

Conference Schedule

HUMANITIES SCIENCES SESSION

On-line Presentations

	09:50 - 10:00	Opening the Conference and discussing technical matters
1	10:00 - 10:10	ADRIANA DRÓŻDŻ
		(University of Natural Sciences and Humanities in Siedlce)
		THE IMPACT OF COVID-19 ON HUMAN TRAFFICKING (ENG)
2	10:10 – 10:20	NINA KĘDZIORA (The University of Warsaw)
		INFLUENCE OF GENERAL INTELLIGENCE ON THE EFFECTS OF EVALUATIVE
		CONDITIONING
3	10:20 - 10:30	KAJA MAKOWSKA
		(University of Gdańsk)
		TRANSLATING THE UNTRANSLATABLE – TRANSLATING HUMOROUS ELEMENTS
4	10.20 10.40	IN TRENTON LEE STEWART'S THE MYSTERIOUS BENEDICT SOCIETY
4	10:30 – 10:40	ALEKSANDRA PRUS (University of Szczecin)
		STUDENTS' COOPERATIVES' FORMS OF ACTIVITY IN THE SECONDARY SCHOOLS
5	10:40 - 10:50	MONIKA SARNAT
		(Pedagogical University)
		DEVELOPMENT OF ARTIFICIAL INTELLIGENCE AND THE FUTURE OF MANKIND:
	10.50 11.00	THE ANALYSIS OF TWO POSSIBLE SCENARIOS
6	10:50 – 11:00	WOJCIECH SAWICKI (University of Silesia in Katowice)
		THE RULE OF PROTECTION OF ACQUIRED RIGHTS – CONCEPTIONS REGARDING THE WAY
		OF DISTINCTING ACQUIRED RIGHTS AND THE FORMS OF THEIR PROTECTION
7	11:00 - 11:10	MAGDALENA SŁOWIK
		(University of Warmia and Mazury in Olsztyn)
		E-EDUCATION AND REMOTE PSYCHOLOGICAL AND PEDAGOGICAL HELP AS A CONTEMPORARY CHALLENGE FOR TEACHERS, PARENTS AND STUDENTS
8	11:10 11:20	ALEXANDRA STANIEWSKA
o	11.10 – 11.20	(Adam Mickiewicz University)
		MEMORY AND POLITICS IN THE SPANISH EXHUMATION CYCLES (ENG)
9	11:20 - 11:30	WERONIKA STAWIŃSKA
		(Kozminski University in Warsaw)
		THE RIGHT TO THE COURT FOR AN ADMINISTRATIVE OFFENSES IN POLAND AND IN GERMANY
10	11:30 – 11:40	ANNA STERNA
10	11.30 – 11.40	(Ward for Personality Disorder's and Neurosis's Treatment, Psychiatric Hospital, Międzyrzecz, Poland)
		WHAT HAPPENS BETWEEN PSYCHOTHERAPIST, MR. YAVIS AND MR. HOUND?
		PSYCHOTHERAPIST'S EXPECTATIONS TOWARDS PATIENTS
11	11:40 – 11:50	FRANCISZEK WRÓBEL
		(The John Paul II Catholic University of Lublin) I AM IN THE (VIRTUAL) WORLD - BLURRING THE BOUNDARIES BETWEEN THE REAL
		AND THE VIRTUAL) WORLD - BLURRING THE BOUNDARIES BETWEEN THE REAL AND THE VIRTUAL WORLD AS A CHALLENGE FOR THE YOUNG GENERATION

June 05, 2021



Presentations

1 PRZEMYSŁAW MIROSŁAW PAZDER

(Pomeranian University in Slupsk)

POLISH MARCHLEWSKI AUTONOMOUS ETHNIC REGION IN UKRAINE (1925-1935)

2 PRZEMYSŁAW MIROSŁAW PAZDER

(Pomeranian University in Slupsk)

POLISH NATIONAL REGION FELIKS DZERZHINSKY

3 MATEUSZ BOCZAR

(FIS Technology Services (Poland), Marii Sklodowskiej-Curie 12, 50-381 Wroclaw, Poland) NEGATIVE APPROACH IN SOCIAL SCIENCES (ENG)

4 ROKSANA CZUBA

(John Paul II Catholic University of Lublin)

MEDIATION, OR A METHOD OF RESOLVING ADMINISTRATIVE DISPUTES

5 JAKUB CZYŻYKOWSKI

(University of Gdansk)

MODERN EUROPE'S MODIFICATIONS OF INTERNATIONAL REFUGEE LAW

6 AGATA DRÓŻDŻ

(Jan Kochanowski University of Kielce)

INTERPERSONAL DIFFICULTIES IN PEOPLE WITH CLUSTER B PERSONALITY DISORDERS

7 IRMINA FLOREK

(Maria Curie-Sklodowska University)

THE IMPORTANCE OF STUDENTS' FINANCIAL LITERACY - COMPARATIVE ANALYSIS OF INTERNATIONAL INDEXES

8 PIOTR FRELKE

(University of Silesia in Katowice)

PHILOSOPHY AS AN ART OF LIFE

9 **ALBERT GUZIAK**

(University of Warsaw)

PHRASEOLOGY IN THE LANGUAGE OF POLITICS - SELECTED ISSUES

10 ALEKSANDRA KORCZYC

(University of Warsaw)

ENERGY TRANSFORMATION IN POLAND AFTER 2020

11 WERONIKA KOSMALSKA

(Adam Mickiewicz University)

THE NEW FACE OF MICKIEWICZ. THE LANGUAGE OF THE PARISIAN LECTURES AND "THE PEOPLE'S TRIBUNE"

12 ALINA NOWAK

(University of Silesia in Katowice)

DISCOVERING AND SUPPORTING THE CHILD'S ABILITIES - MODERN CONCEPTS

13 NATALIA PENDZIAŁEK

(University of Silesia in Katowice)

GAMIFICATION - MODERN PROBLEMS REQUIRE MODERN SOLUTIONS

14 MARTYNA PERZAN

(University of Warmia and Mazury in Olsztyn)

SOCIAL RELATIONS OF YOUNG ADULTS DURING THE PANDEMIC

15 ZUZANNA POREBOWICZ

(The Maria Grzegorzewska University)

THE ZONE OF PROXIMAL DEVELOPMENT (ZPD). WHAT IS IT? HOW DOES IT WORK? WHY IS IT IMPORTANT?

