

# INTERNATIONAL CONGRESS ON HEALTH SCIENCES, OCCUPATIONAL HEALTH AND SAFETY

April 15-16, 2025 / Iğdır University, Türkiye



## PROCEEDINGS BOOK

EDITORS:

Prof. Dr. Mehmet Hakkı ALMA  
Assoc. Prof. Dr. Bahri GÜR  
Assist. Prof. Dr. Okan ÖZBAKIR





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**Editors:**

**Prof. Dr. Mehmet Hakkı ALMA**  
**Assoc. Prof. Dr. Bahri GÜR**  
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adopted by Mariam Rasulan

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# CONGRESS ID

## CONGRESS TITLE

INTERNATIONAL CONGRESS ON HEALTH SCIENCES, OCCUPATIONAL HEALTH AND SAFETY

## DATE and PLACE

April 15-16, 2025 / Iğdır University, Türkiye

## PARTICIPATION

Keynote & Invited

## ORGANIZATIONS

IKSAD Institute

Iğdır University

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Ükü EKSİN

## PARTICIPANTS COUNTRY

Türkiye, Romania, Serbia, India, Brazil, Georgia, Albania, Lithuania, Nigeria, China, Algeria

Pakistan, Morocco, Tunisia, Angola, Hungary, Malaysia, Azerbaijan, Canada, Bangladesh

Poland, Iran, Bulgaria, Ukraine, Kosovo, Indonesia

Number Of Accepted Papers- 190

Number Of Rejected Papers- 8

The number of abstracts from foreign countries- 96

The number of abstracts from Türkiye- 94

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**Dr. Elvira NURLANOVA- Tver Medical Academy**

# INTERNATIONAL CONGRESS ON HEALTH SCIENCES, OCCUPATIONAL HEALTH AND SAFETY

April 15-16, 2025 / Iğdır University, Türkiye



CONGRESS PROGRAM

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- During the session, your camera should be turned on at least %70 of session period
- Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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- Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.
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### **Participating Countries:**

Türkiye, Romania, Serbia, India, Brazil, Georgia, Albania, Lithuania, Nigeria, China, Algeria  
Pakistan, Morocco, Tunisia, Angola, Hungary, Malaysia, Azerbaijan, Canada, Bangladesh  
Poland, Iran, Bulgaria, Ukraine, Kosovo, Indonesia

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-1, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Assoc. Prof.Dr. Imran ASLAN

AUTHORS	AFFILIATION	TOPIC TITLE
Neşe Ferda CİZRELİOĞULLARI Assoc. Prof. Dr. Imran ASLAN	OHS Expert Ankara (Türkiye) Bingöl University (Türkiye)	APPLYING ROOT CAUSE ANALYSIS PHILOSOPHY TO A LUMINAIRE INSTALLATION ACCIDENT
Assoc. Prof. Dr. Imran ASLAN Neşe Ferda CİZRELİOĞULLARI	Bingöl University (Türkiye) OHS Expert Ankara (Türkiye)	DEVELOPING ROOT CAUSE ANALYSIS DIAGRAM FOR A MANLIFT ACCIDENT
Assoc. Prof. Dr. Dursun KELEŞ Lect. Mesut ORUÇ	Iğdır University (Türkiye)	OCCUPATIONAL HEALTH AND SAFETY COSTS
Asst. Prof. Dr. Ahmet YURTÇU	Amasya University (Türkiye)	A REVIEW OF LITERATURE ON ARTIFICIAL INTELLIGENCE IN OCCUPATIONAL HEALTH AND SAFETY
Eda Nur KALKAN Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	NEW GENERATION RISK MANAGEMENT IN OCCUPATIONAL HEALTH AND SAFETY WITH INDUSTRY 4.0 AND SECURITY 4.0
Vekil YOLAZAN Assoc. Prof. Dr. Tuğba BAYRAKTUTAN	Iğdır University (Türkiye)	EXAMINATION OF OCCUPATIONAL HEALTH AND SAFETY RISKS IN BAKERY PRODUCTS WITH 3T RISK ANALYSIS: VAN PROVINCE EXAMPLE
Feride DENİZ Assoc. Prof. Dr. Sait YILDIRIM	Iğdır University (Türkiye)	INVESTIGATION OF THE TUDIES CONDUCTED IN THE LAST FIVE YEARS ON THE MOBILE PERCEPTION AND EXPOSURE OF FEMALE EMPLOYEES IN THE PUBLIC SECTOR
Dr. Nuray ALPOĞLU AKBULUT Prof. Dr. Ergün ERASLAN	Ministry of National Education (Türkiye) Ankara Yıldırım Beyazıt University (Türkiye)	RISK ASSESSMENT OF E. COLI O157: H7 STRAINS IN THE LIVESTOCK SECTOR USING THE FMEA METHOD

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-2, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Assist. Prof. Dr. Okan ÖZBAKIR

AUTHORS	AFFILIATION	TOPIC TITLE
Lect. Şeref UYAR Assist. Prof. Dr. Okan ÖZBAKIR	Kafkas University (Türkiye) Iğdır University (Türkiye)	ENNEAGRAM APPLICATION IN OCCUPATIONAL HEALTH AND SAFETY ADULT EDUCATION
Mehmet ALAY Lect. Dr. Mine AYANOĞLU	Mardin Artuklu University (Türkiye)	A GENERAL OVERVIEW OF STUDIES ON OCCUPATIONAL HEALTH AND SAFETY IN PRESCHOOL EDUCATION INSTITUTIONS IN TÜRKİYE
Sibel Koç SAM Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	OCCUPATIONAL DISEASES: INTERNATIONAL APPROACHES AND PREVENTION STRATEGIES
Birkan OKTAY Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	WEARABLE TECHNOLOGIES AND BIG DATA ANALYTICS IN OCCUPATIONAL SAFETY
Orhan DENİZ Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	OCCUPATIONAL HEALTH AND SAFETY IN DRINKING WATER TREATMENT PLANTS: RISK ASSESSMENT AND PREVENTIVE APPROACHES
Özgür CENGİZ Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	ETHICAL PRINCIPLES WITHIN THE SCOPE OF OCCUPATIONAL HEALTH AND SAFETY
Assist. Prof. Dr. Kaan KOÇALI Lect. Türker YAPAN	İstanbul Gelişim University (Türkiye)	TRANSFORMATION ANALYSIS OF OCCUPATIONAL HEALTH AND SAFETY POLICIES IN TÜRKİYE WITHIN THE FRAMEWORK OF THE EUROPEAN UNION HARMONIZATION PROCESS
Lect. Dr. Melahat BATU AĞIRKAYA	Iğdır University (Türkiye)	ECONOMIC EFFECTS OF OCCUPATIONAL ACCIDENT COSTS IN TURKEY: A SITUATION UPDATE
Assist. Prof. Dr. Kaan KOÇALI	İstanbul Gelişim University (Türkiye)	THEMATIC EVOLUTION OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT RESEARCH IN SMALL AND MEDIUM-SIZED ENTERPRISES

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-3, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: -

AUTHORS	AFFILIATION	TOPIC TITLE
Ana Luiza Ferreira AYDOĞDU Meryem Feyza TÜRKMEN	Istanbul Health and Technology University (Türkiye) Acıbadem Taksim Hospital (Türkiye)	NURSING AND ROOT CAUSE ANALYSIS IN PREVENTING ADVERSE EVENTS IN HEALTHCARE INSTITUTIONS
Turgut ŞÖHRET Dilek GÜRÇAYIR	Iğdır University (Türkiye) Atatürk University (Türkiye)	SAFETY IN SURGICAL AREAS: A SYSTEMATIC ANALYSIS OF THESES ON OPERATING ROOM STAFF
Prof. Dr Deniz KOCOĞLU- TANYER Betül UÇAR	Selcuk University (Türkiye)	THE EFFECT OF HEALTH BELIEF MODEL BASED WATER CONSERVATION TRAINING ON WOMEN'S WATER USE HABITS: THE PROTOCOL OF A RANDOMIZED CONTROLLED STUDY
Assist. Prof. Dr. Anı PARABAKAN POLAT Res. Assist. Öykü ÖZBAŞ KES Res. Assist. Rumeysa Nur AKBAŞ Assist. Prof. Eda ÇAKMAK Prof. Dr. Evren HIZAL	University of Health Sciences (Türkiye) Başkent University (Türkiye)	THE RELATIONSHIP BETWEEN SPEECH PERCEPTION, SPATIAL PERCEPTION, HEARING QUALITY, AND STUDENT INTEREST AND ENGAGEMENT AMONG UNIVERSITY STUDENTS
Assist. Prof. Dr. Anı PARABAKAN POLAT Res. Assist. Rumeysa Nur AKBAŞ MSc. Büşra ÇAKMAK Prof. Dr. Evren HIZAL	University of Health Sciences (Türkiye)	THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY LEVEL AND FEAR OF FALLING IN COMMUNITY-DWELLING INDIVIDUALS AGED 60 AND OVER
Lect. Zeynep KAYA PEHLİVAN Prof. Dr. Nadiye ÖZER	Iğdır University (Türkiye) Atatürk University (Türkiye)	MANAGEMENT OF SLEEP, A SILENT FORCE IN PATIENT RECOVERY, IN INTENSIVE CARE PATIENTS
Alihan ŞAHİN Prof. Dr. Deniz KOCOĞLU TANYER	Selcuk University (Türkiye)	RELATIONSHIP BETWEEN SMOKING, SLEEP QUALITY AND QUALITY OF LIFE IN NURSING STUDENTS
Res. Assist. Ayşegül YILMAZ Prof. Dr. Havva ÖZTÜRK Lect. Dr. Kadriye ÖZKOL KILINÇ	Karadeniz Technical University (Türkiye)	HEALTH POLICIES AND NURSING
Assist. Prof. Dr. Merve DEMİRELLER Ali VAROL Assist. Prof. Dr. Oya GÜVEN	Kirklareli University (Türkiye)	WORK-RELATED RISKS CONFRONTING HEALTHCARE PROFESSIONALS

