



INTERNATIONAL CONGRESS ON NATURAL, HEALTH SCIENCES AND TECHNOLOGY

PROGRAMME



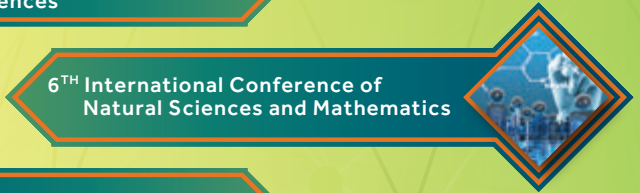
9TH International Balkan
Conference in Sport Sciences



8TH International Scientific
Conference on Applied Sciences



7TH International Scientific
Conference of the Faculty of
Medical Sciences



6TH International Conference of
Natural Sciences and Mathematics



4TH International Conference of
Food Technology and Nutrition



2ND International Conference on
Sustainable Agriculture Farming
Systems

15 – 17 May, 2024
Tetova, North Macedonia



PROGRAMME

INTERNATIONAL CONGRESS ON NATURAL, HEALTH SCIENCES AND TECHNOLOGY

Organized by:
University of Tetova
Tetova, North Macedonia

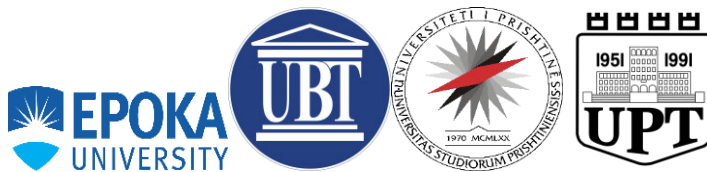
15-17 May, 2024

Partnerships:

9th International Balkan Conference in Sport Sciences



8th International Scientific Conference on Applied Sciences



6th International Conference of Natural Sciences and Mathematics



4th International Conference of Food Technology and Nutrition



2nd International Conference on Sustainable Agriculture Farming Systems



7th International Scientific Conference of the Faculty of Medical Sciences



Covered:

- **9th International Balkan Conference in Sport Sciences**
- **8th International Scientific Conference on Applied Sciences**
- **6th International Conference of Natural Sciences and Mathematics**
- **4th International Conference of Food Technology and Nutrition**
- **2nd International Conference on Sustainable Agriculture Farming Systems**
- **7th International Scientific Conference of the Faculty of Medical Sciences**

Sponsors:



KNAUF



Dauti - Komerc



VEZESHARRI®

Wednesday, May 15, 2024

University of Tetova

11:00 – 13:00	Registration
Chairs	Prof. Dr. Shpresa Memishi <i>Dean of the Faculty of Physical Education</i>
	Prof. Dr. Enis Jakupi <i>Dean of the Faculty of Applied Sciences</i>
	Prof. Dr. Alit Ibraimi <i>Dean of the Faculty of Natural Sciences and Mathematics</i>
	Prof. Dr. Xhezair Idrizi <i>Dean of the Faculty of Food Technology and Nutrition</i>
	Asst. Prof. Dr. Bardhyl Limani <i>Dean of the Faculty of Agriculture and Biotechnology</i>
	Prof. Dr. Nevzat Elezi <i>Dean of the Faculty of Medical Sciences</i>

13:00 – 14:00

Opening Ceremony

Amphitheatre “Sevasti dhe Parashqevi Qiriazhi”

***“THE FUTURE OF TEACHING: HOW
GENERATIVE AI AND AI AGENTS ARE
TRANSFORMING EDUCATION”***

Lasse ROUHIAINEN

***“DRIVING PROGRESS THROUGH
PARTNERSHIP: HOW TIMAK'S INDUSTRY-
ACADEMIA COLLABORATION SHAPES
FUTURE TECHNOLOGIES”***

Arjeta PUCA

14:00 – 14:30

Welcome drink

14:30 – 16:00

Plenary session

ISCFMS

14:30 – 16:00

Parallel sessions

ICNSM, ISCAS, ICSAFS, ICFTN, IBCSS

16:00 – 16:30

COFFEE BREAK

16:30 – 18:00

Parallel sessions

**ISCFMS, ICNSM, ISCAS, ICSAFS, ICFTN,
IBCSS**

Thursday, May 16, 2024

University of Tetova

11:00

Faculty of Applied Sciences | Workshop
**“CHALLENGES OF MODERN
CONSTRUCTION - REGULATION, NEW
TECHNOLOGIES & DIGITIZATION”**
*Laboratory for Testing and Control of
Construction Materials*

11:00 – 13:00

**Faculty of Natural Sciences and Mathematics |
Panel Discussion**
**“OPPORTUNITIES AND CHALLENGES OF
WOMEN WHO STUDIED MATHEMATICS
SUCCESS STORIES - MOTIVATION,
ENCOURAGEMENT AND SUPPORT”**

10:00 – 12:00

**Faculty of of Food Technology and Nutrition |
Workshop**
**“ANALYSIS OF FOOD BY GPC/SEC -
THEORY AND BACKGROUND”**
Prof. Artur SZWENGIEL
Amphitheatre “Abdylselam Emini”

10:00 – 14:00

Faculty of Medical Sciences | Workshop

**“BASIC COURSE IN IMPLANTOLOGY
PRINCIPLES, DIAGNOSTICS AND
PLANNING OF IMPLANT”**

Faculty of Philology | Amphitheatre 146

13:00 - 16:00

Poster Presentations - ISCFMS

Friday, May 17, 2024

University of Tetova

11:00

Faculty of Medical Sciences | Workshop
“BLS WORKSHOP HANDS ON PRACTICE”
Faculty of Economics | Hall 109

11:00 – 15:00

Faculty of Medical Sciences | Workshop
**“BASIC COURSE OF FIXED
ORTHODONTICS”**
Faculty of Philology | Amphitheatre 146

Wednesday, May 15, 2024

11:00 – 13:00

Registration

14:30 – 16:00
Welcome & Keynote Speeches
(Plenary Sessions)

Amphitheatre
“Sevasti dhe
Parashqevi
Qiriazhi”

7th International Scientific
Conference of the Faculty of
Medical Sciences

Wednesday, May 15, 2024

9th International Balkan Conference in Sport Sciences IBCSS

Time/Halls	Hall A	Hall B
14:30 – 16:00	<i>Session 1</i>	<i>Session 1</i>
16:00 – 16:30	Coffee break	
16:30 – 18:00	<i>Session 2</i>	<i>Session 2</i>

Wednesday, May 15, 2024

9th International Balkan Conference in Sport Sciences

Session 1 | Hall A

14:30 - 16:00

Chairs **Fadil REXHEPI, Shpresa MEMISHI, Hasim RUSHITI**

Speakers

METHODS FOR MONITORING TRAINING LOAD AND ASSESSING NEUROMUSCULAR PERFORMANCE

Mark DODAJ, Agron KASA

EVALUATING THE ROLE OF CYP1A2 rs762551 GENE POLYMORPHISM ON ARROWHEAD AGILITY DRILL TEST PERFORMANCE IN ACTIVE YOUNG MEN

Esra YILDIZ, Mesut CERIT, Murat ANILIR

EVALUATING THE INFLUENCE OF THE CYP1A2 rs762551 GENE POLYMORPHISM ON THE PERFORMANCE OF PHYSICALLY ACTIVE ADULT MALES IN THE YO-YO INTERMITTENT RECOVERY 2 TEST

Didem ÇATALO, Mesut CERIT, Selin YILDIRIM TUNCER

**EVALUATION OF THE EFFECTS OF ACE
GENE POLYMORPHISM ON YO-YO
INTERMITTENT RECOVERY 2 TEST
PERFORMANCE IN ACTIVE YOUNG MEN**

*Hakan DAKILIR, Mesut CERIT, Metin DALIP, Lejla
AJRUSH, Jon ISMAILI*

**THE STATUS OF PHYSICAL GROWTH AND
MOVEMENT DEVELOPMENT OF LOWER
SECONDARY SCHOOL CHILDREN IN THE
SEVEN REGIONS OF KOSOVO**

*Iilir GLLAREVA, Hasim RUSHITI, Alim
HAJREDINI, Besim HALILAJ*

**MOTIVATION AND KNOWLEDGE OF
SWIMMING AMONG STUDENTS AGED 11
AND 14 IN THE MUNICIPALITY OF FERIZAJ**

*Lirie MALIQI, Hasim RUSHITI, Alim HAJREDINI,
Besim HALILAJ, Iilir GLLAREVA*

**12 WEEKS EFFECT OF PLYOMETRIC
TRAINING ON ANTHROPOMETRIC
MEASURES AND PHYSICAL FITNESS
PERFORMANCE IN 14-YEAR-OLD BOYS**

Astrit ISENI, Muamer ABDULLAI

Wednesday, May 15, 2024

9th International Balkan Conference in Sport Sciences

Session 1 | Hall B

14:30 - 16:00

Chairs **Hyjnor KICA, Kastriot SHAQIRI, Fatmir PIREVA**

Speakers

**BULLYING IN SPORTS: ANALYSIS AND
MANAGEMENT STRATEGIES IN SCHOOL
SPORTING ENVIRONMENTS**

Francesco VITOBELLO, Jona HOXHA

**ANALYZING THE EXECUTION STYLE OF
THE JUMP TYPES AS A KEY FACTOR OF
PERFORMANCE**

Era DEVA, Milaim BERISHA

**PERCEIVED BENEFITS AND BARRIERS OF
EXERCISE AMONG ACTIVE AND INACTIVE
KOSOVAR STUDENTS AT THE
UNIVERSITIES OF NORTH MACEDONIA**

*Arben MALIQI, Blerim SYLEJMANI, Nazim
MYRTAJ, Rabit VESELI*

**CHALLENGES AND OPPORTUNITIES FOR
THE DEVELOPMENT OF PHYSICAL**

**ACTIVITY IN THE YOUNGEST COUNTRY
IN THE WORLD**

*Mimoza SHKODRA, Juliana MEJÍA GRUESO,
Andrea RAMÍREZ VARELA*

**RELATIONSHIP BETWEEN
ANTHROPOMETRIC CHARACTERISTICS
AND MOTOR SKILLS OF 16-YEAR-OLD
BASKETBALL PLAYERS**

*Xheneta JASHARI, Fatmir PIREVA, Shemsedin
VEHAPI, Gentijana PAÇARIZI, Arditë PIREVA*

**COMPARATIVE ANALYSIS BETWEEN THE
2014, 2018 AND 2022 WINTER OLYMPIC
GAMES IN TEAM SKI JUMPING**

*Qendresa SHALA, Zenel METAJ, Shkelzen SHALA,
Fatlind GASHI, Nazim MYRTAJ*

**RELATIONSHIPS AND INFLUENCE OF
ANTHROPOMETRIC CHARACTERISTICS
AND PHYSICAL FITNESS PARAMETERS IN
100 M SPRINT RUNNING IN ADOLESCENTS**

Zarife JASHARI, Astrit ISENI

Wednesday, May 15, 2024

9th International Balkan Conference in Sport Sciences

Session 2 | Hall A

16:30 - 18:00

Chairs **Metin DALIP, Besim HALILAJ, Milaim BERISHA**

Speakers

SOME PARAMETERS OF BODY AND MOVEMENT DEVELOPMENT IN STUDENTS AGED 12-13 YEARS OF “ELENA GJIKI” PRIMARY SCHOOL FROM PRISHTINA