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16 JOANNA SKRABURSKA

(PhD student at the Naval Academy in Gdynia)

BORDER MANAGEMENT IN THE CONTEXT OF THE MIGRATION CRISIS IN THE EU

17 MONIKA STRZELECKA

(Catholic University of Lublin)

IDENTITY CHANGES AS A RESULT OF LIFE STORY TELLING

18 AGNIESZKA TYCZKA-NOWAK

(Adam Mickiewicz University in Poznań)

HOW TO TEACH VOCABULARY TO STUDENTS WITH AUTISM SPECTRUM DISORDER? (ENG)

19 JULIA UKLEJA

(University of Warmia and Mazury in Olsztyn)

THE IMPORTANCE OF HOMEWORK IN THE TEACHING PROCESS

20 JERZY FRYDERYK WOJCIECHOWSKI

(Adam Mickiewicz, University)

AVANT-GARDE TERROR - AN OUTLINE OF THE SITUATION OF COMPOSERS IN THE 1950S AND 1960S

21 SYLWIA ZAROŚLAK

(The Maria Grzegorzewska University)

FAIRY TALES, FABLES, STORIES AS A FORM OF THE STIMULATING CHILDREN'S DEVELOPMENT

22 DOMINIKA ZIEBA

(University of Rzeszów)

MONUMENTS' PROTECTION AS A COMMUNE'S OWN TASK

Posters

1 KATARZYNA CHOJNACKA

(The Maria Grzegorzewska University)

FORMS AND METHODS OF WORK IN KINDERGARTEN

2 CZESŁAW FLIŚNIK

(WSB University)

DIGITAL MEDIA AND MANAGEMENT IN TIMES OF CRISIS

3 KATARZYNA HAMANT

(SWPS University of Social Sciences and Humanities)

SERVICE-LEARNING AS A KEY TO STRENGTHENING YOUTH CITIZENSHIP COMPETENCES

4 KATARZYNA KRUPA

(The Maria Grzegorzewska University)

THE COMPARISON OF GLENN DOMAN METHOD AND TEACHING READING AND WRITING WITH MARIA MONTESSORI

5 ANGELIKA LENART

(Catholic University of Lublin John Paul II)

REVALIDATION CLASSES

6 MICHAŁ LUDEWICZ

(The John Paul II Catholic University of Lublin)

PORTRAITS OF DEMONS AND ETERNAL DAMNATION IN BEDE'S ECCLESIASTICAL HISTORY (ENG)

7 KAJA OPASIŃSKA

(INFAKO Sp. z o.o.)

SOCIO-EMOTIONAL COMPETENCES OF CHILDREN

8 KAJA OPASIŃSKA

(INFAKO Sp. z o.o.)

THEORY OF MIND IN DEAF CHILDREN

9 ALEKSANDRA SAWICKA

(Academy of Special Education in the name of M. Grzegorzewska in Warsaw)

PROBLEMS OF ADULTS WITH DYSLEXIA

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10 KATARZYNA TABIŚ

(University of Wroclaw)

RESEARCH ON THE POLISH VERSION OF BASIC PSYCHOLOGICAL NEED SATISFACTION AND FRUSTRATION SCALE – VALIDATION AND MEANING FOR WELL-BEING AND MENTAL HEALTH DISORDERS (ENG)

11 BEATA TUBEK

(Jagiellonian University)

INTERNAL AUDIT AS A TOOL CREATING ADDED VALUE IN THE MANAGEMENT OF A LOCAL AUTHORITY

12 WERONIKA WOJCIESZEK

(The Maria Grzegorzewska University)

A CHILD IN THE ROLE OF A TEACHER

13 KATARZYNA ZAGAŁA

(Cracow University of Economics)

RESEARCH ON CONSUMER AWARENESS OF THE IMPACT OF MENTAL ACCOUNTING ON FINANCIAL DECISIONS

MEDICAL SCIENCES SESSION

On-line Presentations

1 12:10 – 12:20 **PATRYCJA BEŁDZIŃSKA**

(University of Gdansk)

THE IMPACT OF PLATINUM NANOPARTICLES ON CISPLATIN AND CARBOPLATIN: INTERACTIONS AND BIOLOGICAL ACTIVITY OF THE ANALYZED COMPOUNDS (ENG)

2 12:20 – 12:30 **GABRIELA BLAT**

(State Higher School of Technology and Economics in Jarosław)

HPV AS A FACTOR IN THE DEVELOPMENT OF CERVICAL CANCER

3 12:30 – 12:40 **DARIA BUCZKOWSKA**

(Doctoral School of the University of Szczecin)

APPLICATIONS SUPPORTING PHYSICAL ACTIVITY AS A TOOL FOR PHYSICAL EDUCATION TEACHERS

4 12:40 – 12:50 **MATEUSZ DOBRZYŃSKI**

(Collegium Medicum Uniwersytetu Mikołaja Kopernika)

CAN REHABILITATION REPLACE RECONSTRUCTION? MANAGEMENT OF ANTERIOR CRUCIATE LIGAMENT INJURIES

5 12:50 – 13:00 KAROL GRYCZKA

(Nicolaus Copernicus University in Toruń Ludwik Rydygier Collegium Medicum in Bydgoszcz)
THYROID DYSFUNCTION AND THE RISK OF ALZHEIMER'S DISEASE

