION OF MICROPLASTIC
- 17 **ANNA ORNATOWSKA**
(*Lodz University of Technology*)
ANALYSIS OF THE CYTOTOXICITY OF NANODIAMONDS OBTAINED WITH THE DETONATION METHOD AND THEIR STABILITY IN AQUEOUS SOLUTIONS
- 18 **PRZEMYSŁAW PRZYBYSZ**
(*University of Łódź*)
THE DFT CALCULATION OF THE INTERACTIONS BETWEEN GRAPHENE AND GE(001) (*ENG*)
- 19 **DOMINIK ROGALSKI**
(*Warsaw University of Technology*)
METHODS OF REMEDIATION OF SOIL CONTAMINATED WITH METALS
- 20 **SZYMON SOBCZAK**
(*Adam Mickiewicz University in Poznań*)
TUNING THE ADSORPTION PROPERTIES OF THE FLEXIBLE METAL-ORGANIC FRAMEWORK BY LINKER SUBSTITUTION
- 21 **WERONIKA WACHOWICZ**
(*Adam Mickiewicz University in Poznań*)
SYNTHESIS OF TETRAHEDRAL BIMETALLIC COORDINATION NANOCAGES
- 22 **PIOTR WARCHAŁ**
(*Maria Curie-Skłodowska University in Lublin*)
HYDROXYAPATITE
- 23 **ALICJA WAWSZCZAK**
(*Maria Curie-Skłodowska University in Lublin*)
ASSESSMENT OF THE SORPTION CAPACITY OF HYDROXYAPATITE OBTAINED FROM BIO-WASTE TOWARDS REMOVAL OF CHROMIUM(VI), VANADIUM(V) AND MOLYBDENUM(VI) IONS
- 24 **KLAUDIA WIKTOR**
(*University of Rzeszów*)
SOLAR PANELS – PRINCIPLE OF OPERATION

MEDICAL SCIENCES SESSION

On-line Presentations

- 13:50 – 14:00 **Opening the Session and discussing technical matters**
- 1 14:00 – 14:10 **ELIZA APOLINARSKA**
(*Student Scientific Circle for Experimental Dermatology, Collegium Medicum in Bydgoszcz, UMK Antoni Jurasz University Hospital No. 1*)
PHTHALOCYANINES IN PHOTODYNAMIC THERAPY OF SQUAMOUS CELL CARCINOMA IN AN IN VITRO MODEL
- 2 14:10 – 14:20 **LAURA DZIKI**
(*Student Scientific Association at Chair and Department of Medical Microbiology, Medical University, Lublin*)
ASSESSMENT OF THE PREVALENCE OF ANTI-BORRELIA BURGDORFERI ANTIBODIES IN PREGNANT WOMEN
- 3 14:20 – 14:30 **KAMILA GORCZYCA**
(*Medical University of Lublin*)
MYTHS AND FACTS: THE INFLUENCE OF A PREGNANT WOMAN'S DIET ON THE DEVELOPMENT OF VAGINAL MICROBIOTA



- 4 14:30 – 14:40 **PAWEŁ GUMUŁKA**
(*Medical College, Jagiellonian University*)
THE APPLICATION OF NANOCARRIERS IN ONCOLOGICAL THERAPY
- 5 14:40 – 14:50 **MATEUSZ KACZMARSKI**
(*Medical University of Lublin*)
TYPES AND MANAGEMENT OF URINARY CATHETERS USED IN CLINICAL PRACTICE
- 6 14:50 – 15:00 **RAFAL KUŚ**
(*Medical University of Lublin*)
LEPIDIUM MEYENII (MACA) – ANTIOXIDANT AND ANTI-INFLAMMATORY PROPERTIES
- 7 15:00 – 15:10 **KAMILA SOBCZAK, WIOLETTA NIEŚCIOR**
(*Collegium Medicum of Nicolaus Copernicus University in Toruń*)
CAR-T IMMUNOTHERAPY VERSUS OTHER CANCER TREATMENT METHODS – A NEW HOPE?
- 15:10 – 15:20 **COFFEE BREAK**
- 8 15:20 – 15:30 **DAMIAN PAWLIK**
(*University of Health and Sport Sciences in Wrocław*)
TRAINING LOAD AND THE EFFECTS ON TRAINING RESPONSE IN FEMALE VOLLEYBALL PLAYERS U-19
- 9 15:30 – 15:40 **SYLWIA SAMOJEDNY**
(*Physiology Student Research Club "Neuron", Medical College of Rzeszow University*)
POTENTIAL USE OF SENOLITICS IN DISEASES RELATED TO THE CENTRAL NERVOUS SYSTEM
- 10 15:40 – 15:50 **DARIA STEFANIAK**
(*Medical University of Lublin*)
PREVALENCE OF DERMATOPHYTES AND THEIR ZOO NOTIC POTENTIAL
- 11 15:50 – 16:00 **DAMIAN ŚWIĄTKOWSKI**
(*Nicolaus Copernicus University Ludwik Rydygier Collegium Medicum in Bydgoszcz*)
PRIMARY DYSMENORRHEA, AN OLD ILLNESS – MODERN TREATMENT (ENG)
- 12 16:00 – 16:10 **IZABELA TURKOWSKA**
(*Bialystok University of Technology. Bioinvention Scientific Association*)
SPRI'S INNOVATIVE BIOSENSORS FOR BIOMEDICAL APPLICATIONS
- 13 16:10 – 16:20 **IZABELA TURKOWSKA**
(*Bialystok University of Technology. Bioinvention Scientific Association*)
THE USE OF 3D PRINTING IN ORTHOPEDIC APPLICATIONS
- 14 16:20 – 16:30 **OLIWIJA ZALEWSKA**
(*Poznan University of Medical Sciences*)
WOMEN'S AWARENESS OF REPRODUCTIVE HEALTH
- 15 16:30 – 16:40 **JOANNA ŻANDAREK**
(*Medical College, Jagiellonian University*)
ASSESSMENT OF THE POTENTIAL ENVIRONMENTAL TOXICITY OF DRUGS WITH THE USE OF MICROBIOTESTS
- 16 16:40 – 16:50 **DARIA BUCZKOWSKA**
(*Doctoral School of the University of Szczecin*)
FINANCIAL SITUATION OF HOUSEHOLDS AND EATING HABITS AMONG YOUNG PEOPLE DURING THE COVID-19 PANDEMIC IN POLAND

