



Conference Schedule

HUMANITIES SCIENCES SESSION

On-line Presentations

09:50 – 10:00 **Opening the Session and discussing technical matters**

- 1 10:00 – 10:10 **NADIA PŁOŃSKA**
(*Poznan University of Economics and Business*)
ANALYSIS OF CAREER PATHS CHOSEN BY GRADUATES

Presentations

- 1 **IZABELA GAGO**
(*University of Szczecin*)
APPLICATION OF COGNITIVE NEUROSCIENCE TECHNIQUES IN THE CONTEXT OF QUANTITATIVE AND QUALITATIVE METHODS
- 2 **NATALIA JEŻEWSKA**
(*University of Silesia in Katowice*)
PLANNING ARTISTIC ACTIVITIES WITH PRESCHOOL CHILDREN IN CONTACT WITH A LITERARY WORK
- 3 **KORNELIA KORDIAK**
(*University of Wrocław*)
SUPPORTING CHILDREN'S DEVELOPMENT IN THE PERIOD OF: EARLY, MIDDLE AND LATE CHILDHOOD?
- 4 **MARTA KOSMALSKA**
(*Academy of Humanities and Economics in Lodz*)
HOW TO EVALUATE TO APPRECIATE? ON THE DIFFICULTIES OF TEACHING AFTER REMOTE TEACHING
- 5 **MARTA KOSMALSKA**
(*Academy of Humanities and Economics in Lodz*)
FEMINISM IN POLAND IN XXI CENTURY – ROLE, DEFINITIONS, STATE OF KNOWLEDGE
- 6 **NATALIA ŁANIECKA**
(*Adam Mickiewicz University in Poznań*)
THE NAMES OF REALITIES IN TRANSLATION
- 7 **KATARZYNA MICHALSKA**
(*Poznan University of Economics and Business*)
FACTORS INFLUENCING CUSTOMER SATISFACTION IN THE ONLINE AND STATIONARY SHOPPING PROCESS ON THE EXAMPLE OF CLOTHES (ENG)
- 8 **KRZYSZTOF NAWROT**
(*Pontifical University of John Paul II in Krakow*)
TRAFFICKING IN HUMAN BEINGS – CIVILIZATION DETERMINANTS OF THE PHENOMENON
- 9 **WERONIKA ONYŚKO**
(*University of Economics in Poznan*)
SHOPPING HABITS RELATED TO THE PURCHASE OF FACE CARE COSMETICS (ENG)
- 10 **PAWEŁ OWCZARCZYK**
(*War Studies University*)
RISK MANAGEMENT IN THE PRODUCTION PROCESS



- 11 **JAKUB PABIAN**
(University of Warmia and Mazury in Olsztyn)
CHOSEN ETHICAL DOUBTS CONNECTED WITH THE PROBLEM OF HUMAN ENHANCEMENT
- 12 **MONIKA STRZELECKA**
(Catholic University of Lublin)
ASSOCIATION OF SENSE OF ADULTHOOD WITH SELF-EFFICACY BELIEFS
- 13 **OKSANA YAKIVETS**
(Wroclaw University of Science and Technology)
METRICS IN R&D PROJECT MANAGEMENT