6 13:00 – 13:10 **NATALIA KALICKA**

(Student Scientific Circle "Kinezis" at the Department of Medical Rehabilitation and Clinical Physiotherapy)

VIRTUAL REALITY AS A METHOD OF REHABILITATION OF PATIENTS DURING A PANDEMIC

7 13:10 – 13:20 **BARTOSZ KULPA**

(Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz)
PD-1 / PD-L1 INHIBITORS IN ADVANCED NON-SMALL CELL LUNG CANCER

8 13:20 – 13:30 **PAULINA KWAŚNIK**

(Medical University of Lublin)

IMMUNOLOGICAL AND MOLECULAR CHARACTERISTICS OF CHRONIC MYELOID LEUKEMIA PATIENTS AFTER STOPPING IMATINIB

9 13:30 – 13:40 **NATALIA LIS**

(State Higher School of Technology and Economics in Jarosław)

NUTRITION OF THE ELDERLY

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(Intercollegiate Faculty of Biotechnology UG & MUG, Laboratory of Biophysics)
PLATINUM NANOPARTICLES AND THEIR IMPACT ON DOXORUBICIN ACTIVITY (ENG)

Coffee Break

11 14:00 – 14:10 **PATRYCJA MŚCIWUJEWSKA**

(State Higher School of Technology and Economics in Jaroslaw)
PREVENTION IS BETTER THAN CURE – CANCEROUS DISEASES

12 14:10 – 14:20 **SZCZEPAN OLSZEWSKI**

(Gdansk College of Health - Students' Science Club - Dietetyka WSZ) OXIDATIVE STRESS – FRIEND OR ENEMY?

13 14:20 – 14:30 **ANASTAZJA POCZTA**

(University of Lodz)

NEW MELPHALAN ANALOGS AS INDUCERS OF MITOTIC CATASTROPHE AND APOPTOSIS IN HEMATOLOGICAL MALIGNANCY CELLS (ENG)

14 14:30 – 14:40 **PATRYCJA ŚLIWIŃSKA**

(Gdansk University of Physical Education and Sport)

BODY IMAGE AND PHYSICAL ACTIVITY OBJECTIVES PHYSICAL EDUCATION TEACHERS

15 14:40 – 14:50 **NATALIA TYNDORF**

(Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)
PSYCHODERMATOLOGY – THE INFLUENCE OF STRESS ON THE CONDITION OF THE SKIN

16 14:50 – 15:00 **NATALIA WOJTAROWICZ**

(University School of Physical Education in Wroclaw)

ASSESSMENT OF THE FUNCTIONAL STATE OF NON-PROFESSIONAL CROSSFIT ATHLETES

17 15:00 – 15:10 **WOJCIECH ZEZULIŃSKI**

(Students Scientific Association at the Chair and Department of Medical Microbiology,

Medical University of Lublin)

DISINFECTION, ANTISEPSIS AND ASEPTICS DURING COVID 19 PANDEMIC

18 15:10 – 15:20 **JULIA ZYŚK**

(Medical University of Lublin)

MICROFLORA ON DISPOSABLE MASKS ACCORDING TO THE TIME OF USE

19 15:20 – 15:30 **DAWID ŻYREK**

(Wroclaw Medical University)

CROSS-RESISTANCE TO METHOTREXATE AND AZOLES IN CANDIDA SPP. STRAINS ISOLATED FROM PATIENTS TREATED WITH CYTOSTATICS

Presentations

1 AGNIESZKA ARENDT-GARBULA

(Gdansk College of Health)

SMALL INTESTINAL BACTERIAL OVERGROWTH (SIBO) - SYMPTOMS AND DIAGNOSIS

2 MAGDALENA DANISZEWSKA

(Gdansk College of Health)

DIET TREATMENT AND MANAGEMENT OF SIBO

3 ADRIANNA BARAN

(Medical University of Lublin)

WE APPRECIATE WHEN WE LOSE – POSTTRAUMATIC GROWTH AMONG PATIENTS SUFFERING FROM CANCER

4 NATALIA BIAŁOŃ

(Medical University of Silesia in Katowice)

INFLUENCE OF GUT MICROBIOME ON THE BRAIN

5 KLAUDIA BONOWICZ

(Collegium Medicum UMK, Bydgoszcz, Poland)

ARTIFICIAL NEURAL NETWORK AS A WAY TO IDENTIFY CELLULAR SENESCENCE (ENG)

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6 MARLENA BUDEK

(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń) SMALL BOWEL NEUROENDOCRINE TUMORS – BRIEFLY ON PATHOPHYSIOLOGY, DIAGNOSIS AND TREATMENT

7 MARLENA BUDEK

(Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)
5-HYDROXYINDOLEACETIC ACID – IS IT STILL IMPORTANT IN THE DIAGNOSIS OF NEUROENDOCRINE TUMORS?

8 TYMON BYKOWSKI

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)

THE ROLE OF SELECTED DISORDERS OF LIPID METABOLISM IN THE PATHOGENESIS OF ALZHEIMER'S DISEASE

9 JUSTYNA CABAJ

(Medical University of Lublin)

ANTITUMOR ACTIVITY OF BETULIN AND ITS DERIVATIVES, WITH PARTICULAR EMPHASIS ON LUNG CANCER THERAPY

10 KORNELIA CICHOŃ

(Students' scientific circle of cell biology and ultrastructure department of histology and embryology, Nicolaus Copernicus University in Toruń, Ludwik Rydgier Collegium Medicum in Bydgoszcz, Poland)

THE EFFECT OF VITAMIN A IN THE TREATMENT OF PATIENTS WITH OVARIAN CANCER

11 MAGDALENA DEBIEC

(Medical University of Silesia)

FRIEND OR FOE? THE ROLE OF ENDOGENOUS FACTORS IN UNDERSTANDING NEURAL STEM CELL BIOLOGY

12 **DOMINIK DUDEK**

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)