Diellza RUSHITI, Besim HALILAJ, Hasim RUSHITI

THE IMPACT AND BENEFITS OF PHYSICAL ACTIVITY DURING AND AFTER PREGNANCY

Elga DAMO

NATIONAL UNIVERSITY CHAMPIONSHIP 2023 - NATIONAL UNIVERSITY GAMES 2023

Aida SHEHU, Marlind PELUSHI

MAXIMIZING PHYSICAL PERFORMANCE IN LOWER LIMB AMPUTEES: A SYSTEMATIC REVIEW

Aldo MUÇALLIU

**SELECTION OF KARATE PLAYERS AT A
YOUNG AGE BASED ON SOME MOTOR
SKILLS**

Elhami SHABANI

**RELATION OF MATURATION WITH SOME
AGILITY TESTS IN YOUNG FOOTBALL
PLAYERS FROM REPUBLIC OF NORTH
MACEDONIA**

*Lejla AJRUSH, Jon ISMAILI, Haki ISMAILI, Metin
DALIP*

**SOCIO-ECONOMIC AND SOCIO-
CULTURAL ASPECT OF INFLUENCE ON
ANTHROPOMETRIC AND MOTOR
CHARACTERISTICS: EMPIRICAL
ANALYSIS OF THE EXPERIENCES OF THE
TEACHING-EDUCATIONAL STAFF AMONG
HIGH SCHOOL STUDENTS**

*Milazim KAMBERI, Laureta ABAZI, Hyjnor KICA,
Adriatik KAMBERI*

Wednesday, May 15, 2024

9th International Balkan Conference in Sport Sciences IBCSS

Session 2 | Hall B

16:30 - 18:00

Chairs **Astrit ISENI, Juel JARANI, Ilir GLLAREVA**

Speakers

BENEFITS OF OUTDOOR ACTIVITIES ON CHILD DEVELOPMENT: LITERATURE REVIEW

Adri KASMI, Juel JARANI

THE EFFECTS OF SPORTS PARTICIPATION ON ACADEMIC ACHIEVEMENT, QUALITY OF LIFE AND SELF-ESTEEM AMONG YOUNG PEOPLE IN KOSOVO

Fitore AZEMI, Naim FANAJ, Bardhyl KABASHI

LOW BACK PAIN IN THE HEALTHCARE PROFESSIONALS

Petri O., Abazaj E., Daka.A, Marku. A, Angjeli. E

THE INFLUENCE OF FATIGUE ON SOME KINEMATIC PARAMETERS DURING THREE-POINT SHOOTING IN BASKETBALL

Fadil REXHEPI, Betim HYSENI, Fatmir PIREVA, Besim GASHI

**STUDENT ENGAGEMENT IN
RECREATIONAL AND OVERWEIGHT
PHYSICAL ACTIVITIES**

Vjosa ZHUBAJ, Laureta ABAZI

**DIFFERENCES BETWEEN SOME
ANTHROPOMETRIC PARAMETERS AND
MOTOR SKILLS BETWEEN JUNIOR AND
CADET VOLLEYBALL PLAYERS**

Laureta ABAZI, Granit BAJRAMI, Vjosa ZHUBAJ

**SPORT, HEALTH AND THE PEOPLE
(SHAPE). A WEST BALKAN UNIVERSITY
NETWORK ON SPORT AND PLAY IN
COMMUNITY LIFE AND WELLBAING
(WORK IN PROGRESS)**

*Fadil MAMUTI, Shpresa MEMISHI, Kastriot
SHAQIRI, Agim REXHEPI, Blerim SULEJMANI*

Wednesday, May 15, 2024

*8th International Scientific Conference on Applied Sciences
ISCAS*

Time/Halls	Hall C	Hall D
14:30 – 16:00	<i>Architectue, Constructin Session 1</i>	<i>Mechatronics, Communication Session 1</i>
16:00 – 16:30	Coffee break	
16:30 – 19:00	<i>Architectue, Constructin Session 2</i>	

Wednesday, May 15, 2024

8th International Scientific Conference on Applied Sciences

Architecture & Construction:

Session 1 | Hall C

14:30 – 16:00

Chairs **Enis JAKUPI, Lindihana GOXHA, Shinasi ZEJNELI**

Speakers

**DYNAMIC EVOLUTION: MUSEUM
SPATIAL COMPOSITION AND
ARCHITECTURAL INTEGRATION**

*Arbresha IBRAHIMI, Marija MILOSHEVSKA
JANAKIESKA, Vjosa SARAÇINI*

**POLYPROPYLENE STRIP
REINFORCEMENT FOR SEISMIC
STRENGTHENING OF MASONRY WALLS:
A PROMISING SOLUTION**

Festim ADEMI, Enis JAKUPI

**ANALYSIS OF THE FIRE BEHAVIOR OF
COMPOSITE BEAMS OF STEEL AND
CONCRETE IN MULTI-STORY BUILDINGS**

Shinasi ZEJNELI, Berat ZEJNELI

**CONSERVATION AND RESTORATION OF
MONUMENTS OF CULTURAL WORKS**

*Pajazit HAJZERI, Qazim NAMANI, Faik SAHITI,
Emin SALLAHU*

**UNDERGROUND NEW LIVING CONCEPT
IN KOSOVO**

Zana PRELVUKAJ, Lulzim BEQIRI

**LANDSLIDE RISK ASSESSMENT IN A
NEIGHBORHOOD IN THE VILLAGE OF
PIROK NEAR TETOVE**

*Idaver HUSEINI, Nexhmi KRASNIQI, Asan
IDRIZI, Semijale HASANI-ZIBERI*

FORM-FINDING OF ARCHES

*Teodora MIHAJLOVSKA, Dobre NIKOLOVSKI,
Ana TROMBEVA-GAVRILOSKA, Liljana D.
SOFRONIEVSKA*

**LOCAL COMMUNITY AWARENESS AND
PERCEPTIONS TOWARDS INDUSTRIAL
HERITAGE VALUES AND
TRANSFORMATION**

*Fjolla IBRAIMI, Enis JAKUPI, Aleksandar
RADEVSKI*

**DIMENSION OF THE CONSTRUCTIVE
ELEMENTS OF A STEEL FRAME WITH
TWO AREAS OF A HALL ACCORDING TO
EURO COD 3 UNDER THE INFLUENCE OF
SNOW, WIND AND SEISMIC**

Shinasi ZEJNELI, Berat ZEJNELI

**INVESTMENTS OF INTERNATIONAL
FINANCIAL INSTITUTIONS IN THE
INFRASTRUCTURE PROJECTS IN NORTH
MACEDONIA**

*Getoar ABDURAMANI, Strahinja TRPEVSKI,
Enis JAKUPI*

**COMPARATIVE ANALYSIS OF
NANOMATERIALS TO IMPROVE THE
ENERGY EFFICIENCY OF HISTORIC
BUILDINGS**

*Liliana D. SOFRONIEVSKA, Bojan
KARANAKOV, Ognen MARINA, Teodora
MIHAJLOVSKA*

**THE GREEN IMAGE OF MIXED-USE
PROJECTS IN TIRANA: GREENBUILDING
OR GREENWASHING?**

*Artea ZERA, Katjana BORIČI, Odeta
MANHASA, Desantila HYSA*

Wednesday, May 15, 2024

8th International Scientific Conference on Applied Sciences

Mechatronics & Communication:

Session 1 | Hall D

14:30 – 16:00

Chairs **Nderim ZEQIRI, Feta SINANI, Asan IDRIZI**

Speakers

**THE DEVELOPMENT AND APPLICATION
OF INTELLIGENT TRANSPORT SYSTEMS
AND THEIR IMPACT ON TRAFFIC
SAFETY**

*Sedat ARUCI, Feta SINANI, Pero STEFANOVSKI,
Adina OSMANI, Emir ALIJA*

**MULTIPLEXING AND SCALABILITY OF
DATA IN THE INDUSTRIAL PROCESS AND
IMPLEMENTATION**

*Nderim ZEQIRI, Ferit IDRIZI, Asan IDRIZI, Eip
RUFATI*

**SNAIL TRACK EFFECT ON INSTALLED
PHOTOVOLTAIC MODULES.**

Irfan SHAQIRI

CONSTRUCTION OF FLOATING PHOTOVOLTAIC POWER PLANTS IN THE AREA OF JSC ESM RESERVOIRS

Imer ZENKU, Merita DEMA, Nexhbedin ISMAILI

PERFORMING INVESTIGATIONS IN ORDER TO FIND A REASONS FOR STEEL WIRE ROPE BREAKING

Nazif JASHARI, Sveto CVETKOVSKI

AIR QUALITY IN THE REPUBLIC OF NORTH MACEDONIA AND ITS EFFECTS ON HEALTH

Asan IDRIZI, Arbenita IDRIZI , Idaver HUSEINI, Nexhbedin ISMAILI, Blerta IDRIZI

DETECTION AND PREDICTION OF STEPPER MOTOR FRICTION BY USING ACCELEROMETERS AND LONG SHORT TERM MEMORY NEURAL NETWORKS

Besim.AQIFI, Ferit.IDRIZI

EVOLUTION OF ELECRTC VEHICLE REGISTRATIONS AND CHARGING INFRASTRUCTURE IN NORTH MACEDONIA

Xhemile SEJDINI, Resmi EJUPI, Feta SINANI

EXPLORING SHOCK ABSORBER VIBRATION DYNAMICS THROUGH ARDUINO BASED MEASUREMENTS

Lundrim DALIPI, Ferit IDRIZI

**DETERMINING THE DANGER
THRESHOLD OF INTERSECTION
TRAFFIC ACCIDENTS**

*Zoran JOŠEVSKI, Pero STEFANOVSKI, Feta
SINANI, Mile STOJMENOV*

**ANALYSIS TO STRATEGIES TO REDUCE
THE NUMBER OF TRAFFIC ACCIDENTS
ON ROADS**

*Feta SINANI, Emir ALIJA, Xhemile SEJDINI,
Adina OSMANI*

**A COMPARATIVE METHOD FOR
ANALYSES OF EFFECTIVENESS OF
CONVENTIONAL MACHINE LEARNING
METHODS VS DEEP NEURAL NETWORKS
IN PREDICTIVE MODEL APPLICATIONS**

Ferit IDRIZI, Nderim ZEQRIRI, Besim AQIFI

**THE INFLUENCE OF GEOMETRIC
ELEMENTS ON THE SERVICE LEVEL AT
ROUNDBOUTS**

Adina OSMANI, Feta SINANI

**THE APPLICATION OF MACHINE
LEARNING FOR THE MODEL DESIGN
FOR THE DETECTION OF SMALL
DEFECTS IN MECHANICAL PROCESSING**

Drilon SEJDIJA, Ferit IDRIZI

Wednesday, May 15, 2024

8th International Scientific Conference on Applied Sciences

Architecture, Construction:

Session 2 | Hall C

16:30 – 18:00

Chairs **Nuran SALIU, Kujtim ELEZI, Erda BESIMI**

Speakers

**TRENDS AND COHERENCE AS VALUES
OF URBAN/ARCHITECTURAL BUILT
HERITAGE**

Binak BEQAJ, Kujtim ELEZI

**WHICH ARCHITECTURE STUDY
MODULE DOES OUR COUNTRY AND
EUROPE NEED AS EUROPEAN UNION
COMUNNITY**

Enis JAKUPI

**VERNACULAR DWELLING; A
COMPARISON BETWEEN PRIZREN AND
OHRID**

Bekim CEKO, Kujtim ELEZI, LULZIM BEQIRI

**EXPLORING THE HIDDEN
PSYCHOLOGICAL EFFECTS OF URBAN
NOISE POLLUTION IN KOSOVO**

Shqiprim AHMETI, Egzon BAJRAKTARI

**ENHANCING THE POTENTIAL OF
SPORTS FACILITIES AT SCHOOLS**

Hazra MERXHANI, Fjolla IBRAIMI

**IMPACT OF APPROPRIATE
ORIENTATION OF RESIDENTIAL
BUILDINGS ON ENERGY EFFICIENCY: A
CASE STUDY IN TETOVO, NORTH
MACEDONIA**