Posters

- 1 **MALGORZATA DRABEK-ROGOWSKA**
(Maria Skłodowska Curie Primary School No. 2 in Piastów)
PARENTAL CONTROL ON THE INTERNET IN THE PANDEMIC ERA. SURVEY RESULTS
- 2 **KATARZYNA HAMANT**
(SWPS University of Social Sciences and Humanities)
OUTCOMES OF EDUCATIONAL EFFORTS REGARDING THE INFORMAL CITIZENSHIP TRAINING OF SENIOR CITIZENS
- 3 **NATALIA JEŻEWSKA**
(University of Silesia in Katowice)
MOTIVATION TO LEARN STUDENTS
- 4 **NINA KĘDZIORA**
(University of Warsaw)
GENERAL INTELLIGENCE AND EVALUATIVE CONDITIONING
- 5 **ANGELIKA LENART**
(The John Paul II Catholic University of Lublin)
HAND THERAPY IN SENSORY INTEGRATION
- 6 **ADRIANNA MATEJA**
(University of Szczecin)
NEUROMARKETING'S APPLICATION IN THE RESEARCH OF CONSUMER BEHAVIOUR
- 7 **ALEKSANDRA SAWICKA**
(The Maria Grzegorzewska University)
WHAT IS THE PROCESS OF DIAGNOSING DYSLEXIA?
- 8 **KAROLINA SZYMANIAK**
(Catholic University of Lublin of John Paul II)
THE INFLUENCE OF THE MASS MEDIA ON THE IMAGE OF THE MODERN FAMILY
- 9 **KARTARZYNA WRÓBEL**
(Adam Mickiewicz University in Poznań)
CONTEXTS OF REFLECTIVENESS OF CONTEMPORARY PARENTING
- 10 **MONIKA WYSOTA**
(University of Adam Mickiewicz in Poznań)
ACHIEVING ADULTHOOD BY YOUNG PEOPLE – THE RESULTS OF LONGITUDINAL STUDIES
- 11 **ANNA ZARZYCKA**
(John Paul II Catholic University)
HISTORICAL VIEW OF PROBATION IN 20TH CENTURY



TECHNICAL AND NATURAL SCIENCES SESSION

On-line Presentations

- 10:20 – 10:30 **Opening the Session and discussing technical matters**
- 1 10:30 – 10:40 **WIKTORIA CZUPRYNA**
(*SKN Proteomics and Cytomics, University of Life Sciences in Lublin*)
WHEY – VALUABLE BY-PRODUCT OF THE DAIRY INDUSTRY
- 2 10:40 – 10:50 **JAKUB GORLACH**
(*Wroclaw University of Science and Technology*)
TESTING THE ABILITY TO NEUTRALIZE MICROORGANISMS WITH THE USE OF UV-C LAMPS
- 3 10:50 – 11:00 **MARTYNA KORBECKA**
(*Rzeszow University of Technology*)
MODIFICATION OF PHARMACOLOGICALLY ACTIVE SUBSTANCES THROUGH ATRP TECHNIQUES (ENG)
- 4 11:00 – 11:10 **PIOTR KUZIĄK**
(*University of Wrocław*)
POSTNATAL DEVELOPMENT OF THE AXIAL SKELETON IN HOMING PIGEON (*COLUMBA LIVIA DOMESTICA*)
- 5 11:10 – 11:20 **TOMASZ MAŃDOK**
(*Silesian University of Technology*)
STUDIES ON SORPTION OF PHOSPHATES ON CHITOSAN HYDROGEL MODIFIED WITH CERIUM(IV) IONS
- 6 11:20 – 11:30 **KAMIL NIESPOREK, OLIWIA BASZCZEŃSKA**
(*Silesian University of Technology*)
DEVELOPMENT OF A FULLY BIODEGRADABLE COMPOSITE MATERIAL INTENDED FOR FOOD CONTACT
- 7 11:30 – 11:40 **MARTYNA NOWAK**
(*AGH University of Science and Technology*)
DIRECT METHODS FOR METAL SURFACE CLEANLINESS EVALUATION
- 11:40 – 11:50 **Coffee Break**
- 8 11:50 – 12:00 **ALEKSANDRA OGÓRSKA**
(*University of Technology in Szczecin*)
BIOMECHANICAL LOWER LIMB PROSTHESES
- 9 12:00 – 12:10 **MACIEJ OLESIEWICZ**
(*University of Life Sciences in Lublin*)
OBTAINING PROTEIN EXTRACTS FROM HEMP POMACE IN FEED INDUSTRY AND ITS ENZYMATIC HYDROLYSIS
- 10 12:10 – 12:20 **FILIP PUCH**
(*Rzeszow University of Technology*)
ARTIFICIAL NEURAL NETWORKS IN THE ANALYSIS OF PILE DRILLING PARAMETERS
- 11 12:20 – 12:30 **WIKTOR REDZYŃIA**
(*NapiFeryn BioTech Sp. Z o.o.*)
PROTEIN FROM RAPESEED. PRODUCTION TECHNOLOGY AND SCALE-UP
- 12 12:30 – 12:40 **MARIA SKRODZKA**
(*Wroclaw University of Science and Technology*)
INFLUENCE OF MATERIAL ADDITIVES AND DRYING PROCESS ON MECHANICAL PROPERTIES OF ALGINATE HYDROGELS