ROLE OF MICRORNA IN PARKINSON'S DISEASE

13 KATARZYNA DUDZIŃSKA

(University of Rzeszow)

PHYSICAL ACTIVITY OF OFFICIALS FROM MIELEC

14 WERONIKA FALECKA

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)

CORRELATION BETWEEN PARKINSON'S DISEASE AND MELANOMA

15 DAWID GAWEŁ

(Jerzy Kukuczka Academy of Physical Education in Katowice)

ACUTE AND CHRONIC IMPACT OF BLOOD FLOW RESTRICTION ON MAXIMAL STRENGTH (ENG)

16 MARTA HAŁAS-WIŚNIEWSKA

(Nicolas Copernicus University in Toruń, Collegium Medicum in Bydgoszcz)

THE EFFECT OF EZRIN EXPRESSION ON MIGRATION POTENTIAL OF CANCER CELL LINES

17 JUSTYNA JANDERNAL

(Regional Specialist Hospital Dr Władysław Biegański in Grudziądz)

ADVANCED COLON CANCER - TREATMENT BASED ON CURRENT GUIDELINES

18 **DORIAN JAREK**

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)

ROLE OF PTAU181 IN PATOGENESIS OF ALZHEIMER'S DISEASE

19 KAROLINA KARAŚ

(Student research club of travelers, University of Rzeszow)

PHYSICAL ACTIVITY OF SCHOOL-AGE YOUNG PEOPLE IN PRIMARY SCHOOL IN KSIĘŻPOL

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20 KAMILA KASPRZAK-DROZD

(Medical University of Lublin)

TLC-DPPH AS A METHOD FOR DETERMINING THE ANTIOXIDANT PROPERTIES OF FUNCTIONAL FOOD (THEORETICAL BASICS AND ANALYSIS)

21 JOANNA KRUSZKA

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)

OXIDATIVE STRESS IN HUNTINGTON'S DISEASE

22 AGNIESZKA ŁASKA-JESIONOWSKA

(University of Lodz)

HYDROXY ACIDS AND THEIR ROLE IN ANTI-ACNE THERAPY (ENG)

23 BARBARA MADOŃ

(Student Research Circle at the Chair and Department of Epidemiology and Clinical Research Methodology, Medical University of Lublin)

POTENTIAL ROLE OF GUT MICROBIOTA IN COURSE AND DEVELOPMENT OF DIABETES MELLITUS

24 JAN MILANOWSKI

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)

ROLE OF SELECTED PRO-INFLAMMATORY CYTOKINES IN HUNTINGTON'S DISEASE

25 MICHAŁ MROTEK

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)

REMYELINATION IN MULTIPLE SCLEROSIS – ITS IRREGULARITIES AND THERAPEUTIC OPPORTUNITIES

26 PAULINA MUCHA

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń)

THE IMPACT OF MENTAL HEALTH ON THE PERCEPTION OF PHYSICAL PAIN

27 PAWEŁ MYŚLIBORSKI-WOŁOWSKI

(Department of Clinical Oncology in Grudziądz

NUTRITIONAL TREATMENT OF CANCER PATIENTS

28 AGNIESZKA NAWROCKA

(Students Research Group of Cell Biology and Ultrastructure, Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz)

SARS-COV-2 - THERAPEUTIC STRATEGIES IN VITRO - A REVIEW

29 MALWINA NOWOSADA

(Gdansk College of Health)

HEALTH PROMOTING PROPERTIES OF COFFEE

30 PAULINA PELC

(Medical University in Lublin)

POCHP- EDUCATIONAL ROLE OF THE NURSE

31 MAGDA PIĄTKOWSKA

(Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz)

THE ROLE OF METALLOPROTEINASES IN CANCER PROGNOSIS AND THERAPY

32 EWA PIEKARSKA

(Student Scientific Association at Department of Epidemiology and Clinical Research Methodology Medical University of Lublin)

MALE INFERTILITY AND VITAMIN D (ENG)

33 ZOFIA PIETRZAK

(Student Scientific Association at the Department and Clinic of General and Children's Ophthalmology of the Medical University of Lublin)

THE EFFECT OF DRUGS ON THE ORGAN OF VISION

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34 KAMIL PYTLAK

(Jan Kochanowski University of Kielce)

PREVENTION OF DIABETES COMPLICATIONS CONCERNING ROLE OF MODERN PHARMACOTHERAPY

35 AGATA ROLNIK

(University of Lodz)

ANTIOXIDANT PROPERTIES OF PREPARATION FROM CUCURBITS VEGETABLES IN 'IN VITRO' STUDIES (ENG)

36 DARIA RUDNIK

(University School of Physical Education in Wrocław)

THE VENTRAL SWIMMING START: STATE OF THE ART (ENG)

37 JAGODA SKRZESZEWSKA

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)

THE EFFECT OF COFFEE CONSUMPTION ON TYPE 2 DIABETES

38 AGATA SŁADEK

(School of Health Sciences at the Medical University of Silesia)

THE PROBLEM OF RECTUS ABDOMINIS DIASTASIS IN PHYSIOTHERAPY. WOMEN'S AWARENESS OF THE RECTUS ABDOMINIS DIASTASIS DURING PREGNANCY AND AFTER CHILDBIRTH. PREVENTION AND THERAPY

39 **DOROTA SZPYTMA**

(Medical University of Lublin)

BURNOUT PROBLEM AMONG HEALTH CARE WORKERS

40 ANITA ŚWIERZ

(Student Research Club of Department of Clinical Chemistry and Laboratory Diagnostics, Medical University of Silesia) TNF-A INHIBITORS THERAPY IN RHEUMATOID ARTHRITIS

41 NATALIA TARASEK

(Scientific Circle at the Chair and Department of Immunology and Serology, Medical University of Silesia in Katowice) STARVATION – ALLY OR ENEMY OF THE IMMUNE SYSTEM?