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-4, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Irina-Ana DROBOT

AUTHORS	AFFILIATION	TOPIC TITLE
Irina-Ana DROBOT	Technical University of Civil Engineering Bucharest (Romania)	EUROPEAN UNION MENTAL HEALTH POLICIES
Paula Gjoshi Angjela Caveli	Univeristy of Medicine (Tirana) Western Balkans University (Tirana)	THE EFFECT OF PHYSIOTHERAPY INTERVENTION ON THE LOW BACK PAIN DURING PREGNANCY
Igor V. Pantic Snezana Mugosa Lazar M. Davidovic	University of Belgrade (Serbia) University of Montenegro (Montenegro)	TRANSLATING RANDOM FOREST MACHINE LEARNING CONCEPT FROM PHYSIOLOGY APPLICATIONS TO PUBLIC HEALTH
Saquib Ahmed Palvi Rathour Godhuli Jamtia	Sharda University (India) Shoolini University (India)	BEYOND THE PHARMACY: NAVIGATING INDIA'S LAWS AGAINST FAKE MEDICAL PRODUCTS
Carolina de Assis Pinto FERREIRA Isabelle Santos MOURA Patrick de Lima GOMES Claudinei dos SANTOS Carlos Nelson ELIAS	Military Institute of Engineering (Brazil) Rio de Janeiro State University (Brazil)	MECHANICAL PERFORMANCE OF MULTILAYER DENTAL ZIRCONIA WITH GRADIENTS IN STRENGTH AND TRANSLUCENCY
MOHMADFAIZAN MANSURI FAAZIL MANSURI	David Tvildiani Medical University (Georgia)	SLEEPLESS SHADOWS: A CASE-BASED REVIEW ON THE IMPACT OF SLEEP DISORDERS ON ENDOCRINE AND METABOLIC HEALTH
Angjela Çaveli Paula Gjoshi	Western Balkans University (Tirana) Univeristy of Medicine (Tirana)	THE IMPACT OF VISCERAL MANIPULATION THERAPY ON GASTROINTESTINAL DISORDERS, PELVIC HEALTH, AND LOW BACK PAIN TREATMENT

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-5, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Andi MIRAKU

AUTHORS	AFFILIATION	TOPIC TITLE
Andi MIRAKU	Albanian Sports Science Association (Albania)	RELATIONSHIP BETWEEN ANTHROPOMETRIC AND AGILITY FACTORS WITH KINESTHETIC DIFFERENTIATION IN YOUTH BOYS VOLLEYBALL PLAYERS
Afrim BILALI Daniela DASHEVA	Sports University of Tirana (Albania) National Sports Academy Vassil Levski (Bulgaria)	ANTHROPOMETRIC CHARACTERISTICS AND THEIR RELATIONSHIP WITH SPEED AND AGILITY IN U16 BASKETBALL PLAYERS
Ledina KOCI Natasho KOTORRI	Sports University of Tirana (Albania)	A 12-WEEK MONITORING BASKETBALL TRAINING PROGRAM ON ANTHROPOMETRIC CHARACTERISTICS, FLEXIBILITY, SPRINT PERFORMANCE, AND LOWER-BODY EXPLOSIVE STRENGTH IN YOUNG ATHLETES
Andi BAZE Bashkim DELIA	Sports University of Tirana (Albania)	ANTHROPOMETRIC CHARACTERISTICS AND THEIR RELATIONSHIP WITH AGILITY AND SPRINT PERFORMANCE IN YOUTH FOOTBALL PLAYERS IN TIRANA, ALBANIA
Anshit MUKHERJEE Sohini BANERJEE Sudeshna DAS	Maulana Abul Kalam Azad University of Technology (India)	TEMPORAL DYNAMICS IN PERSONALIZED MULTI-MORBIDITY MANAGEMENT: A NOVEL REWARD SHAPING FRAMEWORK FOR OPTIMIZED HEALTHCARE STRATEGIES
Kristupas ŽEMAITIS Saulė SIPAVIČIENĖ	Lithuanian Sports University (Lithuania)	SIMILARITIES AND DIFFERENCES IN STRESS COOPERATION AND SELF-CONTROL IN HIGH-PERFORMANCE BASKETBALL PLAYERS BETWEEN MEN AND WOMEN
Dragos Manea Mihaela Antonina Calin	National Institute of Research and Development for Optoelectronics(Romania)	PHOTOBIO-MODULATION EFFECTS ON INTERPHALANGEAL JOINTS OSTEOARTHRITIS IN THE HANDS ASSESSED USING HYPERSPECTRAL IMAGING
Dio Samudra	Indonesia	INTEGRATIVE STRATEGIES FOR OCCUPATIONAL HEALTH, PUBLIC HEALTH, AND WORKPLACE SAFETY

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-6, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Habil. Cristina Raluca Gh. Popescu

AUTHORS	AFFILIATION	TOPIC TITLE
Dr. Sommie Onah Prof. Nkechi G. Onah Dr Favour C. Uroko	University of Nigeria (Nigeria)	ASSESSING THE DETERMINANTS AND EQUITY OF CONTRACEPTIVE USE AMONG IGBO WOMEN OF CHILDBEARING AGE IN SOUTHEASTERN NIGERIA
Voroneanu Rareş	University of Medicine and Pharmacy (Romania)	MEDICAL MALPRACTICE: A CONTEMPORARY CHALLENGE FOR HEALTHCARE AND LEGAL PROFESSIONALS
Habil. Cristina Raluca Gh. Popescu	University of Bucharest (Romania)	INTERDISCIPLINARY PERSPECTIVES ON HEALTH SCIENCES, ENVIRONMENTAL AND OCCUPATIONAL HEALTH, AND SAFETY EDUCATION IN TURKEY
Qin Yujuan Mao Qin Wang DongYang Yang Shuhua	Xinxiang Medical University (China) The Third People's Hospital of Henan Province (China)	STATUS OF THE PSYCHOLOGICAL CONTRACT BETWEEN PSYCHIATRIC NURSES AND NURSE MANAGERS IN A DUAL PERSPECTIVE: A QUALITATIVE STUDY
Gianina Vera Poroşnicu	Iaşi Bar Association (Romania)	MEDICAL MALPRACTICE – AN EMBLEMATIC CASE IN NATIONAL AND INTERNATIONAL JURISPRUDENCE
Abayomi M. Ajayi Ayomide J. Ayoola Paul A. Adeleke S Umukoro	University of Ibadan (Nigeria)	ALCOHOL HERBAL BEVERAGES INTENSIFY STRESS-INDUCED MALE HEALTH DYSFUNCTIONS IN RATS: A CALL FOR PUBLIC HEALTH ACTION
Saliha.BENABDI Meriem.AMANI Kheira.DAHO Derouicha. MATMOUR Mehdi .LAREDJ Dalila.BOUMENDIL	Faculty of Medicine of ORAN (Algeria) Faculty of Medicine of Sidi Bel Abbès (Algeria)	THE EPIDEMIOLOGICAL AND CLINICAL PROFILE OF PEDIATRIC TRAUMA IN EMERGENCY DEPARTMENT
Rikela Fusha	(Albania)	APPLICATION OF TECHNOLOGY SOLUTIONS IN ADVANCING HEALTH SERVICES
Assoc. Prof. Dr. Harish Kumar Verma Assist. Prof. Dr.Poonam Pant Assist. Prof. Dr. Bhumika Sharma Dalia Das	The ICFAI University(India) Shoolini University(India)	FAKE MEDICINES AND HEALTH: SAFETY AND LEGAL CONCERNS IN INDIA