- 13 12:40 – 12:50 **MICHAŁ STARCZEWSKI**
(*Silesian University of Technology; Złotecki Sp. z o.o. Piston Factory*)
ASSESSMENT OF THE PROPERTIES OF THE ALSI13MG1CUNI ALUMINUM ALLOY USED IN
THE PRODUCTION OF CASTINGS FOR PISTONS TO COMBUSTION ENGINES
- 14 12:50 – 13:00 **MATEUSZ WELTROWSKI**
(*University of Gdańsk*)
ROLE OF IBPA PROTEIN IN THE VIRULENCE OF PLANT PATHOGENIC BACTERIA DICKEYA
SOLANI
- 15 13:00 – 13:10 **MARTA ALICJA KACPRZA**
(*Student Scientific Circle of Gardeners*)
THE USE OF ESSENTIAL OILS IN PREVENTION OF LYME DISEASE

Presentations

- 1 **PAWEŁ BŁASZCZYK**
(*Lodz University of Technology*)
BASIC COMPONENTS USED IN ELECTRONICS
- 2 **JAGODA CHUDZIŃSKA**
(*Adam Mickiewicz University*)
NATURAL SUBSTITUTES FOR SYNTHETIC SUBSTANCES USED IN COSMETICS
- 3 **MAGDALENA GŁĄB**
(*Cracow University of Technology*)
COMPOSITE BIOMATERIALS DESIGNED FOR BONE TISSUE REGENERATION (ENG)
- 4 **ANETA KALBARCZYK**
(*Warsaw University of Technology*)
REVIEW ON COATINGS ON CATHODE MATERIALS FOR HIGH RATE Li-ION BATTERIES PREPARED BY
ATOMIC LAYER DEPOSITION (ALD)
- 5 **KORNEL KLUBA**
(*Cracow University of Technology*)
MIXED-USE ARCHITECTURE AS THE NEXT STAGE IN THE DEVELOPMENT OF MODERN CITIES
- 6 **PATRYK KORBAN**
(*AGH University of Science and Technology*)
THE INFLUENCE OF INERT GAS REFINING PROCESS DURATION ON THE PROPERTIES OF THE EN AC 44200
ALLOY (ENG)
- 7 **MAREK KOZIELCZYK**
(*Poznan University of Technology*)
THE INFLUENCE OF THE PRESENCE OF METHANOL IN CELLULOSE PAPER ON ITS AGING PROCESS
- 8 **SARA KRAWCZYK**
(*University of Silesia*)
MEMANTINE-POLYPYRROLE DRUG DELIVERY SYSTEM AS A CHANCE IN THE TREATMENT OF
NEURODEGENERATIVE DISEASES? (ENG)
- 9 **EWA MICHNIAK**
(*Cracow University of Technology*)
NATURE AS A DETERMINANT OF CONTEMPORARY DESIGN AND ITS IMPACT ON THE PEOPLE
- 10 **ALEKSANDRA A. MROZIEWICZ**
(*University of Warsaw*)
ADVANTAGES AND LIMITATIONS OF HYBRID SUPERCAPACITORS UTILIZING SODIUM IODIDE IN
AQUEOUS AND AQUEOUS-ORGANIC MEDIA
- 11 **JAKUB OSYPIUK**
(*University of Warmia and Mazury in Olsztyn*)
BASIC PROCEDURES IN VETERINARY SURGERY AND THEIR RISKS