42 NATALIA WILCZEK

(Student Research Circle at the Chair and Department of Epidemiology and Clinical Research Methodology, Medical University of Lublin)

APPLICATION OF ARTIFICIAL INTELLIGENCE (AI) IN MAMMOGRAPHY

43 NATALIA WILCZEK

(Student Research Circle at the Chair and Department of Epidemiology and Clinical Research Methodology, Medical University of Lublin)

THE POTENTIAL ROLE OF VITAMIN D IN DEVELOPMENT OF AUTISM SPECTRUM DISORDER

44 WIOLETTA ZIELIŃSKA

(Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)

COLLECTIVE VS. SINGLE CELL MIGRATION. HOW TO STUDY MIGRATION IN CELL CULTURE?

45 WIOLETTA ZIELIŃSKA

(Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)

TRPM2 CLACIUM CHANNEL IN INFLAMMATORY RESPONSE OF ENDOTHELIAL CELLS

46 ALICJA ZIĘTARA

(Students Research Club of Medical Biology, Ludwik Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus University in Toruń)

PREVENTION OF ALZHEIMER'S DISEASE

Posters

1 EMILIA DOMEL

(Medical University of Bialystok)

OXIDATIVE STRESS AND THE HEALING OF CRANIOFACIAL BONES

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2 MARTYNA KUCZYŃSKA

(University of Gdańsk)

PSORIASIS AND STRESS

3 MARTYNA KUCZYŃSKA

(University of Gdańsk)

PSORIASIS AND OBESITY

4 AGNIESZKA SKIBSKA

(Medical University of Lodz)

SHIKIMIC ACID AS AN INHIBITOR OF TYROSINASE ACTIVITY IN SKIN PIGMENTATION DISORDERS

5 ALEKSANDRA WOLSKA

(Screening Laboratory of Biological Activity Tests and Collection of Biological Material,

Wroclaw Medical University Biobank)

SYNTHESIS AND EVALUATION OF BIOLOGICAL ACTIVITY OF NEW 5-(IMINOMETHYL) PYRIMIDINE DERIVATIVES

6 ALEKSANDRA WOLSKA

(Screening Laboratory of Biological Activity Tests and Collection of Biological Material,

Wrocław Medical University Biobank)

THE POLISH BIOBANKING NETWORK - THE NEXUS BETWEEN GOOD RESEARCH BASED ON HIGH QUALITY PILLARS EXPLOITING NATIONAL SCIENTIFIC POTENTIAL IN COOPERATION WITH EUROPEAN BIOBANKING INFRASTRUCTURE BBMRI-ERIC

7 ANNA MARIA ZOŃ

(Wroclaw Medical University)

CARDIOVASCULAR SYSTEM MANIFESTATION OF COVID-19

8 ANNA MARIA ZOŃ

(Wrocław Medical University)

DIFFERENT FACES OF CORONARY ARTERY SYNDROMES

TECHNICAL SCIENCES SESSION

On-line Presentations

1 15:40 – 15:50 SZYMON SENYK, ARKADIUSZ CHODKIEWICZ

(Doctoral School, Military University of Technology, Warsaw)

ANALYSIS OF THE PROPERTIES OF HEXAGONAL MICRO AND NANO BORON NITRIDE AS AN ADDITIVE TO LUBRICANTS

2 15:50 – 16:00 **CEZARY DRENDA**

(AGH University of Science and Technology)

ANALYSIS OF TRIBOLOGICAL PROPERTIES AT ELEVATED TEMPERATURE OF WELDED LAYERS

3 16:00 – 16:10 **RAFAŁ DUNAL**

(Lodz University of Technology)

ORGANIC FIELD EFFECT TRANSISTORS MADE BY SOLUTION METHODS

4 16:10 – 16:20 **PIOTR HAŁUBEK**

(AGH University of Science and Technology)

ARE URBAN CABLEWAYS COMFORTABLE FOR PASSENGERS? VIBRATION MEASUREMENTS IN MEANS OF PUBLIC TRANSPORT

5 16:20 – 16:30 **ALICJA HOŁOWIECKA**

(Lublin University of Technology)

THE (UN)BREAKABLE ENIGMA - MATHEMATICAL METHODS OF BREAKING ENIGMA'S CIPHER

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6 16:30 – 16:40 **MATEUSZ KOPEC**

(Institute of Fundamental Technological Research Polish Academy of Sciences, Warsaw)
A NOVEL FAST LIGHT ALLOYS STAMPING TECHNOLOGY (FAST) FOR COMPLEX TITANIUM ALLOY COMPONENTS (ENG)

7 16:40 – 16:50 **MICHAŁ PALCZEWSKI**

WHICH WAY FURTHER IN PHYSICS? (ENG)

8 16:50 – 17:00 **IGOR PERLIKOWSKI**

(Wroclaw University of Science and Technology)

CZTS - A NEW MATERIAL FOR THIN FILM PHOTOVOLTAICS: FUNDAMENTAL STUDIES

9 17:00 – 17:10 **MICHAŁ STARCZEWSKI**

(Silesian University of Technology; Zlotecki Sp. z o.o.)