*Lindhana GOXHA, Erda BESIMI, Fjolla
IBRAIMI*

**THE IMPACT OF SOCIO-CULTURAL
DEVELOPMENTS ON THE URBAN
STRUCTURE OF TETOVO DURING THE
PERIOD OF YUGOSLAVIA**

Aurora SAIDI, Erda BISLIMI, Ajla LIMANI

**MAINTENANCE MANAGEMENT
ACTIVITIES OF COLLECTIVE HOUSING
BUILDINGS**

*Idaver HUSEINI, Nexhmi KRASNIQI, Anjeza
ALAJ*

**A COMPREHENSIVE EXPLORATION OF
THE NEXUS OF ARTIFICIAL
INTELLIGENCE AND ARCHITECTURE**

*Nuran SALIU, Kujtim ELEZI, Egzona ZENDELI
VEJSELI*

**VERNACULAR ARCHITECTURE AND
NATIONAL IDENTITY: BOSNIA AND
MACEDONIA REVISITED**

Kujtim ELEZI, Nuran SALIU

**SOLAR ANALYSIS: THE IMPACT OF NEW
TALL BUILDINGS IN THE CENTER OF
TIRANA**

*Adriana LIPO, Denisa METANI, Manjola LOGLI,
Odeta MANAHASA*

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

Time/Halls	Hall E	Hall F	Hall G
14:30 – 16:00	<i>Computer Sciences & Math Session 1</i>	<i>Chemistry & Physics Session 1</i>	<i>Geography & Biology & Ecology Session 1</i>
16:00 – 16:30	Coffee break		
16:30 – 18:00	<i>Computer Sciences & Math Session 2</i>	<i>Chemistry & Physics Session 2</i>	<i>Geography & Biology & Ecology Session 2</i>

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

*Computer Sciences & Math:
Session 1 | Hall E*

14:30 – 16:00

Chairs **Shkurte LUMA-OSMANI, Gazmend XHAFERI, Emin DURMISHI**

Speakers

METHOD OF ARTIFICIAL INTELLIGENCE IN IDENTIFICATION OF PLANT DISEASES

Zani DALIPI, Fisnik AHMETI, Shpetim REXHEPI, Bilall I. SHAINI

FOSTERING INCLUSIVE EDUCATION: EXPLORING THE INTERPLAY OF TEACHER SELF-EFFICACY AND ATTITUDES

Blerta GURGUROVCI, Florinda IMERI, Shkurte LUMA-OSMANI

THRIAD GEODESIC COMPOSITION IN FOUR DIMENSIONAL SPACE WITH AN AFFINE CONNECTEDNESS WITHOUT A TORSION

Musa AJETI, Skender AVDIJI

**AFFINE AND PROJECTIVE PLANES
CONSTRUCTED FROM RINGS**

*Flamure SADIKI, Alit IBRAIMI, Miranda
XHAFERI, Merita BAJRAMI, Mirlinda SHAQIRI*

**DESIGNING USE CASE DIAGRAMS AND
SCENARIOS FOR CREATING THE
BLOCKCHAIN SYSTEM FOR BIG DATA
MANAGEMENT**

*Hakan REXHEPI, Sazana ILJAZI, Avni
RUSTEMI, Florim IDRIZI, Grela AJVAZI, Hirijete
IDRIZI*

**EXPLORING THE OPPORTUNITIES:
BLOCKCHAIN INTEGRATION IN IoT AND
ADDRESSING CHALLENGES IN NORTH
MACEDONIA**

Puhiza ISENI, Suela RUSHITI, Nadije JAKUPI

**NUMERICAL INTEGRATION OF 1-D
VAWE EQUATION AS AN EXAMPLE OF A
HYPERBOLIC PDE'S USING
MATHEMATICA**

Skender AVDIJI, Musa AJETI

**DYNAMIC APPROACHES TO
MATHEMATICAL PROBLEM MODELING:
THE USE OF GEOGEBRA AND WOLFRAM
MATHEMATICA FOR ENHANCED
SOLUTION**

*Flamure SADIKI, Anduena HAZIRI, Ylldrita
SELFERI, Alit IBRAIMI, Florinda IMERI*

IMPLEMENTATION AND PERFORMANCE ANALYSIS OF A PRACTICAL SYSTEM FOR DIPLOMA VERIFICATION BASED ON BLOCKCHAIN AND AI TECHNOLOGIES

Avni RUSTEMI, Vladimir ATANASOVSKI, Valentina ANGELKOSKA, Aleksandar RISTESKI

PLAYFUL BEGINNINGS: THE IMPACT OF PLAY-BASED LEARNING ON EARLY CHILDHOOD DEVELOPMENT IN PRESCHOOLS

Fatime ELMAZI, Florinda IMERI, Ermira MEMETI

NAVIGATING ETHICAL TERRAIN: ARTIFICIAL INTELLIGENCE AND HUMAN RIGHTS IN THE DIGITAL AGE

Ermira MEMETI, Florinda IMERI, Shkurte LUMA-OSMANI

AN OPTIMIZATION MODEL FOR WASTE COLLECTION PATHS THAT AIMS TO CONNECT COST REDUCTION AND EMISSION MITIGATION IN ORDER TO ATTAIN SUSTAINABLE DEVELOPMENT OBJECTIVES

Verda MISIMI JONUZI, Igor MISHKOVSKI

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

Chemistry & Physics:

Session 1 | Hall F

14:30 – 16:00

Chairs **Dije DEHARI, Zulxhevat ABDIJA, Neset IZAIRI, Skender KABASHI**

Speakers

INCREASING THE EXTRACTION COEFFICIENT FOR THE RAW MATERIAL CENTELA HERBA ASIATICA BY OPTIMIZING THE SIZE OF THE GRANULES OF THE RAW MATERIAL

Mahi LATIFI, Ejup LATIFI, Nazif JASHARI, Njomza LJATIFI

ANTICOAGULANT ACTIVITY OF SYNTHETIC COUMARIN DERIVATIVES: A COMPREHENSIVE STUDY

Hamit ISMAILI, Arben HAZIRI, Ilirjana OSMANI

SPECTRA OF SECONDARY NEUTRONS, ALPHA, BETHA AND GAMMA PARTICLES EMERGING ACROSS RADIATION PROTECTION SHIELDING OF A PARTICLE THERAPY CENTER

*Mimoza FEJZULLAHI IZAIRI, Redona BEXHETI,
Mimoza RISTOVA*

PHOTOACTIVITY OF TiO₂

Altin GJEVORI

**DESIGN AND SYNTHESIS OF SOME
NOVEL COMPOUNDS DERIVED FROM
HYBRID COUMARIN-THIAZOLE
STRUCTURES**

*Fatjonë KRASNIQI, Emil POPOVSKI , Ahmed
JASHARI*

**REMOVAL OF Cr(VI) FROM AQUEOUS
SOLUTIONS BY OPALIZED TUFF**

*Hamdije MEMEDI, Kiril LISICHKOV, Katerina
ATKOVSKA, Muhamed SHEHABI, Shefket
DEHARI, Dije DEHARI, Arianit A. REKA*

**THE STUDY OF THE HOT-DIP
GALVANIZING PROCESS OF STEEL**

Luan KOLA

**SEA - TEACHING METHODOLOGY IN
NATURAL SCIENCES AND
MATHEMATICS**

Naim SYLA

**INFLUENCE OF DEPOSITION
CONDITIONS DURING PRECIPITATION
OF NH₄VO₃ WITH DIETHYL SULPHATE**

Aksu SAMETI, Zulxhevat ABDIJA

**MONITORING THE WATER QUALITY OF
THE VARDAR RIVER IN THE VELES
REGION**

*Miran ABDULI, Dije DEHARI, Muhamed
SHEHABI, Shemsedin ABDULI, Ermira VEJSELI,
Shefket DEHARI*

**DOSIMETRIC COMPARISON OF THREE
DIFFERENT EXTERNAL BEAM
PARTICLES USING TREATMENT
PLANNING SYSTEM MATRAD**

*Nermine MURADI, Gazmend NAFEZI, Fadil
AJREDINI, Bashkim ZIBERI*

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

Geography & Biology & Ecology :

Session 1 | Hall G

14:30 – 16:00

Chairs **Agim AZIRI, Mije REÇI, Resul HAMITI, Meribe MUSTAFI**

Speakers

**IDENTIFICATION OF DIFFERENT
CANCERS THROUGH SPECIFIC TUMOR
MARKERS**

Aulonë SYLA, Sheval F MEMISHI, Mije REÇI

**ELEMENTAL ANALYSIS AND
ACCUMULATION MODELS OF HEAVY
METALS IN MEDICINAL PLANTS:
IMPLICATIONS FOR ENVIRONMENTAL
HEALTH**

Albana MILAIMI, Liridon BUQAJ, Belma GJERGJIZI, Ibrahim ERTUGRUL YALCIN, Sheval MEMISHI, Yllka SHEHDADI, Urtina AVDIJA

**THE EXTENT OF AGRICULTURE IN THE
REGIONS OF NORTHERN MACEDONIA**

Merime MUSTAFI, Rukije IBRAIMI

**THE DEVELOPMENT OF TOURISM IN
THE THERMAL-MINERAL BATHS OF THE
MUNICIPALITY OF DEBAR**

*Resul HAMITI, Arbesa ÇIKRI KAJA, Meribe
MUSTAFI*

**PREVALENCE OF HYPERTHYROIDISM IN
THE TETOVA REGION, NORTH
MACEDONIA**

*Jehona IBRAHIMI, Mije REÇI, Sheval F
MEMISHI*

**MOLECULAR DIAGNOSTICS OF COVID-
19 FROM SOME REGIONS IN NORTHERN
MACEDONIA**

*Nadica RISTOVSKA, Mije REÇI, Sheval F
MEMISHI, Ismail FERATI, Hristina AMPOVA*

**THE NATURAL MOVEMENT OF THE
POPULATION IN REPUBLIC OF NORTH
MACEDONIA 2014-2022**

*Mireme RUSHITI, Sonila REXHEPI, Resul
HAMITI, Meribe MUSTAFI*

**MARRIAGES AND DIVORCES
ACCORDING TO AGE IN NORTH
MACEDONIA (2010, 2015, 2020, 2022)**

*Arlinda IBISHI, Resul HAMITI, Meribe
MUSTAFI, Mireme RUSHITI*

**NEW LOCALITY OF CIRSIUM
CANDELABRUM GRISEB, (ASTERACEAE)
IN REPUBLIC OF NORTH MACEDONIA**

Agim HAZIRI

**STRICTLY PROTECTED, PROTECTED
AND INVASIVE ALIEN WILD INSECTS
SPECIES OF INSECTS IN NORTH
MACEDONIA**

Vladimir KRPACH

**DYNAMICS AND CAPACITIES OF
EDUCATIONAL FACILITIES IN POLLOG
REGION**

*Xhejda JONUZI, Meribe MUSTAFI, Rukije
IBRAIMI, Fatmire AMITI*

**THE ROLE OF ALTERNATIVE FORMS OF
TOURISM IN THE PROMOTION OF THE
TOURIST LICATIONS OF SHARR
MOUNTAIN**

*Rukije IBRAIMI, Merime MUSTAFI, Xhejda
JONUZI, Fatmire AMITI*

**NEW LOCALITY OF PLANT SPECIES
„VIOLA ALBA” L. IN SAR MOUNTAIN
(THE PART OF NORTH MACEDONIAN)**

Nasuf ABDII

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

Computer Sciences & Math:

Session 2 | Hall E

16:30 – 18:00

Chairs **Shkurte LUMA-OSMANI, Gazmend XHAFERI, Emin DURMISHI**

Speakers

CONNECTEDNESS WITH F-OPEN SETS

Emin DURMISHI, Zoran MISAJLESKI, Flamure SADIKI, Alit IBRAIMI

ON DYNAMIC OF HENON MAP. HOW TO CONTROL IT!