- 12 **PAWEŁ PATER**
(*P.P I R GOSTER*)
TESTING RESULTS OF VARIOUS MATERIALS ON A SCREEN WITH A GEARLESS EXCITER
- 13 **KARINA PIĘTAK**
(*Cracow University of Technology*)
CERAMIC-POLYMER COMPOSITE BIOMATERIALS AS A CARRIER FOR ACTIVE SUBSTANCE (*ENG*)
- 14 **BARBARA POPANDA**
(*AGH University of Science and Technology*)
HYBRID GLASS DOPED WITH SUBSTITUTED AND UNSUBSTITUTED METAL PHTHALOCYANINE – EFFECT OF SOL-GEL CONDITION ON STABILITY OF LUMINOPHORES
- 15 **AGATA PRĄTNICKA**
(*University of Warmia and Mazury*)
HEALTH COMPLICATIONS RESULTING FROM INPROPER CAGE CONDITIONS IN PARROTS
- 16 **AGATA PRĄTNICKA**
(*University of Warmia and Mazury*)
METHODS OF REPAIRING DAMAGED FEATHERS ON BIRDS
- 17 **REGINA PRZYWARA**
(*Rzeszów University of Technology*)
INFLUENCE OF THE PARTICLE SIZE DISTRIBUTION OF ADSORBENTS ON THE ADSORPTION PROCESS OF SELECTED TEST SUBSTANCES IN LIQUID CHROMATOGRAPHY (*ENG*)
- 18 **DAGMARA SŁOTA**
(*Cracow University of Technology*)
TRIBOLOGICAL AND PHYSIOCHEMICAL PROPERTIES OF COMPOSITE COATINGS FOR BONE REGENERATION (*ENG*)
- 19 **WOJCIECH SZOT**
(*Gdansk University of Technology*)
HOMOGENEOUS METALLOCENE CATALYSTS: INFLUENCE OF METALLOCENE STRUCTURE AND CATALYTIC SYSTEM ON POLYMERIZATION OF (FUNCTIONALIZED) OLEFINS (*ENG*)
- 20 **BARTOSZ TUREK**
(*Wroclaw University of Science and Technology*)
MONOTERPENES – WEALTH IN NATURE
- 21 **PATRYK WŁODARCZYK**
(*Cracow University of Technology*)
ANALYSIS OF THE IMPACT OF GREENERY AND WATER MANAGEMENT ON THE URBAN ORGANISM AND ITS USERS
- 22 **RADOSŁAW WNUK**
(*AGH University of Science and Technology in Cracow*)
THE EFFECT OF ALLOYING ADDITIVIES ON SELECTED MECHANICAL PROPERTIES AND CORROSION RESISTANCE OF MATERIALS SINTERED ON A ZIRCONIUM MATRIX
- 23 **JAKUB WOŹNIAK**
(*Military University of Technology*)
COMPARISON OF SAMPLE PREPARATION METHODS IN THE COURSE OF CHROMATOGRAPHIC ANALYSIS OF WATER POLLUTANTS (*ENG*)
- 24 **KONRAD WRÓBEL**
(*Military University of Technology*)
CONCEPTION OF TUMOR LOCALIZATION USING MICROWAVE NOISE RADIATION
- 25 **ADAM SITKOWSKI**
(*Belmar Spółka z o.o.*)
AUTOMATED FILLING LINE EXPLOSIVE AND CORROSIVE MEDIA