IMPROVING THE QUALITY OF PISTON CASTINGS MADE OF NEAR-EUTECTIC AL-SI ALLOYS – THE IMPACT OF THE USE OF PRODUCTION RETURNS ON THE QUALITY OF THE RAW MATERIAL

10 17:10 – 17:20 **BARBARA STEPIEŃ**

(AGH University of Science and Technology)

ANALYSIS OF THE INFLUENCE OF SELECTED FACTORS ON GEOMETRICAL PARAMETERS OF THE SURFACE LAYER OF MAGNETICALLY ABRASIVE PROCESSED ELEMENTS WITH THE USE OF MAGNETORHEOLOGICAL FLUIDS

11 17:20 – 17:30 **RADOSŁAW SZYMON**

(Wroclaw University of Science and Technology)

PHONON SPECTRA ANALYSIS FOR INVESTIGATION OF PROPERTIES OF ALGAN/GAN/ALN NANOWIRES

12 17:30 – 17:40 **ANNA TEKIELI**

(Cracow University of Technology)

THE IMPACT OF BETALAINS ON ANTIMICROBIAL ACTIVITY OF MULTI-COLOURED P. GRANDIFLORA PETALS

Presentations

1 KATARZYNA BEDNARCZYK

(University of Lodz)

THE USE OF VARIOUS METAL CITRATES IN THE SYNTHESIS OF GOLD NANOPARTICLES

2 ANNA FENYK

(University of Lodz)

FUNCTIONAL SMART MATERIALS AND THEIR CURRENT IMPORTANCE AND APPLICATIONS

3 SZYMON GODEK

(Main School of Fire Service)

THE IMPACT OF SARS-COV-2 ON THE WORK OF THE OHS SERVICE

4 KAROL GRZELAK

 $(Lodz\ University\ of\ Technology)$

RECONSTRUCTION PROCESS OF COMPLEX SHAPED PART USING 3D SCANNING

5 KATARZYNA JANKOWSKA

(Poznan University of Technology)

REMOVAL OF DYES FROM AQUEOUS SOLUTIONS BY SYSTEM MADE OF LACCASE/ELECTROSPUN FIBERS/MEMBRANE (ENG)

6 KAROLINA KOPROWSKA

(University of Lodz)

SYNTHESIS OF NEW FLUOROPHORES - DERIVATIVES OF 2-ADAMANTYL- AND 2,7-DIADAMANTYLPYRENE

7 KAROLINA KOPROWSKA

(University of Lodz)

SYNTHETIC AND NATURAL COMPONENTS OF FRAGRANCE COMPOSITION

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8 AGNIESZKA LECH

(University of Lodz)

THE USE OF POLYPHENOLS IN THE SYNTHESIS OF SILVER NANOPARTICLES

9 AGNIESZKA MAŃKOWSKA

(Lodz University of Technology)

COMMUNITY ARCHITECTURE /TEMPORARY ARCHITECTURE IN SOCIAL SERVICE/ (ENG)

10 ADRIAN NOWAK

(Czestochowa University of Technology)

INFLUENCE OF THE MODIFICATION OF ALUMINOSILICATE GLASSES ON VISCOSITY AND ACIDITY MODULUS

11 ADAM PAŃKO

(AGH University of Science and Technology)

PATTERN RECOGNITION AND ELECTROFACIES IDENTIFICATION USING ARTIFICIAL INTELLIGENCE (AI)

12 ANNA PIETRZYK

(Student Research Club by Department of Cosmetic and Pharmaceutical Chemistry,

Pomeranian Medical University in Szczecin)

THE EFFECT OF EXTRACTION CONDITIONS ON THE ANTIOXIDANT PROPERTIES OF ALCOHOLIC EXTRACTS OF APRICOT (PRUNUS ARMENIACA L.) LEAVES COLLECTED AFTER THE VEGETATION

13 BARBARA POPANDA

(AGH University of Science and Technology)

EFFECT OF SOLVENT AND CATALYST TYPES ON STABILITY AND PROPERTIES OF METAL PHTHALOCYANINE IN THE HYBRID GLASS

14 ALEKSANDRA RZESZOWSKA

(Wrocław University of Science and Technology)

MODEL-BASED CONTROLLERS IN CONTROL OF DYNAMIC OBJECTS

15 MARIETTA SZEWCZYK

(Silesian University of Technology)

GLYCOCONJUGATION OF NATURAL BIOLOGICALLY ACTIVE COMPOUNDS AS A METHOD OF OBTAINING POTENTIAL ANTICANCER AGENTS

16 JOANNA SZEWCZYK

(Poznan University of Technology)

EXPERT SYSTEMS IN MEDICINE

Posters

1 FILIP BORYS

(Warsaw University of Technology)

SYNTHESIS AND STUDY OF DIBENZO[B, F]OXEPINE COMBINED WITH FLUOROAZOBENZENES – NEW PHOTOSWITCHES FOR APPLICATION IN BIOLOGICAL SYSTEMS (ENG)

2 ANNA BRUDNY

(Łukasiewicz Research Network — Institute of Non-Ferrous Metals)

INFLUENCE OF SHIELDING GASES USED IN WAAM TECHNOLOGY ON THE GEOMETRY OF THE ELEMENTS PRINTED USING CUAL8 ALLOY (ENG)

3 KINGA CZARNOTA

(Jagiellonian University)

APPLICATION OF BIOORTHOGONAL HETERO-DIELS—ALDER CYCLOADDITION OF 5-ARYLIDENE DERIVATIVES OF 1,3-DIMETHYLBARBITURIC ACID AND VINYL THIOETHER FOR IMAGING INSIDE LIVING CELLS

4 MATEUSZ DUBICKI

(West Pomeranian University of Technology in Szczecin)

EVALUATION OF THE ANTIBACTERIAL PROPERTIES OF CUNPS/TIO2-LOADED CARBON FIBERS BASED ON DEACTIVATION ENTEROBACTER CLOACAE AND BACILLUS SUBTILIS BACTERIA CELLS

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5 JOANNA DZIAŁKOWSKA

(Adam Mickiewicz University)

HIGHLY EFFECTIVE SUPPORTED IONIC LIQUID-PHASE (SILP) CATALYSTS: CHARACTERIZATION AND APPLICATION TO THE HYDROSILYLATION REACTION

6 DOMINIKA GOŁASZEWSKA

(University of Gdańsk)

HETEROGENEOUS PHOTOCATALYSIS AND ITS APPLICATION IN ENVIRONMENTAL PROTECTION

7 PAULINA HINC

(Adam Mickiewicz, University)

QUATERNARY AMMONIUM SALTS BASED ON BICYCLIC AMINES—SYNTHESIS AND ASSESSMENT OF THE APPLICATION POTENTIAL AS HARDENERS FOR EPOXY RESINS

8 AGNIESZKA KAŁAMAGA

(West Pomeranian University of Technology Szczecin)

EFFECT OF AMMONIA MODIFICATION OF SORPTION PROPERTIES OF CARBON MATERIALS PRODUCED FROM POLYFURFURYL ALCOHOL

9 RAFAL KUKAWKA

(Innosil Sp. z o.o.)