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



ZOOM ID: 860 5266 6988



HALL-1, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: -

AUTHORS	AFFILIATION	TOPIC TITLE
Lect. Fatih Mehmet ATEŞ Prof. Dr. Mevlüt ALBAYRAK	Bayburt University (Türkiye) Atatürk University (Türkiye)	CHEMICAL EXPOSURE OF FIREFIGHTERS: COMPARATIVE ANALYSIS OF OCCUPATIONAL EXPOSURE LIMITS AND RISK ASSESSMENT METHODS
Lect. Fatih Mehmet ATEŞ Prof. Dr. Mevlüt ALBAYRAK	Bayburt University (Türkiye) Atatürk University (Türkiye)	BIOLOGICAL AND CHEMICAL RISKS IN HEALTH CARE WORKERS' WORK AREAS: EVALUATION OF GENOTOXICITY, OXIDATIVE STRESS AND OCCUPATIONAL HYGIENE MEASURES
Mustafa Behlül BEBEK Assoc. Prof. Dr. Sait YILDIRIM	Iğdır University (Türkiye)	INVESTIGATION OF BOLU KARTALKAYA HOTEL FIRE BY FAULT TREE ANALYSIS METHOD
Assoc. Prof. Dr. İbrahim Halil GEÇİBESLER Ersin SUNĞUR	Bingöl University (Türkiye)	DEVELOPMENTS IN FIRE RESPONSE METHODS: A NATIONAL AND INTERNATIONAL ASSESSMENT
Nermin TURAN Prof. Dr. Senayi DÖNMEZ	Iğdır University (Türkiye)	RESPONSIBILITIES OF MUNICIPALITIES IN PREVENTING BUILDING FIRES
Atilla DURMUŞ Assoc. Prof. Dr. Mustafa BİLİCİ	Van Yüzüncü Yıl University (Türkiye)	A STUDY ON THE RELATIONSHIP BETWEEN ORGANIZATIONAL COMMUNICATION AND JOB SATISFACTION
Assist. Prof. Dr. İ. Feda ARAL Prof. Dr. H. Ziya ÖZEK	Namık Kemal University(Türkiye)	ASSIGNMENT OF MULTI DISCIPLINARY PROJECTS ON OCCUPATIONAL SAFETY IN ENGINEERING EDUCATION
Prof. Dr. H. Ziya ÖZEK Assist. Prof. Dr. İ. Feda ARAL	Namık Kemal University(Türkiye)	OCCUPATIONAL HAZARDS IN TEXTILE AND APPAREL INDUSTRY AND AN ANALYSIS OF WORK ACCIDENTS CASES IN TURKEY

# ONLINE SESSION / 15.04.2025



ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



ZOOM ID: 860 5266 6988



HALL-2, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Dr. Gülhan AKDEMİR

AUTHORS	AFFILIATION	TOPIC TITLE
Lect. Hanım Duru Yüce BAŞARAN Res. Assist. Özlem ABI Lect. Dr. Gülhan AKDEMİR Assist. Prof. Dr. Derya ŞİMŞEKLİ	Iğdır University (Türkiye) Ardahan University (Türkiye)	ERGONOMICS IN HEALTH PROFESSIONALS: OCCUPATIONAL HEALTH AND SAFETY PERSPECTIVE
Assist. Prof. Dr. Derya ŞİMŞEKLİ Lect. Hanım Duru Yüce BAŞARAN Lect. Dr. Gülhan AKDEMİR Res. Assist. Özlem ABI	Ardahan University (Türkiye) Iğdır University (Türkiye)	FALL RISK IN COPD
Assist. Prof. Dr. Derya ŞİMŞEKLİ Lect. Dr. Gülhan AKDEMİR Lect. Hanım Duru Yüce BAŞARAN Res. Assist. Özlem ABI	Ardahan University (Türkiye) Iğdır University (Türkiye)	OCCUPATIONAL RESPIRATORY DISEASES
Lect. Hanım Duru Yüce BAŞARAN Lect. Dr. Gülhan AKDEMİR Res. Assist. Özlem ABI Assist. Prof. Dr. Derya ŞİMŞEKLİ	Iğdır University (Türkiye) Ardahan University (Türkiye)	CUTS AND STABILITY INJURIES IN HEALTH PROFESSIONALS: RISKS AND PREVENTIVE STRATEGIES IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY
Lect. Dr. Gülhan AKDEMİR Assist. Prof. Dr. Derya ŞİMŞEKLİ Res. Assist. Özlem ABI Lect. Hanım Duru Yüce BAŞARAN	Iğdır University (Türkiye) Ardahan University (Türkiye)	OCCUPATIONAL RISKS AFFECTING THE REPRODUCTIVE HEALTH OF HEALTH PROFESSIONALS
Lect. Dr. Gülhan AKDEMİR Res. Assist. Özlem ABI Assist. Prof. Dr. Derya ŞİMŞEKLİ Lect. Hanım Duru Yüce BAŞARAN	Iğdır University (Türkiye) Ardahan University (Türkiye)	OCCUPATIONAL RISKS OF PREGNANT NURSES
Res. Assist. Özlem ABI Lect. Hanım Duru Yüce BAŞARAN Assist. Prof. Dr. Derya ŞİMŞEKLİ Lect. Dr. Gülhan AKDEMİR	Iğdır University (Türkiye) Ardahan University (Türkiye)	LATEX GLOVE USE IN THE OPERATING ROOM SAFETY, RISKS, AND PROTECTIVE MEASURES
Res. Assist. Özlem ABI Assist. Prof. Dr. Derya ŞİMŞEKLİ Lect. Hanım Duru Yüce BAŞARAN Lect. Dr. Gülhan AKDEMİR	Iğdır University (Türkiye) Ardahan University (Türkiye)	RADIATION EXPOSURE AND HEALTH RISKS IN THE OPERATING ROOM

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ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



ZOOM ID: 860 5266 6988



HALL-3, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Prof. Dr. İsmail ÇAKMAK

AUTHORS	AFFILIATION	TOPIC TITLE
Assist. Prof. Dr. Emin Taner ELMAS Prof. Dr. İhsan Ömür BUCAK	Iğdır University (Türkiye)	MODELING AND SIMULATION OF THE FM MODULATED SMART DRUG ALGORITHM FOR THE TREATMENT OF COVID-19 AND SIMILAR VIRUSES BESIDES CANCER CELLS
Lect. Hüseyin Melih Göktuğ AKPULAT Lect. Binnaz BOZKURT AKPULAT	Iğdır University (Türkiye)	MUSIC THERAPY AND VIRTUAL REALITY APPROACHES IN PARKINSON'S INDIVIDUALS
Sema BÜĞÜŞAN ORUÇ Hüseyin Melih Göktuğ AKPULAT Abdurrahim Eyüp CANBALOĞLU	Iğdır University (Türkiye)	RANDOMIZED CONTROLLED RESPIRATORY STUDIES CONDUCTED IN THE PHYSIOTHERAPY DEPARTMENT IN TURKEY: A CONTENT ANALYSIS STUDY
Fahriye Nur KAYA Assoc. Prof. Dr. Sait YILDIRIM	Iğdır University (Türkiye)	AN EVALUATION ON THE DETECTION AND PRECAUTION OF ELECTRICAL WORK ACCIDENTS THAT MAY OCCUR IN KINDERGARTENS
Prof. Dr. İsmail ÇAKMAK	Kafkas University (Türkiye)	LOW COST ALTERNATIVE EMERGENCY COMMUNICATION SYSTEM WITH JS8CALL WEAK SIGNAL COMMUNICATION
Assoc. Prof. Dr. Fatma GÜR Assoc. Prof. Dr. Bahri GÜR	Atatürk University(Türkiye) Iğdır University(Türkiye)	MOLECULAR MODELING OF THE EFFECT OF A THIOPHENE-DERIVED COMPOUND TARGETING PROGRAMMED CELL DEATH ON THE PI3K/AKT PATHWAY IN LUNG CANCER CELLS (A549)
Assoc. Prof. Dr. Fatma GÜR	Atatürk University(Türkiye)	EFFECTS OF PROTEIN-RICH DIETS ON HEART, LIVER AND KIDNEY

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ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



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HALL-4, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Nino Gasoiani