Presentations

- 1 **NATALIA BIAŁOŃ**
(*Medical University of Silesia in Katowice*)
EFFECTS OF PHYSICAL ACTIVITY ON COGNITIVE BRAIN FUNCTION – A REVIEW OF THE LITERATURE



- 2 **KLAUDIA BONOWICZ**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
THE EFFECT OF TRANSFORMING GROWTH FACTOR BETA (TGF-B) ON THE ATHEROSCLEROTIC PROCESS
BASED ON RECENT SCIENTIFIC REPORTS
- 3 **MARLENA BUDEK**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
GASTRIC NEUROENDOCRINE TUMORS - WHAT DO WE KNOW ABOUT THEM?
- 4 **MARLENA BUDEK**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
THE IMPORTANCE OF NEURON-SPECIFIC ENOLASE IN NEUROENDOCRINE NEOPLASMS
- 5 **JOANNA CHALUPKA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
APPLICATION OF IONIC LIQUIDS IN ENANTIOSELECTIVE BIOTRANSFORMATIONS OF PHARMACEUTICAL
ACTIVE SUBSTANCES
- 6 **ALEKSANDRA CIURZYŃSKA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
TISSUE-ENGINEERED AUTOLOGOUS BLADDERS FOR PATIENTS NEEDING CYSTOPLASTY
- 7 **ROBERT GATTNER**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
ENZALUTAMIDE IN CASTRATION-RESISTANT PROSTATE CANCER TREATMENT
- 8 **ANNA GÓRKA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
DOES THE USE OF ANTIEPILEPTIC DRUGS DURING PREGNANCY INCREASE THE RISK OF MAJOR
CONGENITAL MALFORMATIONS (MGM)?
- 9 **BARBARA JANOTA**
(School of Health Sciences in Bytom, Medical University of Silesia in Katowice)
STATE OF QUALITY AND FOOD SAFETY IN POLAND BASED ON LATEST PUBLICATIONS
- 10 **BARTOSZ KOZAKIEWICZ**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
AUTOLOGOUS MESENCHYMAL STEM CELLS IN RENOVASCULAR DISEASE
- 11 **JOANNA KRUSZKA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
NEW THERAPIES FOR NEUROENDOCRINE NEOPLASMS
- 12 **JOANNA KRUSZKA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
THE EFFECT OF BIOACTIVE SUBSTANCES FOUND IN WINE ON THE DIGESTIVE SYSTEM CANCERS
- 13 **BARTOSZ KULPA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
THE INFLUENCE OF CANNABIDOL ON THE WOUND HEALING PROCESS
- 14 **NATALIA LITKOWICZ**
(Medical University of Silesia)
SPECIES OF THE GENUS HAWTHORN (CRATAEGUS L.) IN THE ARRANGED GREENERY OF SELECTED
AREAS OF THE SILESIAN UPLAND AND EVALUATION OF THE USEFULNESS OF THE FEATURES USED TO
IDENTIFY
- 15 **JAN MILANOWSKI**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
NEW THERAPIES FOR NEUROENDOCRINE NEOPLASMS
- 16 **JAN MILANOWSKI**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
DIAGNOSTICS OF LUNG NEUROENDOCRINE NEOPLASMS



- 17 **PAULINA MUCHA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
LITHIUM IN THE TREATMENT OF BIPOLAR DISORDER
- 18 **PAULINA MUCHA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
EFFECT OF VITAMIN D ON THE COURSE OF SARS-COV-2 INFECTION
- 19 **MICHALINA NASIADEK**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
POSSIBILITIES OF MERKEL CELL CARCINOMA TREATMENT IMPROVEMENT
- 20 **JULIA RUSZKIEWICZ**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
PHARMACOLOGICAL TREATMENT OF OBESITY WITH GLUCAGON – LIKE PEPTIDE 1 (GLP-1) ANALOGUES
- 21 **JANINA RZESZOT**
(WSZ postgraduate studies)
PASSIVE EXERCISES AS MOVEMENT OF PEOPLE IMMOBILE DUE TO DISEASES AND INJURIES RULING OUT OF PHYSICALACTIVITY (ENG)
- 22 **ANNA TUROSTOWSKA**
(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
COMPARISON OF THE CONTENT OF FLAVONOIDS IN FLOWERS AND LEAVES OF HYPERICUM PERFORATUM AND H. MACULATUM
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