APPLICATION OF NEW BTH DERIVATIVE AS SUPPLEMENT OF STANDARD FUNGICIDAL PROGRAM IN STRAWBERRY CULTIVATION

10 ALEKSANDRA LOREK

(Adam Mickiewicz University)

4-VINYLBENZYL BASED IONIC LIQUIDS AS NOVEL POLYMERIZABLE GROUP OF COMPOUNDS

11 JOANNA PACYŃSKA

(Adam Mickiewicz University in Poznań)

DEVELOPMENT AND VALIDATION OF A MULTICLASS METHOD FOR ANALYSIS OF VETERINARY ANTIBIOTIC RESIDUES IN EGGS BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY (ENG)

12 MAGDA PESKA

(Military University of Technology)

METHODS OF HYDROGEN STORAGE IN THE AUTOMOTIVE INDUSTRY

13 **REGINA PRZYWARA**

(Rzeszow University of Technology)

INVESTIGATION OF PARTICLE SIZE DISTRIBUTION OF ADSORBENTS (ENG)

14 AGNIESZKA RACZYŃSKA

(Wrocław University of Science and Technology)

THE INFLUENCE OF GREEN SOLVENTS ON THE ENANTIOSELECTIVITY OF BIOTRANSFORMATION REACTIONS- IONIC LIQUIDS AND DEEP EUTECTIC SOLVENTS

15 MAGDALENA RZESZOTARSKA

(Military University of Technology)

IS IT POSSIBLE TO MANUFACTURE MG2FEH6 FROM AUSTENITIC STAINLESS STEEL?

16 ANDREA SZPECHT

(Adam Mickiewicz, University)

IONIC LIQUIDS BEARING ONE OR MORE 4-VINYLBENZYL GROUPS AS POLYMERIZATION INITIATORS FOR EPOXY RESINS (ENG)

17 PIOTR TOBIASZ

(Warsaw University of Technology, Faculty of Chemistry)

SYNTHESIS OF HYBRID DIBENZO[B,F]OXEPINE AND 4,4'-DIETHOXYBIPHENYL SUBUNITS

18 JADWIGA TOŁPA

(West Pomeranian University of Technology Szczecin)

COMPOSITION, DISTRIBUTION, CHARACTERISTICS AND APPLICATIONS OF ACTIVATED CARBONS (ENG)

19 ALICJA TROCKA

(Gdańsk University of Technology)

SYNTHESIS AND STUDY OF SPECTROSCOPIC PROPERTIES MOLECULAR PROBES FOR DETERMINING THE ABSOLUTE CONFIGURATION OF SECONDARY ALCOHOLS

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20 BARBARA ZAKRZEWSKA

(University of Warsaw)

ELECTROCATALYTIC PROPERTIES OF REDUCED-GRAPHENE-OXIDE SUPPORTED BY TRANSITION METAL HEXACYANOFERRATES AS AN EFFICIENT CATALYSTS FOR OXYGEN REDUCTION (ENG)

21 DAWID ZIELIŃSKI

(Poznan Science and Technology Park)

INVESTIGATION ON DABCO DICYANAMIDE IONIC LIQUIDS APPLICATION AS LATENT CURING AGENTS FOR EPOXY RESIN

NATURAL SCIENCES SESSION

On-line Presentations

1 17:50 – 18:00 KAROLINA BASIAK

(University of Wroclaw)

CAR-T AS A NOVEL ANTICANCER THERAPY: RECENT DISCOVERIES AND LIMITATIONS

2 18:00 – 18:10 ALEKSANDRA BURZACKA-HINZ

(University of Gdańsk)

HOW CAN TAXONOMIC REVISION AFFECT THE PROTECTION OF BIODIVERSITY?

3 18:10 – 18:20 **MAJA HARTUNG**

(University of Warmia and Mazury)

IMMUNOHISTOCHEMICAL CHARACTERIZATION OF PACAP EXPRESSION IN THE PIG ENTERIC NEURONS OF THE DUODENUM DURING STREPTOZOTOCIN INDUCTED HYPERGLICAEMIA CONDITIONS

4 18:20 – 18:30 **ADRIANNA MICHNIEWICZ**

University of Warmia and Mazury

EFFECT OF LOW AND HIGH DOSES OF ACRYLAMIDE ON THE EXPRESSION OF GALANIN (GAL) IN INTRAMURAL NEURONS OF THE PORCINE JEJUNUM

5 18:30 – 18:40 **JULIA SADOWSKA**

(University of Life Sciences in Lublin)

KEEPING AND BREEDING SOLITARY BEE – A WILD POLLINATOR FOR EVERYONE (OSMIA)

6 18:40 – 18:50 **KATARZYNA ZEGADŁO**

(Jan Kochanowski University of Kielce)

CHARACTERISTICS OF GENOME SEQUENCE OF PROTEUS MIRABILIS K817 (ENG)

18:50 End of the Conference

Presentations

1 BARBARA DUDA

(University of Life Sciences in Lublin)

NOSEMA – NOT ONLY BEE PARASITES (ENG)

2 PAULINA JEDYNAK

(Warsaw University of Life Sciences)