Ylldrita SALIHI, Krutan RASIMI

THE NEED FOR DIGITAL SERVICES IN THE SECTOR OF URBANISM AND LAND MANAGEMENT IN THE MUNICIPALITY OF TETOVO

Suela RUSHITI, Dritan AQIFI, Florinda IMERI

THE USE OF AI IN SOLVING PROBLEMS IN AGRICULTURE

Meriton IBRAIMI, Florim IDRIZI

**APPLICATION OF CONIC SECTIONS IN
PHYSICS AND ASTRONOMY**

*Rushadije HALILI, Endrita KELMENDI, Merita
BAJRAMI*

**EXPLORING CHARACTERISTICS AND
APPLICATIONS OF FOUR IMPORTANT
CONTINUOUS DISTRIBUTIONS**

*Edona AJETI DEMIRI, Edin DEMIRI, Lazim
KAMBERI, Rushadije RAMANI HALILI*

**FACE RECOGNITION: A NEW WAY TO
MANAGE YOUR PERSONAL DATA**

*Puhiza ISENI, Diellza OSMANI, Semina NESIMI,
Ermira REXHEPI, Lirije JAIJA-ALJIVI*

**A COMPARATIVE STUDY OF IDENTITY
ASSURANCE: KANTARA, EIDAS, AND
REFEDS PERSPECTIVES ON LOA**

Vjollca SHEMSHI, Boro JAKIMOVSKI

**MATHEMATICS EDUCATION AND
QUALITY EDUCATION PART OF THE
SUSTAINABLE DEVELOPMENT AGENDA**

*Teuta ILJAZI, Svetlana PANDILOSKA
GRNCHAROVSKA*

**WEB-BASED MANAGEMENT SYSTEM IN
TEXTUAL FORMAT FOR OFFERS,
CONTRACT AND PAYMENT FOR
CONSTRUCTION COMPANY**

*Jetmir QAZIMI, Festim HALILI, Eip RUFATI,
Gazmend XHAFERI*

**A COMPARATIVE ANALYSIS OF OFFLINE
WALLETS AND THEIR INTEGRATION
WITH NFC FOR PRACTICAL OFFLINE
PAYMENTS**

*Nexhibe SEJFULI-RAMADANI, Florim IDRIZI,
Aleksandar RISTESKI*

**THE LEVEL OF AWARENESS AND
RECYCLING HABITS OF UT-COMPUTER
SCIENCES STUDENTS ON E-WASTE
MANAGEMENT**

*Anila NUHIU, Shkurte LUMA-OSMANI, Florim
IDRIZI, Eip RUFATI*

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

Chemistry & Physics:

Session 2 | Hall F

16:30 – 18:00

Chairs **Dije DEHARI, Zulxhevat ABDIJA, Neset IZAIRI, Skender KABASHI**

Speakers

GRANULOMETRIC OPTIMIZATION AND SOLVENT CONCENTRATION FOR THE EXTRACTION OF PHARMACEUTICAL RAW MATERIAL ECHINACEA PURPUREA
Mahi LATIFI, Ejup LATIFI, Raman ALITI, Jeton KUCHI, Petrit LATIFI

SEPARATION OF Cr(VI) FROM AQUEOUS SOLUTIONS BY DIATOMITE
Hamdije MEMEDI, Kiril LISICHKOV, Katerina ATKOVSKA, Muhamed SHEHABI, Shefket DEHARI, Dije DEHARI, Arianit A. REKA

THE INFLUENCE OF VIRTUAL EXPERIMENTS ON THE UNDERSTANDING OF GEOMETRIC OPTICS AT HIGH SCHOOL STUDENTS

*Fatbardha AVDIU HOXHA, Fadil AJREDINI,
Neset IZAIRI*

**DISTRIBUTION OF SOME RADIOACTIVE
ISOTOPES (AROUND THE OSLOMEJ
POWER PLANT**

Emri MURATI, Naim MAHMUDI

**INVESTIGATING THE VISCOSITY-
TEMPERATURE RELATION OF ENGINE
OILS USING A ROTATIONAL
VISCOSIMETER**

*Nurijeta AMETI, Arta ILJAZI, Naim MAHMUDI,
Kimet JUSUFI*

**ANALYSIS OF MEAN GLANDULAR DOSE
IN ONE DIGITAL MAMMOGRAPHY UNIT
IN NORTH MACEDONIA**

*Mirjeta MEDIJI ARIF, Mimoza RISTOVA, Vesna
GERSHAN*

**CZTS/CdS PHOTOVOLTAIC CELLS BASED
ON SPIN COATED SOL-GEL
SYNTHESIZED $\text{Cu}_2\text{ZnSnS}_4$ THIN FILM**

*Ramadan ALITI, Yoganash PUTTHISIGAMANY,
Mimoza RISTOVA*

Wednesday, May 15, 2024

6th International Conference of Natural Sciences and Mathematics

Geography & Biology & Ecology:

Session 2 | Hall G

16:30 – 18:00

Chairs **Agim AZIRI, Mije REÇI, Resul HAMITI, Meribe MUSTAFI**

Speakers

IDENTIFICATION OF CASES WITH HPV AS THE CAUSE OF UTERUS CANCER IN THE TETOVA REGION

Mërgime ABDULLI, Sheval F. MEMISHI, Mije REÇI

MICROMORPHOLOGICAL AND HISTOCHEMICAL EVALUATION OF THE GLANDULAR TRICHOMES OF SALVIA FRUTICOSA MILL. IN DHERMI AREA, IN SOUTH ALBANIA

Matilda SHEHU, Zhaneta ZEKAJ

DEVELOPMENT TRENDS OF SPA TOURISM IN THE REPUBLIC OF NORTH MACEDONIA

Fatmire AMITI, Rukije IBRAIMI, Xhejda JONUZI

**CORRELATION BETWEEN OXIDATIVE
STRESS AND DIABETES**

Egzona ZIBERI, Sheval F. MEMISHI, Mije REÇI

**ASSESSMENT OF FIN DAMAGE EXTENT
IN AQUACULTURE TROUT IN THE
LIKOVA REGION**

*Gazmend ISENI, Ajten RUSHITI-DAUTI, Besa
ISENI*

**IDENTIFICATION OF THE MOST
FREQUENT TYPES OF CANCER IN THE
POLLOG REGION DURING THE TIME
PERIOD 2019-2021**

Arta SALLAI, Sheval F. MEMISHI, Mije REÇI

**MONITORING OF THE LIVING
ENVIRONMENT THROUGH AIR
POLLUTANTS IN THE POLOG FIELD PIT
OF THE REPUBLIC OF NORTH
MACEDONIA**

*Nexhbedin BEADINI, Sheqibe BEADINI, Altin
BEGOLLI, Aleina ARSSLANI*

**MICROBIOLOGICAL AND PHYSIC-
CHEMICAL ASSESSMENT OF THE SEA
WATER IN ZVËRNECI COAST, VLORË,
ALBANIA**

*Hajdar KIÇAJ, Aurora BAKAJ, Mariola
ISMAILAJ, Xhuljana ARAPAJ, Megi MALAJ, Juna
TAFILI*

**DIVERSITY OF BENTHIC
MACROMOLLUSCAN COMMUNITIES ON
THE ROCKY SHORES OF TRIPORTI,
VLORE, ALBANIA**

Kerol SAÇAJ, Ina NASTO, Denada SOTA

**PHYSICO-CHEMICAL AND
MICROBIOLOGICAL EVALUATION FOR
THE DUKAT STREAM, VLORE, ALBANIA**

Brunilda RRAPAJ

**BIOCOENOSIS OF PHOTOPHILIC ALGAE
IN THE ROCKY INTERTIDAL AREA OF
TRIPORT, VLORE, ALBANIA**

*Kristiana LUSHNJARI, Ina NASTO, Anxhela
KAMBERAJ, Brunilda VESHAJ*

**WATER QUALITY ASSESSMENT OF THE
SHUSHIC RIVER USING BENTHIC
MACROINVERTEBRATES**

*Geolind ÇOBAJ, Hajdar KIÇAJ, Bledar PEPA,
Amra ALUSHAJ*

Wednesday, May 15, 2024

4th International Conference of Food Technology and Nutrition

Time/Halls

Hall H

14:30 – 16:00

Session 1

16:00 – 16:30

Coffee break

Time/Halls

Hall H

Hall I

16:30 – 18:00

Session 2

Session 2

Wednesday, May 15, 2024

4th International Conference of Food Technology and Nutrition

Session 1 | Hall H

14:30 – 16:00

Chairs **Erhan SULEJMANI, Daniela N. NEDELKOSKA, Vezirka JANKULOSKA**

Speakers

FORMATION OF ADVANCED GLYCATION END-PRODUCTS IN CEREAL-BASED MATRICES

Sylwia MILDNER-SZKUDLARZ, Maria RÓŻAŃSKA, Karolina ŁUCZKO, Paweł RYCHLEWSKI

TRITICALE - UNDERESTIMATED RAW MATERIAL FOR FOOD PRODUCTION

Agnieszka MAKOWSKA, Jakub KRÓLAK

USING THE FIVE-PARAMETER LOGISTIC FUNCTION AND RESPONSE SURFACE METHODOLOGY TO OPTIMIZE THE FERMENTATION PROCESS

Artur SZWENGIEL, Aleksandra SOBAŃSKA, Anna SZCZEPAŃSKA-ÁLVAREZ

ANALYSIS OF PH VALUE AND WATER ACTIVITY AS KEY SAFETY PARAMETERS FOR KULEN SAUSAGE

Tanja STOJANOVSKA, Tatjana KALEVSKA, Nevena GRUEVSKA, Daniela N. NEDELKOSKA, Sanja SAZDOVSKA

FRUIT CONSUMPTION AND ITS INFLUENCE ON THE DEGREE OF INSULIN RESISTANCE

Eleonora DELINIKOLOVA, Vezirka JANKULOSKA, Tatjana BLAZHEVSKA, Viktorija STAMATOVSKA

AN INNOVATIVE APPROACH TO THE APPLICATION OF OHMIC HEATING IN THE FOOD INDUSTRY AND HOW IT AFFECTS FOOD COMPONENTS

Katerina TEMELKOVSKA RISTEVSKA, Anka TRAJKOVSKA PETKOSKA, Daniela NIKOLOVSKA NEDELKOSKA

AWARENESS OF USAGE THE ARTIFICIAL SWEETENERS IN FOOD BY DIFFERENT POPULATION IN NORTH MACEDONIA

Ljubica KARAKASHOVA, Frosina BABANOVSKA-MILENKOVSKA, Lenche VELKOSKA-MARKOVSKA, Namik DURMISHI

Wednesday, May 15, 2024

4th International Conference of Food Technology and Nutrition

Session 2 | Hall H

16:30 – 18:00

Chairs **Ljubica KARAKASHOVA, Ibrahim HOXHA,
Namik DURMISHI**

Speakers

**SEASONAL VARIATIONS IN SOMATIC
CELL COUNT AND THEIR IMPACT ON THE
PHYSICOCHEMICAL COMPOSITION OF
RAW COW MILK**

*Lina DIMOVSKA, Biljana TRAJKOVSKA, Lidija
VELJANOVSKA, Biljana GAGACHEVA, Nina
DIMOVSKA*

**THE POLLUTION OF THE FIFTH CANAL ON
CRNA REKA IN THE REGION OF BITOLA**

*Tatjana BLAZHEVSKA, Valentina PAVLOVA,
Nevena GRUEVSKA, Eleonora DELINIKOLOVA,
Katerina TEMELKOVSKA*

**PHYSICO-CHEMICAL AND RHEOLOGICAL
QUALITIES OF SOME WHEAT CULTIVARS
FOR PASTA PRODUCTION**

*Albulena XHURKAJ , Besiana HOXHA, Ibrahim
HOXHA, Viktorija STAMATOVSKA*

PI&KI BISCUIT PREPARATION AND PRODUCTION PROCESS IN EGI GROUP ZAHAQ – PEJE

Nexhdet SHALA, Ibrahim HOXHA, Fjona ALIJAJ, Besiana HOXHA

STATISTICAL RESEARCH ON THE CORRELATION BETWEEN BMI AND GLYCOSYRED HEMOGLOBIN IN PATIENTS WITH DIABETES

Merije ELEZI, Vlatko TANEVSKI, Besnik ELEZI, Enesa NESIMI, Mirsade TAIRI, Enisa RAHMANI, Zuliha AVDIJA, Mustafa MUSTAFI