Posters

- 1 **DANIEL BIGUS**
(*Institute of Biotechnology and Molecular Medicine*)
INNOVATIVE, FAST AND CHEAP DIAGNOSTICS TEST BACTERIAL VAGINAL INFECTION
- 2 **KAROLINA CHROŚCIŃSKA**
(*Białystok University of Technology*)
PHOTOVOLTAICS – ANALYSIS OF THE APPLICATION, THE POSITIVE AND NEGATIVE EFFECTS OF THE USE OF PHOTOVOLTAIC MODULES AND PHOTOVOLTAIC FARMS BASED ON EXISTING SOLAR PLANTS AND POWER PLANTS IN EUROPE
- 3 **ANNA FENYK**
(*University of Lodz*)
CHARACTERISTICS OF THE PROPERTIES OF SELECTED MAGNETORHEOLOGICAL FLUIDS AND ELASTOMERS
- 4 **MICHAŁ FIŁONOWICZ**
(*Białystok Technical University*)
SUSTAINABILITY IN ARCHITECTURE. ACHIEVEMENTS OF GREEN BUILDING USING THE EXAMPLE OF THE ENVIRONMENTALLY FRIENDLY ESTATE OF BEDDINGTON ZERO ENERGY DEVELOPMENT NEAR LONDON
- 5 **AGNIESZKA MAHER**
(*Lodz University of Technology*)
ACRYLAMIDE INDUCES OXIDATIVE DNA DAMAGE, CELL APOPTOSIS, AND CHANGES IN MORPHOLOGY IN CACO-2 CELLS (ENG)
- 6 **WERONIKA NOWICKA**
(*Gdansk University of Technology*)
FROM FUNCTIONAL POLYOLEFINS TO STRUCTURALLY CONTROLLED LIGHTWEIGHT MATERIALS (ENG)
- 7 **MARTA OLSZEWSKA**
(*TREE Capital Sp. z o.o.*)
MINERAL WOOL FROM DEMOLITION SITE AS A SUBSTRATE FOR PAVEMENT SLABS PRODUCTION
- 8 **KAROLINA PAKUŁA**
(*Student Scientific Association NEXUS, Poznan University of Economics and Business*)
DIRECTIONS OF USING WASTE FROM POTATOES PROCESSING.
- 9 **KINGA PLASA**
(*Silesian University of Technology*)
POLYMER MICELLES AS DRUG DELIVERY SYSTEMS IN TARGETED THERAPY
- 10 **AGNIESZKA RACZYŃSKA**
(*Wroclaw University of Science and Technology*)
HYDROXYLATION OF 2-PHENYLETHANOL USING FUNGI AS WHOLE-CELL BIOCATALYSTS
- 11 **FILIP RĘKAS**
(*Rzeszów University of Technology*)
A SIMPLE MODEL OF PSEUDO-LIVING COPOLYMERIZATION OF TWO MONOMERS WITH A MULTIFUNCTIONAL CORE
- 12 **KARINA SKRZYPOŃ**
(*University of Life Sciences in Lublin*)
ANTIOXIDANT PROPERTIES OF PROTEIN EXTRACTS FROM HEMP POMACE AND THEIR HYDROLYSATES (ENG)
- 13 **JULIA SZREDER**
(*Silesian University of Technology*)
MONOMERS FOR DENTAL APPLICATIONS
- 14 **DANIEL ŚWIDURSKI**
(*Student Scientific Association NEXUS, Poznan University of Economics and Business*)
POLISH CONSUMERS' PERCEPTION OF ELECTRIC CARS



- 15 **PIOTR WARCHAŁ**
(*Maria Curie Skłodowska University in Lublin*)
ZETA POTENTIAL
- 16 **ANNA WASILEWSKA**
(*University of Białystok*)
ANTIMICROBIAL POTENTIAL OF SILVER NANOPARTICLES SYNTHESIZED BY "GREEN CHEMISTRY"
- 17 **KAROLINA WLEKLIK**
(*Adam Mickiewicz University*)
MEASUREMENT OF ASCORBIC ACID CONTENT IN IRON BIOFORTIFIED SOY SEEDLINGS, WITH CONSIDERATION OF DIFFERENT STORAGE CONDITIONS
- 18 **PAWEŁ WOJTASZ**
(*Gdańsk University of Technology*)
POLYURETHANE-RUBBER COMPOSITES