EFFECT OF MECHANICAL CONDITIONING ON GROWTH DYNAMICS AND AUXIN CONTENT IN SELECTED SPECIES OF ORNAMENTAL PLANTS

3 OSKAR KAMIŃSKI

(Adam Mickiewicz University in Poznań)

TISSUE ENGINEERING AS A TECHNIQUE OF REGENERATIVE MEDICINE

4 EWELINA MASIARZ

(Warsaw University of Life Sciences)

ASSESSMENT OF CONSUMER KNOWLEDGE ON DRIED FRUIT SNACKS AND THE AVAILABILITY OF THESE PRODUCTS ON THE POLISH MARKET

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5 EWELINA MASIARZ

(Warsaw University of Life Sciences)

THE USE OF DRYING IN THE PRODUCTION OF CEREAL-GRAIN BARS

6 KAMILA NURKOWSKA

(Silesian University of Technology)

COSMETIC POTENCIAL OF CENTELLA ASIATICA

7 KAMIL OSTROWSKI

(Adam Mickiewicz University in Poznań)

SYNTHESIS OF NEW CAFFEINE DERIVATIVES OF BIOLOGICAL ACTIVITY

8 JAKUB OSYPIUK

(University of Warmia and Mazury in Olsztyn)

CHALLENGES OF MODERN ANIMAL THERAPY

9 **JAKUB OSYPIUK**

(University of Warmia and Mazury in Olsztyn)

DOG ROLES IN HUMAN LIFE

10 ALEKSANDRA PURKIEWICZ

(University of Warmia and Mazury in Olsztyn)

ASSESSMENT OF THE SENSORY QUALITY OF THE DESIGNED DATE-BASED SNACK WITH INCREASED OIL CONTENT

11 JULIA SADOWSKA

(University of Life Sciences in Lublin)

DIET OF HONEYBEE - IMMUNO-STIMULATING FACTOR

12 KAROLINA SMYTKIEWICZ

(Institute of Soil Science and Plant Cultivation, State Research Institute)

USING THE SPAD INDEX TO ASSESS WINTER WHEAT NITROGEN NUTRITION UNDER DIFFERENT CULTIVATION SYSTEMS

13 IWONA SZYMAŃSKA

(Warsaw University of Life Sciences)

THE ROLE OF VARIOUS LIPIDS IN SHAPING THE STABILITY OF DAIRY CREAM ANALOGUES (ENG)

14 IWONA SZYMAŃSKA

(Warsaw University of Life Sciences)

IMPACT OF SONICATION TIME ON THE PROPERTIES OF O/W EMULSIONS WITH DIFFERENT LIPIDS (ENG)

15 MARTA WECŁAWSKA

(Adam Mickiewicz University in Poznan)

PETROGRAPHY OF POTTERY FROM TEL AKKO ON THE EXAMPLE OF MORTARIA

16 **JOANNA ZAZIĄBŁO**

(University of Opole)

INFLUENCE OF PHTHALOCYANINES ON MICROORGANISMS AND THEIR USE IN PACT THERAPY

Posters

1 MARTYNA CHOTOMSKA

(Wroclaw University of Environmental and Life Sciences)

NOVEL IFN- Γ REPORTER SENTINELS FOR THE REAL-TIME MONITORING OF LABORATORY MICE'S HEALTH (ENG)

2 KRZYSZTOF GOLBA

(University of Rzeszow)

STARCHES OF VARIOUS BOTANICAL ORIGIN USED IN THE FOOD INDUSTRY

3 SZYMON TOMASZ JUCHNIEWICZ

(Wroclaw University of Environmental and Life Sciences)

HYDROLYSIS OF POULTRY BY-PRODUCTS (ENG)

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4 BARTOSZ KAMIŃSKI

(University of Warsaw)

PEPTIDES BASED ON SER-HIS MOTIF IN PREBIOTIC REACTIONS

5 ALEKSANDRA KARPIESIUK

(University of Warmia and Mazury in Olsztyn)

THE PREVALENCE OF TOXIC FUNGI IN SELECTED DRIED PLANTS USED IN RABBIT NUTRITION

6 MARCIN LEWICKI

(University of Rzeszow)

SEA BUCKTHRON (HIPPOPHAË RHAMNOIDES L.) IN HUMAN NUTRITION

7 DOMINIKA NGUYEN NGOC

(Maria Curie-Sklodowska University)

DIRECT AND INDIRECT MECHANISMS FOR PLANT STIMULATION BY PLANT GROWTH PROMOTING RHIZOBACTERIA (PGPR)

8 WIOLETTA SEK

(Warsaw University of Life Sciences)

MICROBIOLOGICAL ANALYSIS UNPASTEURIZED VEGETABLE JUICES

9 KORNELIA STEINDEL

(Wroclaw University of Science and Technology)

GRANZYME A ACTIVATES PROGRAMMED CELL DEATH

10 MAGDALENA WADRZYK

(Wrocław University of Science and Technology)

WHAT DO WE KNOW ABOUT HUMAN NEUTROPHIL SERINE PROTEASE 4?

11 KAROLINA WORONKO

(University of Szczecin)

AS-PCR BASED DETECTION AND IDENTIFICATION OF GLU-A1 HIGH MOLECULAR WEIGHT GLUTENIN SUBUNITS (HMW-GS) IN POLISH COMMON WHEAT CULTIVARS (TRITICUM AESTIVUM L.)

12 KAROLINA WORONKO

(University of Szczecin)

HOW DO ENVIRONMENTAL FACTORS INFLUENCE THE END-USE QUALITY OF COMMON WHEAT (TRITICUM AESTIVUM L.)?

13 NATALIA ŻUREK

(University of Rzeszow)

POLYPHENOL PROFILE AND ANTIOXIDANT ACTIVITY OF CRATAEGUS LAEVIGATA X RHIPIDOPHYLLA X MONOGYNA FLOWERS, LEAVES AND FRUITS EXTRACTS