AUTHORS	AFFILIATION	TOPIC TITLE
David Aphkhazava Nodar Sulashvili Keerthana Ramdas	Tbilisi State Medical University (Georgia)	THE MANIFESTATION OF SCIENTIFIC REVIEW TALKS OF KEY ISSUE ASPECTS OF CHARACTERISTICS OF ASSESSING THE HEALTH RISKS OF ELECTRONIC CIGARETTES: A COMPREHENSIVE REVIEW
Levan Giorgobiani Khatuna Todadze Nodar Sulashvili Iulia Zedgenidze Marina Giorgobiani	Tbilisi State Medical University (Georgia)	THE SCIENTIFIC REVIEW TALKS OF MANIFESTATION OF KEY ISSUE FEATURES OF CHARACTERISTICS OF THE EFFECTS OF SARS-COV-2 ON BEHAVIORAL AND PSYCHOSOCIAL PARAMETERS OF OPIOID-DEPENDENT PATIENTS ON METHADONE REPLACEMENT THERAPY IN GENERAL
Nino Gasoiani Lia Gumbaridze	Tbilisi State Medical University (Georgia)	SELF-MEDICATION PRACTICES IN GEORGIA: PREVALENCE, CAUSES, AND PUBLIC HEALTH IMPLICATIONS
Dr. Mehwash Kashif Anusha Ahmed Asma Bint-e-Adil	Karachi Metropolitan University (Pakistan)	MICROBIAL MODULATION THERAPY FOR CANCER PATIENTS- A SYSTEMATIC REVIEW
Angjela Çaveli Paula Gjoshi	Western Balkans University (Albania) University of Medicine (Albania)	THE IMPACT OF VISCERAL MANIPULATION THERAPY ON GASTROINTESTINAL DISORDERS, PELVIC HEALTH, AND LOW BACK PAIN TREATMENT
Imane MHILISS Rajaa SEBIHI Mohamed Youssef MESSOUS Driss BENCHEKROUN Nadya DOUIHI	Mohammed V University (Morocco) National Centre for Nuclear Energy (Morocco) Hassan II University (Morocco) IBN Zohr University (Morocco)	STUDY OF CAMOO 4 (ER) DETECTOR'S MODEL SIMULATED BY USING MCNP-X CODE
Pranoti Nikam Abhijit Erande Ugale Rushikesh Pote Rohan Halnor Nitin	JES's SND College of Pharmacy (India)	RESEARCH PROGRESS OF SORAFENIB DRUG DELIVERY SYSTEM IN THE TREATMENT OF HEPATOCELLULAR CARCINOMA: AN UPDATE

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ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



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HALL-5, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Dr. Vivekanand Kattimani

AUTHORS	AFFILIATION	TOPIC TITLE
Soukaina El Bourachdi Abdelhay El Amri Ali Raza Ayub Yassine Rakcho Fatima Moussaoui Amal Lahkimi	Sidi Mohamed Ben Abdellah University (Morocco) Ibn Tofail University (Morocco) Beijing Institute of Technology (China) Cadi Ayyad University (Morocco) Sidi Mohamed Ben Abdellah University (Morocco)	ECO-FRIENDLY GREEN SYNTHESIS, SURFACE FUNCTIONALIZATION, AND PERFORMANCE OPTIMIZATION OF REDUCED GRAPHENE OXIDE (RGO) FOR HIGH-EFFICIENCY ADSORPTION OF RHODAMINE B DYE: A DETAILED EXPERIMENTAL INVESTIGATION AND IN-DEPTH MECHANISTIC ANALYSIS USING DENSITY FUNCTIONAL THEORY (DFT)
Dr. Vivekanand Kattimani Dr. Ratna Kumari Anantha	SIBAR Institute of Dental Sciences (India)	ADVANCING WOUND CARE: CHICKEN EGGSHELL MEMBRANE SEPARATION TECHNIQUES AND THEIR BIOMEDICAL POTENTIAL
Muhammad Amjad Syed Makhdoom Hussain Muhammad Mudassar Shahzad Nisar Ahmad Danish Riaz Adan Naeem	Government College University (Pakistan)	BIOCHAR-BASED FEED SUPPLEMENTS: EVALUATING GROWTH, DIGESTIBILITY, AND PHYSIOLOGICAL RESPONSES IN FISH
Nouh Mounadi Hassan Nour Samir Chtita	Hassan II University (Morocco)	COMPUTATIONAL METHODS FOR DISCOVERING DRUG REPURPOSING STRATEGIES IN THE TREATMENT OF INFLUENZA
Yassine Koubi Youness Moukhliiss	University of Moulay Ismail (Morocco)	A COMPUTATIONAL STUDY OF DI- SUBSTITUTED 1,2,3-TRIAZOLE DERIVATIVES AS POTENTIAL MYCOBACTERIUM TUBERCULOSIS DRUG CANDIDATES: 3D-QSAR, MOLECULAR DOCKING, MOLECULAR DYNAMICS, AND ADMETox
Shivangi Pandey Mr. Abhishek Kumar Verma	Central University of Punjab (India)	PATENT WAIVERS IN PANDEMICS: A CATALYST FOR GLOBAL HEALTH EQUITY OR A DETERRENT TO PHARMACEUTICAL INNOVATION?
Meriem Khedraoui El Mehdi Karim Abdelkbir Errougui Samir Chtita	Hassan II University (Morocco)	RATIONAL DESIGN OF NOVEL ANTI- ALZHEIMER'S INHIBITORS THROUGH 3D QSAR MODELING, MOLECULAR DOCKING, AND MOLECULAR DYNAMICS SIMULATIONS FOR ENHANCED THERAPEUTIC POTENTIAL
Bouchra Rossafi Mhammed ELKOUALI Samir CHTITA	Hassan II University (Morocco)	IN SILICO DESIGN OF PYRIDONES DERIVATIVES AS ALPHA- GLUCOSIDASE INHIBITORS: A QSAR STUDY, MOLECULAR DOCKING, ADMET, AND MOLECULAR DYNAMICS APPROACH
Lamiaie El Bouamri Imane Yamari Mohammed Bouachrine Samir CHTITA	Hassan II University (Morocco)	POTENTIAL THERAPEUTIC EFFECTS OF MOROCCAN URTICA DIOICA EXTRACT ON TRICHOPHYTON RUBRUM: INSIGHTS FROM IN SILICO SCREENING AND MOLECULAR DYNAMICS

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HALL-6, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Major Gheorghe GIURGIU

AUTHORS	AFFILIATION	TOPIC TITLE
Syed Anam Shaheen Abbas Shah Muhammad Shoaib Muhammad Yasin Naz Shazia Shukrullah	University of Agriculture Faisalabad (Pakistan)	SYNTHESIS AND CHARACTERIZATION OF SILICA-CHITOSAN DECORATED MAGNETIC NANOSTRUCTURE FOR WASTEWATER TREATMENT
Okusanya P.O. Jarikre, T. A. Taiwo V. O Akinlade, O.O.	Ilaro Ogun State (Nigeria) University of Ibadan (Nigeria)	EFFECT OF VITAMIN E SUPPLEMENTATION ON GROWTH PERFORMANCE OF COCKEREL FED DIETS WITH AFLATOXIN B1
V T Poorani	Rajalakshmi Engineering College (Chennai)	SYNTHESIS OF SILVER NANO PARTICLE FROM MORINGA OLIFERA INNER AND OUTER CORE OF THE ROOT AND DETERMINING ITS ANTICANCERES PROPERTY
Major Gheorghe GIURGIU Prof. Dr. Manole COJOCARU	Deniplant-Aide Sante Medical Center (Romania) Titu Maiorescu University (Romania)	GUT MICROBIOME AND METABOLITES IN RHEUMATOID ARTHRITIS: LINK, MECHANISMS AND DENIPLANT INTERVENTION
Adegbola Oluwatosin Oluwabukola	The Federal Polytechnic Ilaro (Nigeria)	ANTICANCER EFFECT OF BETACARYOPHYLENE: SYSTEMATIC REVIEW
Faizan Afzal	Hajvery University (Pakistan)	PRESCRIPTION DRUG MISUSE (PDP): A COESSENTIAL AND DESCRIPTIVE TYPE OF STUDY IN PUBLIC AND PHARMACIES TO EVALUATE ROOT CAUSE OF DRUG MISUSE
AMROUCHE Zoheir EI HADI Djamel FAUCONNIER Marie-Laure Laribi-Habchi Hassiba	University of Blida (Algeria) University of Liege (Belgium)	PHENOLIC PROFILE, EFFECT OF CATECHINS GREEN TEA ON THE OBESITY OF RABBITS

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ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



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HALL-1, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: -

AUTHORS	AFFILIATION	TOPIC TITLE
Assist. Prof. Dr. Rabia BALCI	Amasya University (Türkiye)	ISO 45001 AND PROCESS SAFETY INTEGRATION: A SYSTEMATIC APPROACH FOR A SAFE WORKING ENVIRONMENT
Emine ÜNEL Prof. Dr. Senayi DÖNMEZ	Iğdır University (Türkiye)	SAFE DESIGN APPROACH IN OCCUPATIONAL HEALTH AND SAFETY: A PREVENTIVE STRATEGY
Nagihan KOÇAK TETİK Prof. Dr. Senayi DÖNMEZ	Iğdır University (Türkiye)	INVESTIGATION OF THE RELATIONSHIP BETWEEN JOB SATISFACTION AND JOB SECURITY PERCEPTION LEVELS
Gülcan YOLU Prof. Dr. Mehmet Hakkı ALMA Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	EMPLOYEE PSYCHOLOGY AND PSYCHOSOCIAL RISKS; MENTAL HEALTH AND PRODUCTIVITY IN THE WORKPLACE
Serhat ÖNDER Assist. Prof. Dr. Okan ÖZBAKIR	Iğdır University (Türkiye)	LEGAL LIABILITY OF EMPLOYERS FOR WORK ACCIDENTS
Mehmet Lokman AKBAŞ Assist. Prof. Dr. Hatice GÜNER	Elazığ Municipality (Türkiye) Istanbul Rumeli University (Türkiye)	THE EFFECT OF JOB SAFETY ON JOB SATISFACTION OF MUNICIPAL STAFF: CASE OF ELAZIG MUNICIPALITY
Lect. Pınar YEŞİLGÖZ	Istanbul Esenyurt University (Türkiye)	LEGAL AND ETHICAL DIMENSIONS OF VIOLENCE AGAINST HEALTH WORKERS IN EMERGENCY SERVICES: LEGISLATIVE COMPARISON AND POLICY RECOMMENDATIONS
Hakan GÜL Assoc. Prof. Dr. Ebru MAVİOĞLU AYAN	Ege University (Türkiye)	INCREASING OCCUPATIONAL SAFETY IN THE SHIP DISMANTLING FACILITY OPERATING IN THE ALIĞA REGION