MEDICAL SCIENCES SESSION

On-line Presentations

9:50 – 10:00 **Opening the Session and discussing technical matters**

- 1 10:00 – 10:10 **DOMINKA GONDEK**
(*Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz*)
ESKETAMINE AS A NEW PROMISING DRUG FOR MANAGING TREATMENT-RESISTANT DEPRESSION.
- 2 10:10 – 10:20 **MACIEJ MICHAŁOWSKI**
(*Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz*)
NEW AND EMERGING DRUGS USED IN TREATING MIGRAINES BY TARGETING CALCITONIN GENE RELATED PEPTIDES
- 3 10:20 – 10:30 **DAMIAN PORĘBA**
(*State University of Applied Sciences in Nowy Sącz*)
EFFECTS OF HYDROTHERAPY TREATMENTS ON BIOELECTRICAL RECORDING OF THE BICEPS BRACHII MUSCLE
- 4 10:30 – 10:40 **WIOLETTA ROZPĘDEK-KAMIŃSKA**
(*Medical University of Lodz*)
USE OF SMALL-MOLECULE PERK INHIBITORS IN PRIMARY OPEN-ANGLE GLAUCOMA TREATMENT
- 5 10:40 – 10:50 **SYLWIA SAMOJEDNY**
(*Physiology Student Research Club "Neuron", Medical College of Rzeszow University*)
GLUTAMATE RECEPTOR LIGANDS AS NEW TARGETS IN PHARMACOTHERAPY OF DEPRESSIVE DISORDERS
- 6 10:50 – 11:00 **ALICJA SIERAKOWSKA**
(*University of Opole*)
CHANGES IN NITRIC OXIDE LEVELS AS A RESPONSE TO A STRESSFUL SITUATION IN YOUNG ADULTS
- 7 11:00 – 11:10 **MACIEJ SOKOŁOWSKI**
(*Nicolaus Copernicus University Ludwik Rydygier Collegium Medicum in Bydgoszcz*)
SPRAIN OF THE ANKLE JOINT IN ATHLETES
- 8 11:10 – 11:20 **SZYMON WOJTASZEK**
(*Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz*)
THE IMPACT OF AIR POLLUTION ON PATIENTS WITH ASTHMA
- 9 11:20 – 11:30 **ALEKSANDRA ZIÓLKOWSKA**
(*Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz*)
IMEGLIMIN – A NOVEL THERAPEUTIC AGENT FOR TYPE 2 DIABETES