ACCUMULATION OF METALS IN APPLES AND PEARS FROM THE AREA OF THE KOSOVO'S MITROVICA

Vehbi ZENELI, Ganimete HETA, Valentina PAVLOVA, Gorica PAVLOVSKA

BIOCONCENTRATION OF CU AND CO IN LEAFY AND FRUIT VEGETABLES FROM THE AREA OF KOSOVO'S MITROVICA

Ganimete HETA, Vehbi ZENELI, Gorica PAVLOVSKA

RHEOLOGICAL, NUTRITIONAL, AND SENSORY QUALITIES OF BREAD ENRICHED WITH PUMPKIN FLOUR

Besiana HOXHA, Albulena XHURKAJ, Ibrahim HOXHA, Gafur XHABIRI, Nexhdet SHALA

**MICROWAVE HEATING EFFECT ON THE
OXIDATION AND QUALITY OF COLD
PRESS SUNFLOWER OIL**

*Boshko PETROVSKI, Vezirka JANKULOSKA,
Gorica PAVLOVSKA, Daniela NIKOLOVSKA
NEDELKOSKA, Tanja STOJANOVSKA*

**THE BENEFITS OF INCORPORATING
VEGETABLES AND FRUITS FLOURS INTO
GRAIN-BASED FOODS**

*Iliana LAZOVA-BORISOVA, Namik DURMISHI,
Gafur XHABIRI*

Wednesday, May 15, 2024

4th International Conference of Food Technology and Nutrition

Session 2 | Hall I

16:30 – 18:00

Chairs **Iliana Lazova-Borisova, Gafur Xhabiri, Xhabir Abdullahi**

Speakers

CREATING DIFFERENT FORMULATIONS FOR IMPROVING THE RHEOLOGICAL, NUTRITIONAL, QUALITATIVE, AND SENSORY QUALITIES OF GLUTEN-FREE BREAD

Gafur XHABIRI, Namik DURMISHI, Durim ALIJA, Majlinda SANA, Iliana LAZOVA-BORISOVA , Eldina HAVZIU

EVALUATION OF PHYSICAL CHEMICAL AND SENSORY PROPERTIES OF A TRADITIONAL SOFT FRESH WHEY AND CREAM CHEESE

Erhan SULEJMANI, Hava MIFTARI, Xhabir ABDULLAHI, Xhezair IDRIZI

SENSORY QUALITY AND COMPARISON OF SOME COMMERCIAL SET YOGHURT BRANDS FROM NORTH MACEDONIA AND KOSOVO

Nisa SULEJMANI, Rejhana LUMA, Kaltrina SELMANI, Kaltrina SEJDIU, Fatbardha TËRSTENA, Leonora ALIU, Florentina BEHLULI, Ardi SULBIJE, Erhan SULEJMANI

QUALITY AND SAFETY PARAMETERS BEFORE AND AFTER PASTEURIZATION OF APPLE JUICE

Namik DURMISHI, Janina PELAJ

EXAMINATION OF THE DYNAMICS OF ANALYZES PERFORMED FOR THE PRESENCE OF RADIONUCLEIDE RESIDUES IN FOOD IN THE PERIOD 2019-2023 IN THE REPUBLIC OF NORTH MACEDONIA

Merije ELEZI, Vlatko TANEVSKI, Besnik ELEZI, Ismail FERATI, Enes NESIMI, Mirsade TAIRI, Zuliha AVDIJA, Enisa RAHMANI, Mustafa MUSTAFI

UNDERSTANDING THE RELATIONSHIP BETWEEN NUTS AND SEED INTAKE, LIFESTYLE HABITS, AND BMI: A CROSS-SECTIONAL ANALYSIS

Valbona SALLAI MAZLLAMI, Vesna KNIGHTS

PRODUCTION OF FRUIT AND VEGETABLE PRODUCTS AND THEIR CONTROL

Rejhana LUMA, Nisa SULEJMANI, Hava MIFTARI, Durim ALIJA

NUTRITIONAL VALUES, MICROBIOLOGICAL ANALYSIS, AND TECHNOLOGICAL PROCESS OF THE PRODUCTION OF PRIZRENS SAUSAGE

Armire HOTI, Fejzullah FEJZULLA, Xhezair IDRIZI, Durim ALIJA, Hava MIFTARI

MONITORING OF THE MICROBIOLOGICAL QUALITY OF DRINKING WATER IN SOME SETTLEMENTS IN THE POLLOG REGION

Ismail FERATI, Rejhana LUMA, Sahide SINANAI, Ilderina QERIMI, Yllza HASANI, Rakip EMRULI, Ilir RUSTEMI

THE EFFECT OF ASCORBIC ACID IN THE RHEOLOGICAL PROPERTIES OF DOUGHS IN PASTA FROM AGIMI AND DAJTI WHEAT

Majlinda SANA, Abdyl SINANI, Gafur XHABIRI

Wednesday, May 15, 2024

2nd International Conference on Sustainable Agriculture Farming Systems

Time/Halls	Hall J	Hall K
14:30 – 16:00	<i>Session 1</i>	<i>Session 1</i>
16:00 – 16:30	Coffee break	
16:30 – 18:00	<i>Session 2</i>	<i>Session 2</i>

Wednesday, May 15, 2024

2nd International Conference on Sustainable Agriculture Farming Systems

Session 1 | Hall J

14:30 – 16:00

Chairs **Gjergji MERO, Vesna KARAPETKOVSKA – HRISTOVA, Stanislava LAZAREVSKA**

Speakers

RECORDING, PRESERVATION, IMPROVEMENT AND USE OF AUTOCHTHONOUS GENETIC RESOURCES OF PLANTS IN THE REGION OF KORÇA

Adrian MAHO, Gjergji MERO, Besnik SKENDERASI, Gjergji PAPA, Nikollaq ROSHANJI

A STUDY ON SEMEN PRODUCTION AND CRYOPRESERVATION OF SPERMATOZOA IN BULGARIAN BLACK AND WHITE BULLS

Stanimir DIMITROV, Zhelyazko SABEV, Georgi GARBEV

CURRENT CONDITIONS WITH TOBACCO PRODUCTION IN MACEDONIA - ANALYSIS OF SUSTAINABILITY, THE POSSIBILITY OF DEVELOPMENT AND FUTURE PERSPECTIVES

Silvana PASHOVSKA

**THE EFFECTS OF FEED FORM ON
BROILER CHICKEN GROWTH
PERFORMANCE**

*Dimitar NAKOV, Srekkjo GJORGJIEVSKI, Aco
KUZELOV, Fidanka ILIEVA*

**OCCURRENCE OF LAMPROGLENA
PULCHELLA (NORDMANN, 1832)
(COPEPODA: LERNAEIDAE) IN SOME
CYPRINID FISH FROM LAKE OHRID
(MACEDONIA)**

*Dijana BLAZHEKOVIKJ - DIMOVSKA, Stojmir
STOJANOVSKI*

**EFFECTIVENESS OF PREVENTIVE
FUNGICIDE TREATMENTS IN
CONTROLLING PLASMOPARA VITICOLA
OUTBREAKS**

Gligor BOJKOV, Sasa MITREV, Emilija ARSOV

**GENETIC DIVERSITY OF SOME LOCAL
POTATO (SOLANUM TUBEROSUM L.)
POPULATIONS FOR PHYSIOLOGICAL
PARAMETERS**

*Mimoza JAKUPI, Sali ALIU, Imer RUSINOVCI,
Dukagjin ZEKA*

**THE EFFECT OF GRAFTING ON THE
PLANT GROWTH DYNAMICS IN TWO BELL
PEPPER VARIETIES**

*Albina KIKA, Skender KACIU, Rukie AGIC,
Gordana POPSIMONOVA, Biljana
DRVOSHANOVA*

**EVALUATION OF MORPHOBIOLOGICAL
INDICATORS AND PRODUCTION OF
SWEET POTATO (IPOMEA BATATAS POIR)
IN THE AREA OF MYZEQE, LUSHNJE**

*Moltine PREBIBAJ, Muhamet METAJ, Denada
DËRVISHI, Nikollaq BARDHI , Valmir SALIJI,
Alirami SALIJI*

Wednesday, May 15, 2024

2nd International Conference on Sustainable Agriculture Farming Systems

Session 1 | Hall K

14:30 – 16:00

Chairs **Borche MAKARIJOSKI, Alirami SALIJI, Emri MURATI**

Speakers

IMPLEMENTATION OF DIGITAL TECHNOLOGIES FOR ELECTRONIC ORDERING IN MEAT INDUSTRY

Blagojche NAJDOVSKI, Elena Joshevska, Gordana DIMITROVSKA, Borche MAKARIJOSKI, Darko VELJANOVSKI

DETERMINATION OF PROTEINS PERCENTAGE BY THE KJELDAHL METHOD IN CEREALS OF THE MARKETS IN KORÇA CITY

Basanja SHTYLLA, Katerina PIKULI, Kristi MORAVA, Nikolin KARAPANÇI, Nikoleta ZHIDROI

THE SIGNIFICANCE AND ROLE OF LIVESTOCK FARMING AS PART OF THE AGRICULTURAL SECTOR IN PELAGONIA REGION

*Borche MAKARIJOSKI, Mirjana VELJNAOVSKA,
Gordana DIMITROVSKA, Vesna K. HRISTOVA,
Goran MIHAJLOVSKI*

DIGITAL PRACTICES IN SUSTAINABLE AGRICULTURE

Daniela PELIVANOSKA DAMESKA, Blagojche NAJDOVSKI

THE INFLUENCE OF THE CONTENT OF TOTAL NITROGEN, POTASSIUM AND THE METHOD OF CULTIVATION ON SOME QUALITATIVE FEATURES OF STRAWBERRY FRUITS

Elmi JUSUFI, Natasha GJORGOVSKA, Erhan SULEJMANI, Bedri GJURECI

THE PRE-EM USE OF SOME HERBICIDES IN THE CONTROL OF WEEDS IN POTATOES AND THEIR INFLUENCE ON THE YIELD

Alirami SALJI, Valmir SALJI, Bardhyl LIMANI, Hirijete IDRIZI, Nikollaq BARDHI, Moltine PREBIBAJ

A REVIEW OF WILD MUSHROOMS WITH ANTIBACTERIAL ACTIVITY IN THE REPUBLIC OF NORTHERN MACEDONIA

Emri MURATI, Mitko KARADELEV, Adelina MURATI

EVALUATION OF MORPHOBIOLOGICAL AND PRODUCTIVE INDICATORS OF MAIZE HYBRIDS (*ZEAMAYS* SP. L) IN TOSHKËZ, LUSHNJE

Valmir SALIJI, Denada DËRVISHI, Amarildo CAULI, Moltine PREBIBAJ, Nikollaq BARDHI, Zejnedije ADEMI

CHEMICAL COMPOSITION OF MADŽUN (GRAPE MOLASSES) PRODUCED FROM DIFFERENT GRAPE VARIETIES

Violeta DIMOVSKA, Fidanka ILIEVA, Emilija ARSOV, Biljana BALABANOVA, Biljana VITANOVSKA

THE IMPACT OF RURAL TOURISM ON THE DEVELOPMENT OF RURAL ECONOMY WITH SPECIAL EMPHASIZES ON “STANET E SHIPKOVICËS”