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HALL-2, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Assoc. Prof. Dr. Bahri GÜR

AUTHORS	AFFILIATION	TOPIC TITLE
Prof.Dr.Recep GÜLŞEN	Iğdır University(Türkiye)	THE CRIME OF MAKING WORK UNAUTHORIZED IN WORK STOPPED IN THE WORKPLACE
Lect. İsmail AKŞİT Assoc. Prof. Dr. Bahri GÜR	Kafkas University (Türkiye) Iğdır University (Türkiye)	ASSESSMENT OF OCCUPATIONAL HEALTH AND SAFETY RISKS TO WHICH WORKERS IN HAIRDRESSING ESTABLISHMENTS ARE EXPOSED
Lect. İsmail AKŞİT Assoc. Prof. Dr. Bahri GÜR	Kafkas University (Türkiye) Iğdır University (Türkiye)	A STUDY ON THE ESTABLISHMENT OF OCCUPATIONAL HEALTH AND SAFETY TRAINING FACILITIES
Lect. Esra DENİZ Assoc. Prof. Dr. Bahri GÜR	Kafkas University (Türkiye) Iğdır University (Türkiye)	ECO-INNOVATION AND OCCUPATIONAL SAFETY: NEW TECHNOLOGIES AND NEW RISKS
Assist. Prof. Dr. Bahar KEFELİ ÇOL Assist. Prof. Dr. Ayse GÜMÜSLER BASARAN Assist. Prof. Dr. Burcu GENC KOSE Emine BAKOĞLU	Recep Tayyip Erdoğan University (Türkiye)	THE RELATIONSHIP BETWEEN FEAR OF CONTAGION/ TRANSMISSION AND COMMUNICABLE DISEASE RISK AWARENESS AND PREVENTION METHODS IN UNIVERSITY STUDENTS
Assist. Prof. Dr. Esmâ BAŞARAN	Iğdır University (Türkiye)	PATIENT SAFETY: A MULTI-DIMENSIONAL HEALTH CARE OBLIGATION
Canan ABURSU Assoc. Prof. Dr.Muhittin KULAK	Iğdır University (Türkiye)	PSYCHOLOGICAL RISKS IN HEALTH SERVICES AND THEIR EVALUATION IN THE CONTEXT OF OCCUPATIONAL HEALTH AND SAFETY: A BIBLIOMETRIC ANALYSIS

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HALL-3, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Assist. Prof. Dr. Eda GÜLBETEKİN

AUTHORS	AFFILIATION	TOPIC TITLE
Lect. Dr. Gülçin AŞUT Lect. Dr. Zeynep YILDIRIM	Iğdır University (Türkiye)	EFFECT OF RISKY BEHAVIORS ON ADOLESCENT HEALTH
Lect. Dr. Gülçin AŞUT Assist. Prof. Dr. Eda GÜLBETEKİN	Iğdır University (Türkiye)	COMMON HOME ACCIDENTS IN CHILDREN AND THEIR AFFECTING FACTORS
Assist. Prof. Dr. Eda GÜLBETEKİN Lect. Dr. Zeynep YILDIRIM	Iğdır University (Türkiye)	INVESTIGATION OF PARENTS' LEVEL OF KNOWLEDGE ABOUT HEALTH LITERACY: A LITERATURE REVIEW
Assist. Prof. Dr. Eda GÜLBETEKİN Lect. Dr. Gülçin AŞUT	Iğdır University (Türkiye)	INVESTIGATION OF THE EFFECT OF SUPPLEMENTAL NURSING SYSTEM ON DEVELOPMENTAL FINDINGS IN NEWBORNS: A LITERATURE REVIEW
Lect. Dr. Zeynep YILDIRIM Lect. Dr. Gülçin AŞUT	Iğdır University (Türkiye)	DETERMINATION OF HEALTHY LIFESTYLE BEHAVIOR LEVELS IN OBESE ADOLESCENTS. A LITERATURE REVIEW
Lect. Dr. Zeynep YILDIRIM Assist. Prof. Dr. Eda GÜLBETEKİN	Iğdır University (Türkiye)	DETERMINATION OF DIGITAL GAME ADDICTION LEVEL IN ADOLESCENTS A LITERATURE REVIEW
Begüm Kübra ALTUNDAŞ Assist. Prof. Dr. Gülşen ÖZDURAN	Private Clinic (Türkiye) Mudanya University (Türkiye)	POTENTIAL PROTECTIVE EFFECTS OF AVOCADO ON CARDIOVASCULAR HEALTH
Esra ERSÖZ GENÇ İdris GENÇ	Menderes State Hospital (Türkiye) Iğdır University (Türkiye)	EFFECTIVENESS OF WORKPLACE HEALTH SCREENINGS: ROLE SHARING BETWEEN FAMILY PHYSICIANS AND OCCUPATIONAL PHYSICIANS
İdris GENÇ Dr. Esra ERSÖZ GENÇ	Iğdır University (Türkiye) Menderes State Hospital (Türkiye)	COMBATING WORKPLACE MOBBING: A COMPARATIVE REVIEW OF INTERNATIONAL POLICIES, LEGAL FRAMEWORKS, AND EDUCATIONAL PROGRAMS
Feyzanur KAYMAKCI Prof.Dr. Fatma GÜDÜCÜ TÜFEKÇİ	Atatürk University(Türkiye)	EFFECT OF BREAST MILK AND FORMULA FEEDING ON THE RATE OF DISEASE AND RECOVERY DURATION IN CHILDREN WITH ACUTE BRONCHIOLITIS

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HALL-4, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Prof. Dr. Djahida BENHOUDA

AUTHORS	AFFILIATION	TOPIC TITLE
Sarra FARJALLAH	University of Tunis El Manar (Tunisia)	CHARACTERIZATION OF HEPATOCYTES AND THEILERIA SPP. IN RODENT SPECIES OF SAUDI ARABIA: MOLECULAR AND PHYLOGENETIC ANALYSES
Sarra FARJALLAH	University of Tunis El Manar (Tunisia)	GENE FLOW AND MOLECULAR CHARACTERIZATION OF FASCIOLA POPULATIONS ALONG THE TUNISIAN-ALGERIAN BORDER: IMPLICATIONS FOR CONTROLLING VECTOR TRADE
Shalvi Pawar Kiran Kulkarni	College of Pharmacy (India)	CAR-T CELL THERAPY IN CANCER TREATMENT: A REVOLUTIONARY IMMUNOTHERAPEUTIC APPROACH
Antonio Bento Rita Bárbara Silvana Rocha da Silveira	Private University of (Angola)	THE IMPACT OF HEMODIALYSIS ON MUSCLE COMPOSITION AND FUNCTIONAL CAPACITY IN PATIENTS WITH CHRONIC KIDNEY DISEASE: EVIDENCE FROM A CENTER IN LUANDA
Imane AHNOUZ	Mohammed V University (Morocco)	STUDY OF NEUTRON-GAMMA DISCRIMINATION TECHNIQUES USED IN SCINTILLATION DETECTORS
Prof. Dr. Djahida BENHOUDA Rest. Assist. Afaf BENHOUDA	University Batna 2 (Algeria)	CHRONIC MYELOID LEUKEMIA: EPIDEMIOLOGICAL, CLINICAL, AND ETIOLOGICAL ASPECTS

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HALL-5, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Khadija DOUKALI