Presentations

- 1 **AGATA BAWOLSKA**
(*Nicolaus Copernicus University Ludwika Rydygiera Collegium Medicum in Bydgoszcz*)
THE ROLE OF ZINC IN THE TREATMENT OF MIGRAINE.
- 2 **KLAUDIA BONOWICZ**
(*Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz*)
ADVANCES IN TARGETING INFLAMMATION IN ATHEROSCLEROSIS (ENG)
- 3 **MARLENA BUDEK**
(*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
PROSTATE NEUROENDOCRINE CANCER AS A RESULT OF HORMONAL TREATMENT OF PROSTATE ADENOCARCINOMA
- 4 **MARLENA BUDEK**
(*Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
CLASSIFICATION OF LUNG NEUROENDOCRINE TUMORS - STAGE, TYPE AND GRADES. UP-TO-DATE KNOWLEDGE
- 5 **WIKTORIA BUGAJSKA**
(*Cardinal Stefan Wyszyński University in Warsaw*)
THE GUT MICROBIOME IN NEURODEGENERATIVE DISORDERS
- 6 **ALEKSANDRA CIEPLIŃSKA**
(*Medical College of Rzeszów University*)
WILMS TUMOR IN A 7-YEAR-OLD PATIENT – CASE REPORT
- 7 **ALEKSANDRA CIURZYŃSKA**
(*Ludwig Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń*)
CURRENT PTSD TREATMENT AND ITS DIFFICULTIES DURING THE COVID-19 PANDEMIC. EFFECTS OF ONLINE EMDR
- 8 **ANNA DUL**
(*State Vocational University prof. Stanisław Tarnowski in Tarnobrzeg*)
SHAPING THE NUTRITION HABITS AMONG SCHOOL PUPILS
- 9 **ROBERT GATTNER**
(*Nicolaus Copernicus University in Toruń, Ludwik Rydygier Collegium Medicum in Bydgoszcz*)
LYME DISEASE: WHAT'S NEW?
- 10 **GABRIELA MARIA GAWLIK**
(*Medical University of Lublin*)
THE CONNECTION BETWEEN DAIRY PRODUCTS CONSUMPTION AND OSTEOPOROSIS (ENG)
- 11 **JULIA GRACZYK**
(*Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University Toruń*)
LONG COVID AND ITS SPECTRUM OF SYMPTOMS BASED ON THE CASE REPORT AND SHORT LITERATURE-REVIEW (ENG)
- 12 **NINA KOMANIECKA**
(*University of Szczecin*)
VIRUS INDUCED CANCER DEVELOPMENT (ENG)
- 13 **KATARZYNA KOWALCZYK**
(*Medical College of Rzeszów University*)
BILATERAL OVARIAN BURKITT'S LYMPHOMA IN A 11-YEAR-OLD PATIENT- CASE REPORT
- 14 **OLIWIJA MAKOWSKA**
(*Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University Toruń*)
WINDS OF CHANGE – MODERN TREATMENT OF CROHN'S DISEASE (ENG)
- 15 **KAROLINA MATULEWICZ**
(*Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz*)
MODIFICATION OF CHEMOTHERAPEUTIC AGENTS WITH NATURAL EXTRACTS – NEW PERSPECTIVES IN CANCER TREATMENT, IN VITRO RESEARCH



- 16 **MARINA MILONA**
(Pomeranian Medical University)
METHODS OF TREATING AORTIC DISSECTION (ENG)
- 17 **MICHALINA NASIADEK**
(Nicolaus Copernicus University Ludwik Rydygier Collegium Medicum in Bydgoszcz)
MIDOSTAURIN. THE FIRST TARGETED THERAPY TO IMPROVE TREATMENT RESULTS OF ACUTE MYELOID LEUKEMIA WITH FLT3 MUTATION
- 18 **MACIEJ NAWROCKI**
(Collegium Medicum Jan Kochanowski University of Kielce)
MENTAL DISORDERS OF THE PERINATAL PERIOD
- 19 **ALEKSANDRA NOWACKA**
(Nicolaus Copernicus University Ludwik Rydygier Collegium Medicum in Bydgoszcz)
OLD DRUG, NEW DATA: IS ACETAMINOPHEN STILL SAFE FOR PATIENTS WITH HYPERTENSION?
- 20 **KAROLINA OLEKSAK**
(Carpathian State University in Krosno)
ALLERGIC DISEASES IN THE LIGHT OF SELECTED HYPOTHESES
- 21 **MALGORZATA PAŁAC**
(The Jerzy Kukuczka Academy of Physical Education)
THE RELATIONSHIP BETWEEN RESPIRATORY MUSCLES ECHOGENICITY AND SPEED TEST SCORES IN ADOLESCENT SOCCER PLAYERS
- 22 **ANNA PAŚNIKOWSKA**
(Lazarski University)
HOW TO COPE WITH STRESS? (ENG)
- 23 **NATALIA PETKA**
(Jagiellonian University Medical College)
ANALYSIS OF THE IMPLEMENTATION OF THE PILOT PROGRAM "PREVENTION 40 PLUS" IN POLAND
- 24 **KAMIL PYTLAK**
(Collegium Medicum of Jan Kochanowski University in Kielce)
SELECTED OCCUPATIONAL DISEASES IN HEALTH SECTOR
- 25 **KATARZYNA RAŁOWSKA**
(Medical College of Rzeszów University)
SPINAL SACRAL SCHWANNOMA IN 15-YEAR-OLD PATIENT – CASE REPORT
- 26 **EWELINA RE CZULSKA**
(Nicolaus Copernicus University in Toruń, Ludwik Rydygier Collegium Medicum in Bydgoszcz)
REGENERATIVE MEDICINE'S METHODS IN AUGMENTATION OF URINARY BLADDER
- 27 **JOANNA ŻANDAREK**
(Medical College, Jagiellonian University)
TOXICITY EVALUATION OF CEFUROXIME AXETIL SOLUTIONS USING MICROBIOTESTS