Arben HALILI

Wednesday, May 15, 2024

2nd International Conference on Sustainable Agriculture Farming Systems

Session 2 | Hall J

16:30 – 18:00

Chairs **Dijana BLAZHEKOVIKJ – DIMOVSKA, Marija SRBINOSKA, Biljana BALABANOVA**

Speakers

LIVESTOCK AND BEEKEEPING SUSTAINABILITY IN THE BALKANS: CURRENT STATE AND FUTURE PROSPECTS

Vesna KARAPETKOVSKA - HRISTOVA, Bardha IBISHI, Bardhyl LIMANI, Ivan PAVLOVIC

QUANTITATIVE-PHYSICAL TRAITS OF SEMI-ORIENTAL TOBACCO VARIETIES AND LINES

Karolina KOCHOSKA, Natasha ZDRAVESKA

EXAMINATION OF THE COMPOSITION OF WHEY FROM MIXED CHEESE

Kristina TOMSKA, Jilijana TOMOVSKA, Milena MAGEROVSKA

CHEMOMETRIC EVIDENCE FOR SR AND RB ISOTOPES DUE TO THE SPECIFIC SOIL CHEMISTRY IN DIFFERENT GEOGRAPHICAL REGIONS

Biljana BALABANOVA, Liping FAN

**ECONOMICALLY IMPORTANT INSECTS
FROM FAM. GELECHIIDAE AND
TORTRICIDAE (LEPIDOPTERA) ON STONE
FRUIT IN NORTH MACEDONIA**

*Miroljub GOLUBOVSKI, Stanislava LAZAREVSKA,
Sterja NACESKI, Vesna KRSTESKA*

**THE STUDY OF MAIZE HYBRIDS (ZEA
MAYS SPECIES L.) IN DIMAL
MUNICIPALITY, BERAT**

*Denada DËRVISHI, Eligerta GOREZI, Moltine
PREBIBAJ, Nikollaq BARDHI, Alirami SALIJI,
Hirijete IDRIZI*

**EVALUATION OF THE
MORPHOBIOLOGICAL AND PRODUCTIVE
INDICATORS OF CAYOTE (SECHUIM
SCHEDULE L) IN THE AREA OF MYZEQE,
LIBOFSHË, FIER**

*Moltine PREBIBAJ, Xhulja SEMA, Agron RESHITI,
Denada DËRVISHI, Valmir SALIJI, Nikollaq
BARDHI*

Wednesday, May 15, 2024

2nd International Conference on Sustainable Agriculture Farming Systems

Session 2 | Hall K

16:30 – 18:00

Chairs **Nesim SEFERI, Hirijete IDRIZI, Zejneditje ADEMI LATIFI**

Speakers

GREEN PERSPECTIVE: UNDERSTANDING PALM OIL'S FUTURE

Imrana SINANI

WAYS OF TREATING BED RETAINED PLACENTA COWS OF THE FRIESIAN BREED

Nesim SEFERI

THE ROLE OF THE ENTREPRENEUR IN MODERN AGRIBUSINESS AND CHOOSING THE MOST FAVORABLE ENTREPRENEURIAL STRATEGY

Silvana PASHOVSKA , Marija SRBINOSKA, Gilnehar BAHTIJARI

THE STUDY OF THE IMPACT OF SOIL LIMING ON THE MORPHOLOGICAL AND PRODUCTIVE INDICATORS OF SAGE (SALVIA OFFICINALIS L) IN THE SECOND

**YEAR OF THE EXPERIMENT AND THE
CORRELATIONS BETWEEN THEM**

*Arion ZIBA, Valmir SALIJI, Moltine PREBIBAJ,
Nikollaq BARDHI, Alirami SALIJI, Bardhyl LIMANI*

**EVALUATION OF MORPHOBIOLOGICAL
AND PRODUCTIVE INDICATORS OF
POTATO CULTIVARS (*Solanum tuberosum* L.)
IN THE AREA OF MYZEQE, LUSHNJE**

*Moltine PREBIBAJ, Denada DËRVISHI, Nikollaq
BARDHI, Valmir SALIJI, Alirami SALIJI, Xhuljo
GJEKA*

**THE USE OF SELF-ORGANIZING MAPS FOR
THE ASSESSMENT OF SOIL CHEMISTRY
COMPONENTS QUALITY**

Hirijete IDRIZI

**THE STUDY OF SOME POTATO CULTIVARS
(*SOLANUM TUBEROSUM* L.) IN NORTH
MACEDONIA**

*Valmir SALIJI, Alirami SALIJI, Nikolaq BARDHI,
Hirijete IDRIZI, Zejnedije ADEMI, Bardha IBISHI*

**TESTING OF WHEAT CULTIVARS
(*TRITICUM AESTIVUM* L.) IN THE AREA OF
POLLOG - NORTH MACEDONIA**

*Valmir SALIJI, Alirami SALIJI, Nikollaq BARDHI,
Bardhyl LIMANI, Denada DERVISHI, Zejnedije
ADEMI*

Wednesday, May 15, 2024

7th International Scientific Conference of the Faculty of Medical Sciences

14:30 – 16:00	<i>Amphitheatre “Sevasti dhe Parashqevi Qiriazi” Plenary Session</i>			
16:00 – 16:30	Coffee break			
Time/Halls	Hall L	Hall LL	Hall M	Hall N
16:30 – 18:00	<i>Medical Sciences Session I</i>	<i>Medical Sciences Session I</i>	<i>Medical Sciences Session I</i>	<i>Medical Sciences Session I</i>
Time/Halls	Hall O	Hall P	Hall Q	
16:30 – 18:00	<i>Dental Medicine Session I</i>	<i>Pharmacy Session I</i>	<i>Medical Sciences Session I</i>	

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Medical Sciences:

*Plenary Session | Amphitheatre “Sevasti dhe Parashqevi
Qiriazi”*

14:30 – 16:00

Chairs **Kenan FERATI, Nevzat ELEZI, Sadi BEXHETI**

Speakers

THE DOCTRINE OF THE NEURON

Sadi BEXHETI

**CUMULATIVE REPORT FROM THE
BEGINNING OF THE YEAR ON THE
“WHOOPING COUGH” EPIDEMIC IN THE
REPUBLIC OF NORTH MACEDONIA UNTIL
18.04.2024**

Nevzat ELEZI

**REHABILITATION & IMPLANTATION IN
AESTHETIC AREA**

Kenan FERATI

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Medical Sciences:

Session 1 - Internal medicine & Pediatrics | Hall L

16:30 – 18:00

Chairs **Lutfi ZYLBEARI, Elona HASALLA, Ferihan
BAJRAMI, Luljeta BEQIRI**

Speakers

**LIPID DISORDERS IN UREMIC
ENVIRONMENT**

*Lutfi ZYLBEARI, Ema BEXHETI, Elita ZYLBEARI-
MASHA, Art ZYLBEARI, Gazmend ZYLBEARI,
Zamira BEXHETI*

**THE IMPORTANCE OF TREATING
FRACTURES OF THE SPONGIOTIC AREAS
OF THE SKELETON IN PATIENTS WHO
SUFFER FROM OSTEOPOROSIS**

*Elona HASALLA, Ilda TAKA, Blerta HASALLA,
Sulejman BAHA, Irena XHAFERRI, Elda RUÇI,
Brandi FAHRIU*

**CARDIOVASCULAR COMPLICATIONS OF
PATIENTS WITH CHRONIC KIDNEY
DISEASE(CKD)**

*Art ZYLBEARI, Koço ÇAKALAROVSKI, Milka
ZDRAVKOVSKA*

CARDIAC TROPONINS (cTn-I) IN PATIENTS WITH UREMIA

Gazmend ZYLBEARI, Zamira BEXHETI, Ema BEXHETI, Elita ZYLBEARI-MASHA, Art ZYLBEARI, Koço ÇAKALAROVSKI, Milka ZDRAVKOVSKA

URINARY TRACT INFECTIONS AND PROSTATE SPECIFIC ANTIGEN TPSA

Albin BEADINI, Adelina ELEZI, Koço ÇAKARALOSKI, Learta HASANI

PULMONARY MANIFESTATIONS IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSIS (SLE)

Elita ZYLBEARI-MASHA, Art ZYLBEARI, Gazmend ZYLBEARI, Bistra ANGELOVSKA

LIPID DISORDERS AND HOMOCYSTEINE (Hcy) IN PATIENTS WITH CHRONIC KIDNEY DISEASE(CKD)

Art ZYLBEARI, Koço ÇAKALAROVSKI, Lutfi ZYLBEARI, Milka ZDRAVKOVSKA

MORTALITY AND MORBIDITY IN LATE PREMATURE COMPARED TO TIMELY NEWBORNS

Luljeta BEQIRI, Besa POCESTA, Iskra MARTINOVSKA, Besa DEMIRI, Dobrila KAPUSHEVSKA, Kefser LUSJANI, Shpresa MUAREMOVSKA

COVID-19 INFECTIONS AFTER THE COVID-19 PANDEMIC

Ferizat DIKA – HAXHIREXHA, Blinera BALLANCA, Sevdije KOXHA, Shqiponja TURKESHI, Aferdita ADEMI

EPIGLOTTITIS, ACUTE LARYNGITIS AND CROUP IN CHILDREN ETIOLOGY, EPIDEMIOLOGY, PATHOGENESIS, CLINICAL PICTURE AND TREATMENT

Ferihan BAJRAMI

PNEUMONIA IN CHILDHOOD-CAUSES, EPIDEMIOLOGY, PATHOGENESIS, CLINICAL PRESENTATION AND TREATMENT

Ferihan BAJRAMI

EXSANGUINOTRANSFUSION-CASE REPORT

Luljeta BEQIRI, Jadranka GULEVA, Besa DEMIRI, Iskra MARTINOVSKA, Dobrila KAPUSHEVSKA, Shpresa MUAREMOVSKA, Kefser LUSJANI

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Medical Sciences:

Session 1 - Cardiology | Hall LL

16:30 – 18:00

Chairs **Nexhbedin ABAZI, Klara HYSENAJ, Vegim
ZHAKU, Basri LENJANI**

Speakers

**IMPACT OF DYSLIPIDEMIA ON
CORONARY HEART DISEASE IN WOMEN**

*Klara HYSENAJ, Rezarta STENA, Shpetim QYRA,
Blerina BANI*

**ACCESS AND USE OF THE AUTOMATIC
EXTERNAL DEFIBRILLATOR IN THE
MANAGEMENT OF CARDIAC ARREST IN
PREHOSPITAL AND HOSPITAL SETTINGS**

*Basri LENJANI, Besim MEHMEDI, Ilirian
LENJANI, Entela LENJANI*

**ASSESSING VENTRICULAR
TACHYCARDIA IN A YOUNG PATIENT:
THE ROLE OF MRI IN DETERMINING ICD
PROTECTION AFTER FIRST EPISODE – A
CASE REPORT**

*Vegim ZHAKU, Pranvera RAMADANI, Lidija
POPOSKA*

**AORTIC ANEURYSM, CASE WITH
ABDOMINAL AORTIC ANEURYSM,
CARDIOMYOPATHY, RENAL FAILURE
AND SECONDARY ANEMIA**

*Neset UZAIRI, Valon ASANI, Vlora AMETI, Ema
BEXHETI*

**THE CLINICAL BENEFIT FROM
DETERMINATION OF SCORE2 AND HMOD
IN PATIENTS WITH ARTERIAL
HYPERTENSION**

*Nexhbedin ABAZI, Nadir AJRULI, Teuta ABAZI,
Ekrem ISMANI, Mentor KAREMANI*

**ARTERIAL HYPERTENSION IN THE
YOUNG AGE GROUP, LONGITUDINAL
RESEARCH FOR THE PERIOD JANUARY
2023 - JANUARY 2024**

*Qahil IBRAIMI, Diturim XHELADINI, Gjylaj
ALIJA, Art ZYLBEARI*

**CARDIAC SIDE EFFECTS OF
ANTIARRHYTHMIC DRUGS**

Nadir AJRULI, Nexhbedin ABAZI, Ardi AJRULI

**OUR EXPERIENCE ON CARDIAC
RESEARCH: EXERCISE VS
CARDIOVASCULAR DISEASE**

*Drilon MIFTARI, Montserrat BATLLE, Eduard
GUASCH*

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Medical Sciences:

Session 1- Gynecology & Surgery | Hall M

16:30 – 18:00

Chairs **Nagip RUFATI, Besa NUREDINI DEMIRI,
Meral REXHEPI, Florim SELIMI, Ilir ISMAILI,
Pirro PRIFTI**

Speakers

ANTENATAL CARE

*Besa NUREDINI DEMIRI, Kefser LUSJANI, Luljeta
BEQIRI, Esmā IBRAIMI, Elinda JONUZI*

**BIOCHEMICAL MARKERS IN THE FIRST
TRIMESTER SCREENING FOR FETAL
CHROMOSOME ABNORMALITIES**

*Ruhide AZEMI NEZIRI, Slagjana SIMEONOVA
KRSTEVSKA*

**PLACENTA ACCRETA: A CASE REPORT
AND REVIEW**

*Nagip RUFATI, Meral REXHEPI, Majlinda AZEMI,
Aferdita ISMAILI, Learta VELIU ASANI*

LABOUR INDUCTION

*Besa NUREDINI DEMIRI, Luljeta BEQIRI, Kefser
LUSJANI, Esmā IBRAIMI, Nurxhan AJETI,
Neriman ADEMOSKA*

ECTOPIC PREGNANCY

Besa NUREDINI DEMIRI, Elinda JONUZI, Zamira BEXHETI ZULBEARI, Kefser LUSJANI

ISCHEMIA AND PURULENT PERITONITIS OF THE SMALL INTESTINE AFTER SPONTANEOUS DELIVERY

Besa NUREDINI DEMIRI, Bashkim ISMAILI, Esma IBRAIMI, Kefser LUSJANI, Elinda JONUZI

OSTEOMALACIA IN PUERPERIUM WOMEN

Besa DEMIRI

PREVENTION OF FETAL GROWTH RETARDATION

Besa NUREDINI-DEMIRI, Kefser LUSJANI, Luljeta BEQIRI, Esma IBRAIMI, Zamira BEXHETI ZYLBEARI

ASSOCIATION OF POLYMORPHISMS OF THE GENES INVOLVED IN CYCLOPHOSPHAMIDE AND DOXORUBICIN METABOLISM WITH THEIR TOXICITY IN BREAST CANCER PATIENTS

Illir ISMAILI

FEATURES OF ANAPHYLACTIC SHOCK AS THE MOST SEVERE FORM OF ANAPHYLAXIS

Pirro PRIFTI

RECTUM METASTASIS - SECONDARY DEPOSIT FROM PULMONARY CARCINOMA

Florim SELIMI, Ilber BESIMI

MINIMAL INVASIVE STRABISMUS SURGERY

Bekim TATESHI, Ermira TATESHI

ROCURONIUM BROMIDE – ESMERON

Minire ISENI, Edita TAIRI, Diturim XHELADINI

ULCERATIVE DERMATITIS IN TRAUMATOLOGY

Ilber BESIMI, Florim SELIMI, Ekrem ISMANI, Fatima BESIMI

HIATAL HERNIAS AND GASTROESOPHAGEAL REFLUX DISEASE – CURRENT PROBLEMS

Kastriot HAXHIREXHA, Erblira RESHITI, Gresa AJVAZI

OUR EXPERIENCE IN THE MANAGEMENT OF BLUNT ABDOMINAL TRAUMA

Kastriot HAXHIREXHA, Agron DOGJANI, Labeat HAXHIREXHA, Blerim FEJZULI

EFFICIENT ANESTHESIA: NAVIGATING LOW-FLOW TECHNIQUES

Diturim XHELADINI, Minire ISENI, Shpenza ARIFI

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Medical Sciences:

*Session 1 – Endocrinology & Neurology & Psychiatry | Hall
N*

16:30 – 18:00

Chairs **Sheqibe BEADINI, Irfan AHMETI, Imran
MEMEDI, Ilma TOÇI**

Speakers

**BENEFITS AND PROFILE OF PROBIOTICS
AT SPECIFIC STAGES OF EMBRYONIC
DEVELOPMENT IN CHICKEN EGGS**

*Sheqibe BEADINI, Nexhbedin BEADINI, Altin
BEGOLLI, Aleina ARSLLANI*

**APPROACH TO THE PATIENT WITH
CLINICALLY AND BIOCHEMICALLY
ACTIVE PRIMARY
HYPERPARATHYROIDISM DESPITE
NEGATIVE SESTAMIBI 99MTC**

*Irfan AHMETI, Avdi NAZIFI, Sebajet AHMETI
JAKUPI, Aleksandra MICKOSKA, Ivana
MLADENOSKA STOJKOSKA*

**THE IMPORTANCE OF SPEECH THERAPY
IN THE AUTONOMY OF PATIENTS WITH
DEMENTIA**

Ilma TOÇI, Laurena BRAKO-JUSUFI, Gjergji DOKA, Rajmonda HIDA, Arkida SKENDERI, Behije GOLLOBËRDA

A CASE OF CRITICAL STENOSIS OF A CEREBRAL ARTERY FOLLOWED BY A SHORT-TERM ONSET OF DECEREBRATION MOVEMENTS

Bajram KAMBERI

THE RELATIONSHIP BETWEEN COGNITIVE DEFICITS AND CLINICAL CHARACTERISTICS IN PATIENTS WITH SCHIZOPHRENIA

Imran MEMEDI, Gordana STANKOVSKA

CORRELATION BETWEEN ESTROGEN AND HISTAMINE PRODUCTION IN HORMONAL REPLACEMENT THERAPY IN POSTMENOPAUSAL WOMEN, ASTHMA AND HISTAMINE INTOLERANCE

Rrezearta ELEZI, Nevzat ELEZI, Bekim ISMAILI, Dritan SELMANI, Rron ELEZI

CORRELATION BETWEEN BMI AND GONADOTROPIN HORMONES IN THE FEMALE GENDER

Adelina ELEZI, Sheqibe BEADINI , Irena KOSTOVSKA, Egzona ZIBERI

CORRELATION BETWEEN THE DISORDER OF THE THYROID GLAND, OBESITY AND OVERWEIGHT IN THE FEMALE GENDER

Albulena BEADINI, Irfan AMETI, Adelina ELEZI, Albin BEADINI, Avdi NAZIFI, Egzona ZIBERI

**THE EFFECT OF THE ANTIBIOTIC
GENTAMICIN ON THE STAGES OF
ONTOGENESIS IN CHICKEN EGGS**

*Albulena BEADINI, Nexhbedin BEADINI, Blandi
LOKAJ, Festina DOBRA, Greta KASTRATI*

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Dental Medicine:

Session 1 | Hall O

16:30 – 18:00

Chairs **Elizabeta GJORGIEVSKA, Bunjamin
XHAFERI, Jeta BEXHETI**

Speakers

**DENTAL TRAUMA INVOLVING
PERIODONTAL TISSUES: CLINICAL
ASPECTS**

Elizabeta GJORGIEVSKA

**EFFECT OF THIRD MANDIBULAR MOLAR
ANGULATION AND LEVEL OF ERUPTION
ON INCISAL MANDIBULAR CROWDING IN
PATIENTS WITHOUT PREVIOUS
ORTHODONTIC TREATMENT**

Fjolla AJETI, Natasa TOSESKA SPASOVA

**PROSTHETIC PROBLEMS IN PATIENTS
WITH PERMANENT DENTITION**

Sherif SHAQIRI, Edita ETEMI, Kaltrina BEQIRI

**COMPLICATIONS DURING ROUTINE
EXTRACTION OF MAXILLARY TEETH**

Hava SINANI ARSLANI

**PREOPERATIVE PATHOSES OF IMPACTED
MANDIBULAR THIRD MOLAR RELATED
TO DEMOGRAPHIC CHARACTERISTICS
OF THE PATIENTS**

*Albina AJETI, ABDURAMANI, Boris
VELICKOVSKI, Marija PEEVA PETRESKA, Qanije
SABRIU AJETI*

**ANTIBIOTIC PRESCRIPTION ON
EVERYDAY DENTISTRY (USE AND MISUSE)**

*Florentina SADIKU, Kenan FERATI, Abdullah
MAXHUNI*

**THE ROLE OF ANTIBIOTICS IN THE
TREATMENT OF OROFACIAL INFECTIONS**

*Arbëresha BEXHETI FERATI, Kenan FERATI, Jeta
BEXHETI, Ardian BEXHETI, Armend REXHEPI,
Arta KURIU*

**PRESERVATION OF DISTAL BONE DEFECT
AFTER SURGICAL EXTRACTION OF
IMPACTED THIRD MOLAR**

*Bunjamin XHAFERI, Jeton NEZIRI, Marija
MITEVA, Aleksandar GAVRILOV, Sahmedin SALI*

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Pharmacy:

Session 1 | Hall P

16:30 – 18:00

Chairs **Nexhibe NUHII, Arlinda HAXHIU-ZAJMI,
Merita DAUTI, Gjylai ALIJA**

Speakers

**ADOLESCENTS' KNOWLEDGE AND
AWARENESS ON THE USE OF COSMETIC
AND DERMATOLOGICAL PREPARATIONS
IN THE TREATMENT OF ACNE VULGARIS**

*Nexhibe NUHII, Drita UZEIRI HAVZIU, Gjylaj
OSMANI ALIJA, Sefedin BILALLI, Jehona
XHELADINI, Elmedina ALIJA MAZLLAMI, Arben
EMURLLAI, Nadire LUMA FERATI, Erda ALIU*

**THE ROLE OF NUTRITION IN HUMAN
HEALTH**

*Gjylai ALIJA, Dorentina BEXHETI, Merita DAUTI,
Drita HAVZIU, Arlinda HAXHIU-ZAJMI, Nexhibe
NUHII, Sihana AHEMTI-LIKA, Lulzime
BALLAZHI, Edita ALILI-IDRIZI, Arijeta SHABANI,
Driton SELMANI, Qail IBRAIMI*

**PATIENT INFORMATION LEAFLETS -
ESSENTIAL TOOLS ON SAFE AND
EFFECTIVE USE OF MEDICINES**

*Arlinda HAXHIU ZAJMI, Drita YZEIRI HAVZIU,
Merita DAUTI, Dorentina BEXHETI, Gjylai ALIJA,
Arijeta SHABANI, Nexhibe NUHII*

**NEW TRENDS IN GREEN COSMETIC
FORMULATIONS AND FUTURE
CHALLENGES FOR QUALITY CONTROL**

*Merita DAUTI, Sihana AHMETI- LIKA, Drita
HAVZIU, Edita ALILI-IDRIZI, Lulzime BALLAZHI,
Arlinda HAXHIU-ZAJMI, Gjylai ALIJA*

**COMPARATIVE STUDY OF THE CONTENT
OF POTENTIALLY TOXIC ELEMENTS
BETWEEN LEAVES AND FLOWERS OF
SAMBUCUS NIGRA: ICP-AES AND ICP-MS
PROFILE**

*Bujar QAZIMI, Valon EJUPI, Trajče STAFILOV,
Katerina BAČEVA ANDONOVSKA, Krsto TAŠEV,
Hyrije KORAQI, Vesel QAZIMI, Shpend
DRAGUSHA*

**THE EFFECT OF CANNABIDIOL OIL
TREATMENT ON CARBOHYDRATE
METABOLISM IN STZ-INDUCED DIABETIC
RATS**

*Elona XHEMAILI, Elena RAFAILOVSKA, Biljana
MIOVA, Zorica NAUMOVSKA, Gjose STEFKOV*