AUTHORS	AFFILIATION	TOPIC TITLE
Khadija DOUKALI	University of Tunis El Manar (Tunisia)	INTEGRATIVE MORPHOLOGICAL AND MOLECULAR CHARACTERIZATION OF GILL MONOGENEANS IN WILD AND FARMED SPARUS AURATA FROM TUNISIA
Thenmozhi. M Karishma Singh.Y V. Aravindan V. Dinesh kumar V.Jayavendan Sri Nandhini. E N. K. Udaya Prakash	Technology and Advanced Studies (India)	SCREENING OF PSYCHROPHILIC FUNGI IN RESIDENTIAL REFRIGERATORS
R.Vidhyalakshmi K.Rajaganapathy	Bharath Institute Of Higher Education And Research (India)	ENZYME-ASSISTED EXTRACTION OF BIOACTIVE COMPOUNDS FROM FRUITS AND VEGETABLES
ROSSI Manal BENBOUBKER Moussa HMAMI Fouzia OUMOKHTAR Bouchra	University of Sidi Mohamed Ben Abdellah (Morocco)	BACTERIAL COLONIZATION AND INFECTION RISKS IN NEONATAL CARE: INSIGHTS INTO PERIPHERAL VENOUS CATHETER MANAGEMENT AND ASEPTIC COMPLIANCE
Mohamed OUABANE Khadija ZAKI Hanane ZAKI Abdelkrim GUENDOUI Abdelouahid SBAI Chakib SEKKATE Tahar LAKHLIFI Mohammed BOUACHRINE	My Ismail University (Morocco) Biotechnology, Bioresources, and Bioinformatics Laboratory at the Higher School of Technology (Morocco) University of Saida(Algeria)	INHIBITION OF THE JANUS KINASE PROTEIN (JAK1) BY THE A. PYRETHRUM ROOT EXTRACT FOR THE TREATMENT OF VITILIGO PATHOLOGY. DESIGN, MOLECULAR DOCKING, ADME-TOX, MD SIMULATION AND IN-SILICO INVESTIGATION
Kajal Shivbabu Kesarwani	College of Pharmacy (India)	NEUTRACEUTICALS "ROLE OF NEUTRACEUTICALS IN PREVENTING LIFESTYLE DISORDERS"
Oladimeji Fatimah Bolanle Faokunla Opeyemi Usman Umaamatu Ohunene Mohammed Sani Sade Owoeye Fisayo Deborah Kelly Babatunde Abiodun	Federal University Lokoja (Nigeria) Wesley University Ondo (Nigeria) Adekunle Ajasin University (Nigeria)	HEPATOTOXICITY ASSESSMENT OF GRAINS PRESERVED WITH CHEMICAL PESTICIDE AND BIOPESTICIDE IN MALE WISTAR RATS
Andrius Kazimieras MINELGA Lukas MATULEVIČIUS	Lithuanian University of Health Sciences (Lithuania)	PERSONALIZED MEDICINE APPROACHES IN GIANT CELL ARTERITIS

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ANKARA LOCAL TIME - 10<sup>00</sup> : 12<sup>00</sup>



ZOOM ID: 860 5266 6988



HALL-6, SESSION-1

PASSCODE: 010203

## HEAD OF SESSION: Kerimu Ikazuwagbe Joel

AUTHORS	AFFILIATION	TOPIC TITLE
Jonas Pipiras Andrius Kazimieras Minelga Rūta Minelgienė MD	Lithuanian University of Health Sciences (Lithuania)	SYMPTOMS OF INTERVERTEBRAL DISC HERNIATION AS A MANIFESTATION OF SOLITARY BONE PLASMACYTOMA
Kerimu Ikazuwagbe Joel Omolola Justinah Awosika Dr. Samson Olaoluwa Agbaje Prof. Olufunmilola Leah Dominic Adewale Sikiru Adeoye	University of Ilorin (Nigeria) Wesley University (Nigeria) University of Nigeria (Nigeria)	FACTORS PREDICTING PHYSICAL ACTIVITY AND HEALTH RESPONSIBILITY AMONG MIDDLE-AGED STAFF OF TERTIARY INSTITUTIONS
Javeria yaqoob	University of Management and Technology (Pakistan)	STREET HARASSMENT, DECISION REGRET AND POST TRAUMATIC GROWTH AMONG YOUNG WOMEN EXPERIENCED STREET HARASSMENT
Antonio Bento Rita Bárbara Silvana Rocha da Silveira	Private University of (Angola)	MUSCLE MASS LOSS IN ELDERLY PEOPLE FROM LUANDA: FUNCTIONAL PROFILE AND CLINICAL EVIDENCE
Rita Santa Barbara Benaquenico Luanda Silvana Rocha da Silveira	Private University of (Angola)	MAPPING FUNCTIONAL DECLINE IN ANGOLAN OLDER ADULTS: A PILOT APPLICATION OF THE ICOPE FRAMEWORK IN PERI-URBAN LUANDA
Andrea Lehoczki Noémi Mózes Mónika Fekete Zoltán Ungvári	Semmelweis University (Hungary)	THE IMPACT OF LOW-CARBOHYDRATE AND KETOGENIC DIETS ON ADULTS WITH TYPE 1 DIABETES
Donnathly Michellyn Halen Halim Mad Lazim Mohamed Najib Salleh	University of Northern Malaysia (Malaysia)	BEHIND THE BONE: ADVANCING SUSTAINABILITY, SAFETY, AND PERFORMANCE IN MALAYSIA'S ORTHOPAEDIC DEVICE MANUFACTURING

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HALL-1, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Assist. Prof. Dr. Evren ÇAĞLARER

AUTHORS	AFFILIATION	TOPIC TITLE
Assist. Prof. Dr. Evren ÇAĞLARER Assist. Prof. Dr. Filiz ARICAK	Kirklareli University (Türkiye) Trakya University (Türkiye)	THE IMPORTANCE OF THE ROMBERG TEST IN WORKING AT HEIGHTS: A PRACTICAL APPROACH TO FALL RISK PREVENTION
Beyza Nur AZMANOĞLU İrem Zülal KARABİNA Prof. Dr. Şengül YALÇINKAYA	Karadeniz Technical University (Türkiye)	ACADEMIC TRENDS IN OCCUPATIONAL HEALTH AND SAFETY IN ARCHITECTURE: A BIBLIOMETRIC ANALYSIS
İrem Zülal KARABİNA Beyza Nur AZMANOĞLU Prof. Dr. Şengül YALÇINKAYA	Karadeniz Technical University (Türkiye)	ARCHITECTURAL DESIGN AND OCCUPATIONAL HEALTH AND SAFETY: RISKS AND PREVENTIVE STRATEGIES
Dr. Aslıhan GUNGORDU Asst. Prof. Dr. Hasan Uğur ONCEL Dr. Lect. Gürhan GUNGORDU	İstanbul Gedik University (Türkiye) İstanbul Rumeli University (Türkiye)	EARTHQUAKES WITHIN THE SCOPE OF DISASTER MANAGEMENT; PROTECTION OF IMMOVABLE CULTURAL HERITAGE BUILDINGS AND USER SCALE
İbrahim TÜZÜNER Assoc. Prof. Dr. Ebru MAVİOĞLU AYAN	Ege University (Türkiye)	RISK ASSESSMENT RELATED TO CHEMICAL SUBSTANCES USED IN WIND TURBINE BLADE MANUFACTURING COMPANY
Lect. Gediz TATAR	Ordu University (Türkiye)	EVALUATION OF CONSTRUCT VALIDITY OF SCALE DEVELOPMENT STAGES THROUGH A SAMPLE STUDY
Lect. Gediz TATAR	Ordu University (Türkiye)	DEFINING THE APPLICATION STAGES OF SCALE DEVELOPMENT STEPS
Nurhan DENİZ Assoc. Prof. Dr. Ebru MAVİOĞLU AYAN	Ege University (Türkiye)	RISK ASSESSMENT FOR CHEMICALS USED IN A COMPANY PRODUCING AUTOMOBILE PARTS IN İZMİR PROVINCE
Assist. Prof. Dr. Filiz ARICAK Assist. Prof. Dr. Evren ÇAĞLARER	Trakya University(Türkiye) Kirklareli University(Türkiye)	MUSCULOSKELETAL SYSTEM RISKS FACED BY FEMALE WORKERS: CURRENT DATA AND SOLUTION PROPOSALS IN TURKEY