Posters

- 1 **ANNA BARANOWSKA**
(Pomeranian Medical University)
HEAVY METALS IN SELECTED POLISH CRAFT BEERS
- 2 **JULIA BARCZUK**
(Medical University of Lodz)
SMALL-MOLECULE PERK INHIBITORS IN PRIMARY OPEN-ANGLE GLAUCOMA TREATMENT
- 3 **ŻANETA BINERT-KUSZTAL**
(Medical College, Jagiellonian University)
THE USE OF THE TLC METHOD FOR THE DETERMINATION OF THE FIFTH GENERATION CEPHALOSPORIN – CEFTOBIPROLE IN BIOLOGICAL MATERIAL

National Scientific Conference
„Science and Young Researchers“
VI edition
June 04, 2022



- 4 **KAMIL JANAWA**
(*Pomeranian Medical University*)
CRAFT BEERS AS A SOURCE OF MINERALS
- 5 **KATARZYNA KACZMAREK**
(*University of Lodz*)
ASSESSMENT OF THE SURFACE TOPOGRAPHY OF LITHIUM DISILICATE CERAMICS AFTER BRUSHING WITH AFM, SEM AND FT-IR (ENG)
- 6 **IZABELA KACZOROWSKA**
(*Academy of Physical Education in Krakow*)
ASSESSMENT OF VITAL LUNG CAPACITY LEVELS IN SWIMMERS
- 7 **PATRYK KRZEŚNIAK**
(*Pomeranian Medical University in Szczecin*)
THE IMPORTANCE OF THE B12 VITAMIN IN ADDICTION
- 8 **JULIA KUTEK**
(*University of Life Sciences in Lublin*)
PROPERTIES AND USE OF ALGAE IN COSMETICS
- 9 **NATALIA ŁYSIAK**
(*Medical University of Warsaw*)
TESTICULAR CANCER – THE MOST COMMON CANCER DIAGNOSIS AMONG YOUNG MEN
- 10 **NATALIA MADEJ**
(*Jagiellonian University Medical College*)
EVALUATION OF PULMONARY FUNCTION IN PATIENT AFTER SEVERE COVID-19 INFECTION – A CASE REPORT
- 11 **KINGA OLEKSA**
(*Silesian University of Technology*)
PROPERTIES OF SELECTED ACTIVE SUBSTANCES OF PLANT ORIGIN FOUND IN COSMETICS (ENG)
- 12 **IZABELA OLSZAR**
(*Medical University of Silesia*)
EFFECT OF METFORMIN ON THE GROWTH OF CANCER CELLS OF VARIOUS ORIGINS IN VITRO
- 13 **MAGDALENA PATRYCY**
(*Military Institute of Hygiene and Epidemiology*)
THE ROLE OF HHV-1-INDUCED NEUROINFLAMMATION IN THE DEVELOPMENT OF NEURODEGENERATIVE PROCESSES
- 14 **AGNIESZKA EWA STEMPNIEWICZ**
(*Jagiellonian University Medical College*)
OBESTATIN INCREASES HEALING OF LINGUAL ULCERS IN ANIMAL MODEL