**ANTIBIOTIC RESISTANCE BASED ON
ANTIBIOGRAMS TAKEN FROM PATIENTS
OF TETOVO**

Jehona ÇANGA, Nexhibe NUHII

SURVEY ABOUT MEDICATION ADHERENCE IN KOSOVO

*Lindita ALIAGA, Armend ALIAGA, Darinka
GJORGIEVA ACKOVA*

THE IMPACT OF THE TRIPLE COMBINATION TRIKAFTA® ON THE QUALITY OF LIFE IN PATIENTS WITH CYSTIC FIBROSIS

*Arta BAKIU, Edita ALILI-IDRIZI, Lulzime
BALLAZHI, Sihana AHMETI-LIKA, Merita DAUTI,
Anesa BAKIU*

PREPARATION OF ORGANIC PLANT EXTRACTS AND THE REGULATIONS THAT APPLY DURING THIS PROCESS

*Erlinda IMERI, Sihana AHMETI LIKA, Hanife
RUSTEMI AHMETI, Edita ALILI IDRIZI, Lulzime
BALLAZHI, Merita DAUTI*

PROFESSIONAL POISONING

*Senem IBRAHIMI, Drita YZEIRI- HAVZIU, Arlinda
HAXHIU-ZAJMI, Arijeta SHABANI, Dorentina
BEXHETI, Edita ALILI-IDRIZI, Merita DAUTI,
Nexhibe NUHII, Gjylai ALIJA, Lulzime BALLAZHI,
Sihana AHEMTI-LIKA, Melisa HAVZIU IDRIZI*

KNOWLEDGE OF HEALTH PROFESSIONALS ON THE INTERACTION OF DRUGS WITH FOOD IN THE REGION OF KICHEVO AND THE SURROUNDINGS

*Ariana ISMAILI, Lulzime BALLAZHI, Edita ALILI-
IDRIZI, Merita DAUTI, Sihana AMETI - LIKA,
Leontina ALIU*

Wednesday, May 15, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Medical Sciences:

Session 1 – Public health | Hall Q

16:30 – 18:00

Chairs **Saemira DURMISHI, Muhamed TAIRI, Albana
SULA**

Speakers

**NURSING CARE AFTER HIATAL HERNIA
SURGERY**

Muhamed TAIRI, Loreta SELIMI

**THE IMPACT OF MATERNAL SMOKING ON
PREGNANCY AND FETUS DEVELOPMENT**

*Saemira DURMISHI, Shkëlqim HIDRI, Mitilda
GUGU*

**THE EVALUATION OF THE FACTORS
AFFECTING THE PROFESSIONAL
RELATIONSHIP IN HEALTH CARE**

*Neada CAKËRRI, Majlinda RAKIPAJ, Deona
TARAJ*

**PERSONAL EXPOSURE TO CHEMICAL
CONTAMINANTS IN HOUSEHOLDS
COOKING WITH WOOD AND COAL IN
KOSOVO**

Antigona UKËHAXHAJ, Besa SUTAJ

A LITERATURE REVIEW ON THE IMPACT OF ARTIFICIAL INTELLIGENCE IN PHYSIOTHERAPY

Behije GOLLOBËRDA, Elona DYBELI, Brikena DUKA, Venemin GEGA, Raimonda HIDA, Ilma TOÇI

THE CAUSES THAT AFFECT THE QUALITY OF NURSE'S WORK

Majlinda RAKIPAJ, Neada CAKËRRI, Erlini KOKALLA, Emirjona KIÇAJ, Rudina CERÇIZAJ, Deona TARAJ

ASSESSMENT OF KNOWLEDGE OF NURSING PERSONNEL ON HOSPITAL INFECTIONS

Albana SULA, Petrit BIBERAJ, Zamira ÇABIRI, Rustem CELAMI, Elona GAXHJA, Elona DYBELI, Blerina BANI, Ilda TAKA, Shqipe LUTA, Rajmonda HIDA, Elona HASALLA, Luljeta LESI, Arjeta XHEMALI

ROAD SAFETY AMONG ELDERLY DRIVERS, AN ISSUE OF PUBLIC HEALTH

Erlini KOKALLA, Brunilda SUBASHI, Lejdi FETAHU, Stiliana BROKAJ, Majlinda RAKIPAJ

NURSING CARE AWARENESS AND COMPLICATIONS OF IMMOBILIZATION WITH CASTS

Ilda TAKA, Elona HASALLA, Albana SULA (KRECI), Elona ZHIVA (PRIFTI), Entela DRIZAJ, Rajmonda HIDA

CATHETER ASSOCIATED URINARY TRACT INFECTION

Aferdita ADEMI

RISK FACTORS OF PRESSURE ULCERS AND THEIR TREATMENT

Blerim FEJZULI, Aferdita ADEMI

PREVALENCE OF PEPTIC ULCER IN THE DISTRICT OF ELBASAN IN THE PERIOD JANUARY 2023- DECEMBER 2023

Brikena DUKA, Elona DYBELI, Behije GOLLOBËRDA, Entela DRIZAJ, Sabina TOSUNI, Klodiana GJERGJI

THE LEVEL OF KNOWLEDGE OF THE STUDENTS OF "ALEKSANDËR XHUVANI" ELBASAN UNIVERSITY, ON THE RISK FACTORS AND THE PRACTICE OF SELF-EXAMINATION FOR THE EARLY DETECTION OF BREAST CANCER

Rajmonda OBONI, Ilma TOCI, Arkida SKENDERI, Venemin GEGA, Albana SULA, Elona DYBELI, Gjergji DOKO, Shqipe LUTA, Elona HASALLA, Ilda TAKA , Behije GOLLOBËRDA

DIAGNOSTIC IMAGING OF BILIARY TRACT CANCERS USING AI

Elona DYBELI, Armela KAPAJ, Merve AYDIN, Albana SULA

DIABETES, ITS COMPLICATIONS IN PATIENTS AT THE REGIONAL HOSPITAL "XHAFERR KONGOLI" ELBASAN FOR THE PERIOD 2020-2023 - THE ROLE OF NURSES IN ITS PREVENTION AND MANAGEMENT

*Shqipe LUTA, Albana SULA, Rajmonda HIDA,
Elona DYBELI, Elona HASALLA, Armelda TETA,
Juxhin LUTA, Esmeralda VRETO*

**A SYSTEMATIC ANALYSIS FOR THE
GLOBAL, REGIONAL AND LOCAL TREND
OF BREAST CANCER, 1990-2019**

*Sabina TOSUNI, Elona GAXHJA, Entela DRIZAJ,
Rezarta STENA*

**AIR TRAFFIC MANAGMENT DURING
COVID-19 IN WESTERN EUROPE AND THE
CONSEQUENCES OF THE PANDEMIC IN
COMPARISON TO NORTH MACEDONIA**

Iilir MEHMEDI, Suzana MEHMEDI

Thursday, May 16, 2024

*7th International Scientific Conference of the Faculty of
Medical Sciences*

Poster Presentation | Hall L

13:00 – 16:00

Chairs **Nevzat ELEZI, Arbëresha BEXHETI- FERATI,
Nexhibe NUHI, Drita HAVZIU, Arijeta
SHABANI, Driton SELMANI, Qail IBRAIMI,
Zana JUSUFI, Arbnore QAILI, Gjylaj ALIJA,
Muhamed TAIRI**

Speakers

**THE SCIENTIFIC RESEARCH ON THE
RATIONAL AND IRRATIONAL USE OF
PARACETAMOL**

*Nakshije VESELI, Fjolla BYTYQI, Nexhibe NUHI,
Nevzat ELEZI*

**INCIDENCE OF IMPLANT LOSS DUE TO
PERI-IMPLANTITIS**

Aldin BAKIU, Berina ASANI, Kenan FERATI

**GENOTYPIC DETECTION OF ANTIBIOTIC
RESISTANT MICROBES**

*Dinora NEZIRI, Erza REXHEPI, Arbëresha
BEXHETI FERATI*

**PATHOLOGY AND DATA OF INFLUENZA
VIRUS INFECTIONS IN REPUBLIC OF
NORTH MACEDONIA**

Jehona ALIJI, Qëndresa ZULBEARI, Arbëresha BEXHETI FERATI

COMPLICATIONS IN IMPLANT DENTISTRY
Amar NESIMI, Kenan FERATI

**PUBLIC HEALTH PRESENTATION:
“PUBLIC HEALTH AS THE CHALLENGE OF
FUTURE”**
*Bleart UKA, Jamin JAKUPI, Arbëresha BEXHETI-
FERATI*

**UNDERSTANDING AND MANAGING
STRESS AMONG MEDICAL SCIENCE
STUDENTS**
Leart IBRAIMI, Arsim ALIU, Driton SELMANI

**THE EFFECTS OF COVID-19 ON MEDICAL
EDUCATION: A SURVEY OF THE
STUDENTS’ PERSPECTIVE**
Vlera ASANI, Hafjete SHABANI, Driton SELMANI

**AESTHETIC SURGERY OF THE
ABDOMINAL WALL - CASE REPORT**
Vigan TAHIRI, Gresa THAQI, Roland ALILI

**DECIPHERING THE MICROBIAL WORLD
FOR FORENSIC INVESTIGATION- A
SYSTEMATIC REVIEW AND META
ANALYSIS**
*Vlera MUHAREMI, Anida NESIMI, Anida
BAJRAMI, Nevzat ELEZI*

OBESITY, THE BURDEN OF 21ST CENTURY
Dilek RAMADANI, Drilon MIFTARI

**RATIONAL AND IRRATIONAL USE OF
ANTIDEPRESSANTS IN THE REGION OF
TETOVO**

*Driton SELMANI, Ismail SAIDI, Nexhibe NUHII,
Agnesa EMURLI, Elona EMURLI, Afrim ALIU*

**NEW-ONSET EPILEPSY IN ELDERLY
PEOPLE – A CASE REPORT**

*Bajram KAMBERI, Lejla ADEMI, Enisa IDRIZI,
Emira ADEMI*

**PEDIATRIC CASE PRESENTATION:
PANHYPOPITUITARISM CO-OCCURRENCE
IN EARLY CHILDHOOD - A CASE OF
MULTISYSTEMIC SYNDROMES
MANIFESTATION**

*Lundrim SELA, Diellza RAMADANI, Vildane
ADEMI, Agron PAJAZITI, Ferizat HAXHIREXHA*

**THE CONSERVATIVE THERAPY AND
ASSISTED REPRODUCTION TECHNOLOGY
IN THE TREATMENT OF MALE
INFERTILITY**

*Riana BËRDYNAJ, Adriatik KRASNIQI, Xhevrije
ARIFI, Nita REXHEPI, Vegim ZHAKU*

**THE PREVALENCE OF INFLAMMATORY
BOWEL DISEASES IN THE REGION OF
GOSTIVAR DURING THE PERIOD OF 2018-
2022**

*Driton SELMANI, Art ZYLBEARI, Avdi NAZIFI,
Idaver FETAI, Shenazi BILALI, Besjan BILALI*

APNEA

Amar FERATI, Ermal PASHAJ, Prunela POLIÇI

Thursday, May 16

Faculty of Applied Sciences

WORKSHOP

Laboratory for Testing and Control of Construction Materials

11:00

Challenges of modern construction - regulation,
new technologies & digitization

Thursday, May 16

Faculty of Natural Sciences and Mathematics

PANEL DISCUSSION

11:00 – 13:00

Opportunities and challenges of women who studied mathematics

Success stories - motivation, encouragement and support

Thursday, May 16

Faculty of Food Technology and Nutrition

WORKSHOP

Amphitheatre “Abdylselam Emini”

10:00 – 12:00

Analysis of Food by Gpc/Sec - Theory and
Background

Artur SZWENGIEL

Thursday, May 16

Faculty of Medical Sciences

WORKSHOP

Faculty of Philology | Amphitheatre 146

10:00 – 14:00

Basic course in implantology principles, diagnostics and planning of implant

Friday, May 17

Faculty of Economics | Hall 109

11:00

BLS workshop hands on practice

Faculty of Philology | Amphitheatre 146

11:00 -15:00

Basic course of fixed orthodontic



KNAUF