# ONLINE SESSION / 16.04.2025



ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



ZOOM ID: 860 5266 6988



HALL-2, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Dr. Muhammed YASUL

AUTHORS	AFFILIATION	TOPIC TITLE
Fatima Hüseynova	Ankara University (Türkiye)	USE OF MEDICINAL PLANTS IN MODERN PHARMACOLOGY
Prof. Dr. Cihan GÜNAY Selim TAŞKIN Prof. Dr. Aydın SAĞLAYAN Dr. Alperen YILDIRIM	Fırat University (Türkiye)	INVESTIGATION OF ANTERIOR UVEAL DISEASES IN CATS
Res. Assist. Dr. Muhammed YASUL Özge OKTAY AYAN Dr. Milad AFŞAR Assoc. Prof. Dr. Adnan AYAN Assoc. Prof. Dr. Ali Bilgin YILMAZ	Iğdır University (Türkiye) Van Yüzüncü Yıl University (Türkiye) Aksaray University (Türkiye)	INVESTIGATION OF ANAPLASMA OVIS IN TICKS OBTAINED FROM SHEEP IN IĞDIR PROVINCE BY MOLECULAR METHODS
Res. Assist. Dr. Muhammed YASUL Özge OKTAY AYAN Dr. Milad AFŞAR Assoc. Prof. Dr. Adnan AYAN Assoc. Prof. Dr. Ali Bilgin YILMAZ	Iğdır University (Türkiye) Van Yüzüncü Yıl University (Türkiye) Aksaray University (Türkiye)	INVESTIGATION OF BABESIA OVIS IN TICKS OBTAINED FROM SHEEP IN IĞDIR PROVINCE BY MOLECULAR METHODS
Dr. Milad AFŞAR Res. Assist. Muhammed YASUL Lect. Asım ÖZBEK Dr. Maksut ŞAHİN Özge OKTAY AYAN	Van Yüzüncü Yıl University (Türkiye) Iğdır University (Türkiye) Siirt University (Türkiye)	INVESTIGATION OF PARASITIC AGENTS IN FRESH VEGETABLES SOLD IN NEIGHBOURHOOD MARKETS AND MARKETS IN THE CENTRE OF SIIRT PROVINCE
Lect. Musa KARADAĞ Dr. Yunus BAŞAR Prof. Dr. Mehmet Hakkı ALMA	Iğdır University (Türkiye)	PHYTOCHEMICAL CONTENT ANALYSIS OF ELAEAGNUS ANGUSTIFOLIA L.: SIGNIFICANCE FOR FOOD, HEALTH AND COSMETICS

# ONLINE SESSION / 16.04.2025



ANKARA LOCAL TIME - 12<sup>30</sup> : 14<sup>30</sup>



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HALL-3, SESSION-2

PASSCODE: 010203

## HEAD OF SESSION: Prof. Dr. Mustafa CENGİZ

AUTHORS	AFFILIATION	TOPIC TITLE
Uzm. Dr. Banu İSMAİL MENDİ Uzm. Dr. Günel RASULOVA Dr. Batuhan Kerem BALAN	Niğde Ömer Halisdemir University (Türkiye) Koç University (Türkiye) Hacettepe University (Türkiye)	COMPARISON OF DERMOSCOPIC FEATURES AMONG ROSACEA SUBTYPES
Assist. Prof. Dr. İbrahim DOĞRU Assoc. Prof. Dr. Levent CİĞERİM	Van Yüzüncü Yıl University (Türkiye)	EVALUATION OF THE EFFICACY OF DIFFERENT DRUG COMBINATIONS IN INDIVIDUALS WITH ACUTE DENTAL PAIN
Prof. Dr. Mustafa CENGİZ Assoc. Prof. Dr. Alpaslan BAYRAKDAR Assoc. Prof. Dr. Canan VEJSELOVA SEZER	Siirt University (Türkiye) İğdır University (Türkiye) Kütahya Dumlupınar University (Türkiye)	FERROPTOSIS AND CUPROPTOSIS IN CANCER CELLS: NEXT GENERATION THERAPEUTIC TARGETS
Assoc. Prof. Dr. Canan VEJSELOVA SEZER Prof. Dr. Mustafa CENGİZ Assoc. Prof. Dr. Alpaslan BAYRAKDAR	Kütahya Dumlupınar University (Türkiye) Siirt University (Türkiye) İğdır University (Türkiye)	APOPTOSIS DETECTION METHODS: BIOMARKERS, TECHNIQUES AND THEIR ROLE IN CANCER RESEARCH
Hatun Şevval SAĞIN	Istanbul Esenyurt University (Türkiye)	INTERMITTENT FASTING AND INSULIN SENSITIVITY: A NATURAL APPROACH TO METABOLIC HEALTH
Samira Muradova Khayala Mammadova	Azerbaijan Medical University (Azerbaijan)	THE ROLE OF PRECISION MEDICINE IN CARDIOVASCULAR DISEASE MANAGEMENT
Zeynalova Khuraman Akhundova Natavan Ismayilova Arzu Karimova Sevinj Vahabova Sharifa Bayramova Elnara Ahmedova Turkan	Azerbaijan Medical University (Azerbaijan)	HEMATOLOGICAL RESULTS IN PREGNANCY
Amina Aslanova Ismayil Gafarov Khayala Mammadova	Azerbaijan Medical University (Azerbaijan)	BIOPHYSICAL MECHANISMS OF APOPTOSIS: A COMPREHENSIVE ANALYSIS

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## HEAD OF SESSION: Dr Khalida Madoui

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Ananda Majumdar	University of Alberta (Canada)	NURTURING SOCIAL AND EMOTIONAL DEVELOPMENT IN EARLY CHILDHOOD: THE ROLE OF SCHOOLS AND EDUCATORS
Md. Arifur Rahman Al Azim	University of Rajshahi (Bangladesh)	DEPRESSION AND COPING STRATEGIES AMONG ATHLETE AND NON-ATHLETE STUDENTS OF RAJSHAHI UNIVERSITY: A COMPARATIVE STUDY
Mihaela Camelia Motorca Mihaela Gavrilă-Ardelean	"Aurel Vlaicu" University of Arad (Romania)	MEMES AS A COPING MECHANISM
Hu Jingru Wang DongYang Qin Yujuan Mao Qin	The Third People's Hospital of Henan Province (China) Xinxiang Medical University (China)	ANALYSIS OF THE INTERDEPENDENCE MODEL BETWEEN SUBJECT AND OBJECT ON DISEASE PROGRESSION FEAR IN ELDERLY CARDIOVASCULAR DISEASE PATIENTS WITH ABNORMAL GLUCOSE METABOLISM AND THEIR CAREGIVERS' FAMILY RESILIENCE
Assoc. Prof. Monika LOPUSZANSKA-DAWID Prof. Miroslav KOPECKY	Józef Piłsudski University of Physical Education in Warsaw (Poland) Palacky University Olomouc (Czech Republic)	PSYCHOLOGICAL WELL-BEING AS A HEALTH DETERMINANT AMONG POLISH ADULT POPULATION: THE MODERATING ROLE OF CRISIS PERIODS
Negin Lohrasbi Sara Arshadi Faezeh Tejareh Amin Abbasi	Shahid Beheshti University of Medical Sciences (Iran) Islamic Azad University (Iran)	THE ROLE OF THE GUT MICROBIOME IN MENTAL HEALTH AND SEROTONIN PRODUCTION
Hoorieh Darvishi	Hamadan University of Medical Sciences (Iran)	A RETROSPECTIVE STUDY OF RISPERIDONE IN CHILDREN WITH AUTISM SPECTRUM DISORDER: COMPARISON OF DISRUPTIVE BEHAVIOR AND COMMUNICATION SKILLS
Hoorieh Darvishi Mohammad Rezaei	Hamadan University of Medical Sciences (Iran)	THE RELATIONSHIP BETWEEN REPETITIVE BEHAVIORS AND COMMUNICATION SKILLS IN AUTISTIC CHILDREN

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## HEAD OF SESSION: Tasawar Iqbal

AUTHORS	AFFILIATION	TOPIC TITLE
Ahmed Osmane Khadija Zidan Moustapha Belmouden	University Cadi Ayyad (Morocco) Agadir University Ibn Zohr (Morocco)	NUTRITIONAL ADAPTATION TO THE ARID CLIMATE OF NORTH AFRICA AND HEALTH BENEFITS OF MILLET IRRIGATED WITH TREATED DOMESTIC WASTEWATER USING TRICKLING FILTER TECHNOLOGY
Tasawar Iqbal	University of Agriculture (Pakistan)	SAFED MUSLI (CHLOROPHYTUM BORIVILIANUM) AS A NATURAL APHRODISIAC: EVIDENCE FOR TESTOSTERONE MODULATION IN MEN
Kosar Adibankhah	Payam Noor University of South Tehran (Iran)	PHYSICAL BEHAVIOR AND NUTRITION: THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY AND DIET
Noémi Mózes Andrea Lehoczki Mónika Fekete Zoltán Ungvári	Semmelweis University (Hungary)	THE ROLE OF THE MEDITERRANEAN DIET IN REDUCING THE RISK OF COGNITIVE IMPAIRMENT, DEMENTIA, AND ALZHEIMER'S DISEASE: A META-ANALYSIS AND ITS BROADER PROTECTIVE EFFECTS
Renu Yadav Aasiya Parwez	Sharda University (India)	CHILD DEVELOPMENT AND THE EFFECTS OF EARLY NUTRITION
Daniela Taneva Angelina Kirkova-Bogdanova Vasilka Gyurova-Kancheva	Medical University (Bulgaria)	OBESITY – A GLOBAL HEALTH PROBLEM
Fathalah ELWAHAB Prof.Dr. Najiba BRHADDA Prof. Dr. Rabea ZIRI Dr. Mohamed SEDKI	University Ibn Tofail (Morocco) Regional Center of Agricultural Research(Morocco)	RICE AND HUMAN HEALTH: A GLOBAL PERSPECTIVE ON NUTRITION, DISEASE PREVENTION, AND SUSTAINABLE AGRICULTURE

# ONLINE SESSION / 16.04.2025



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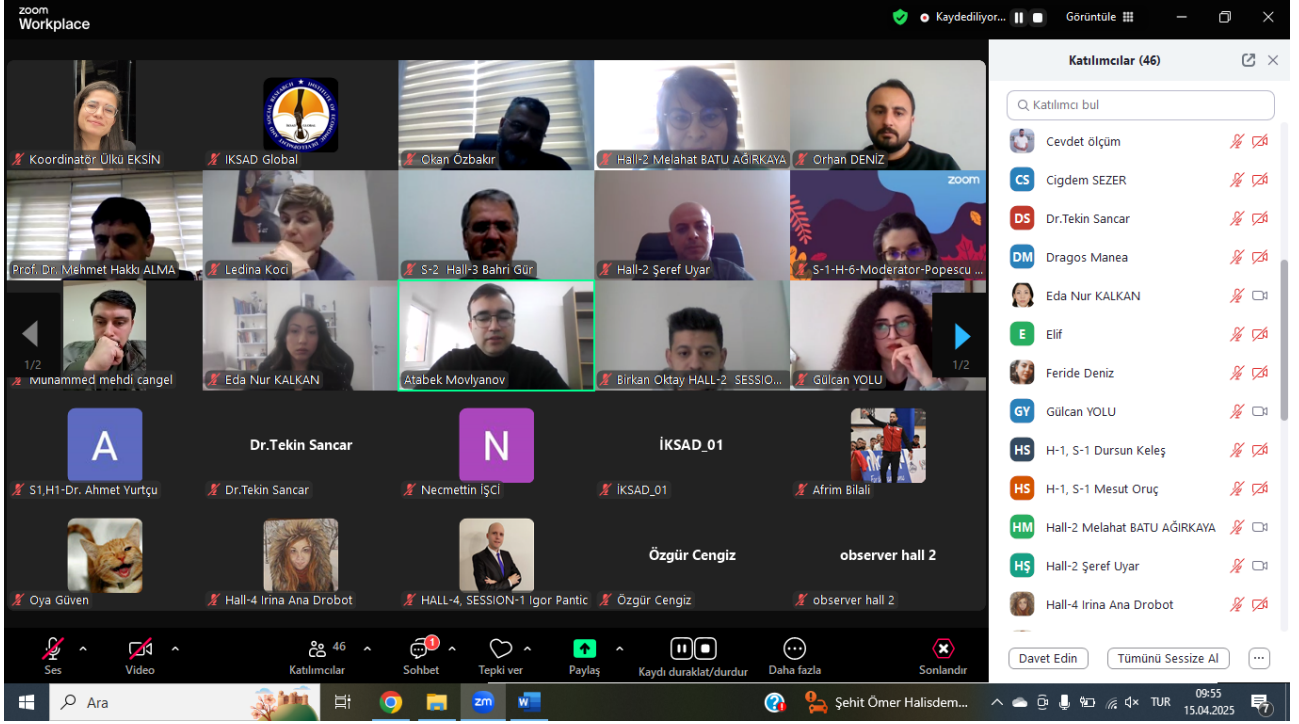
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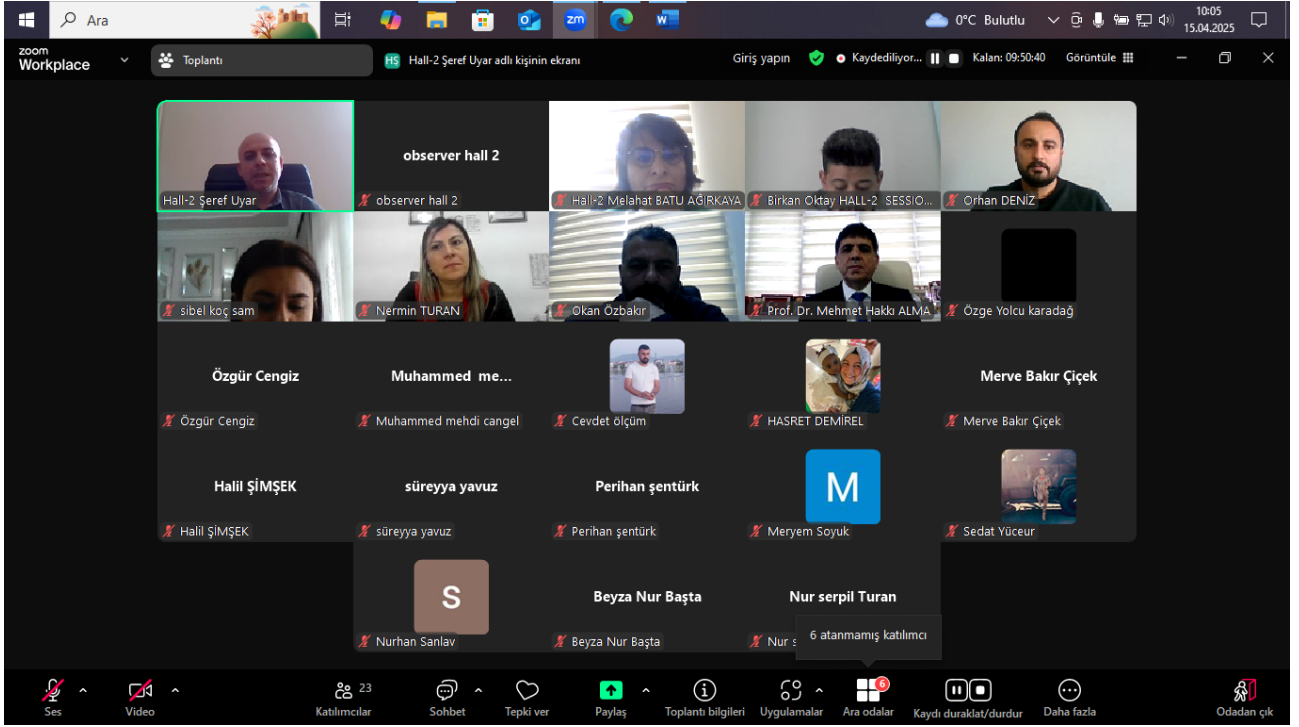
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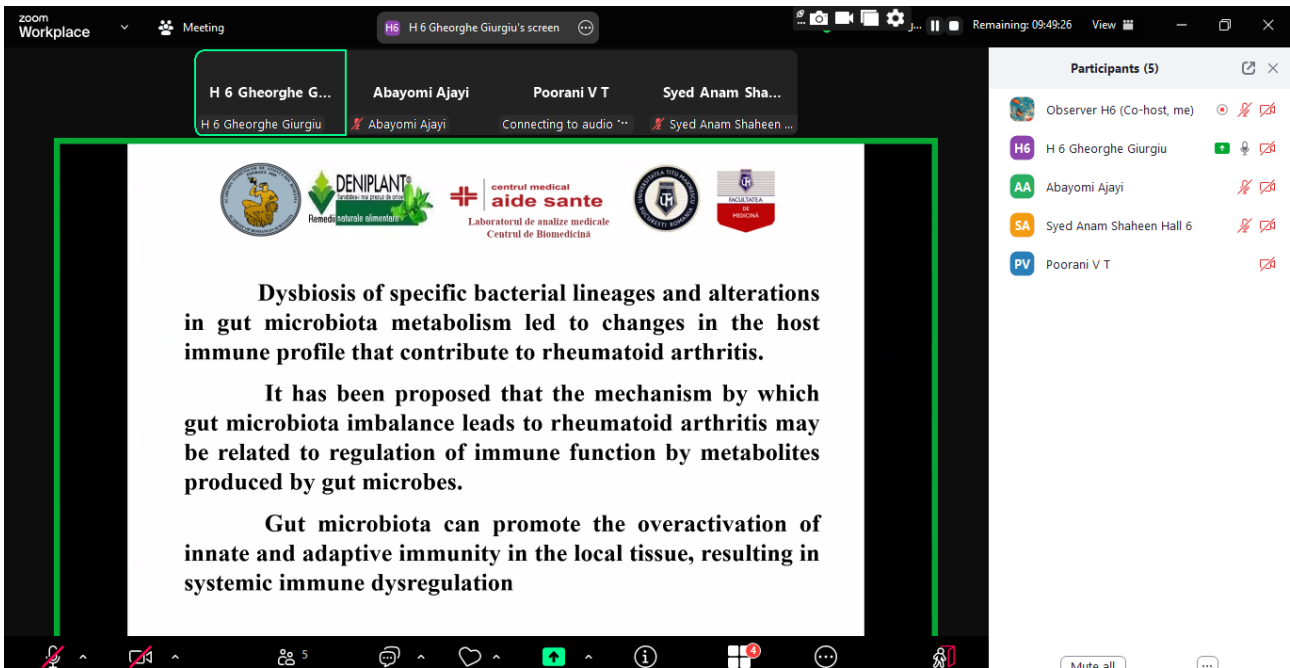
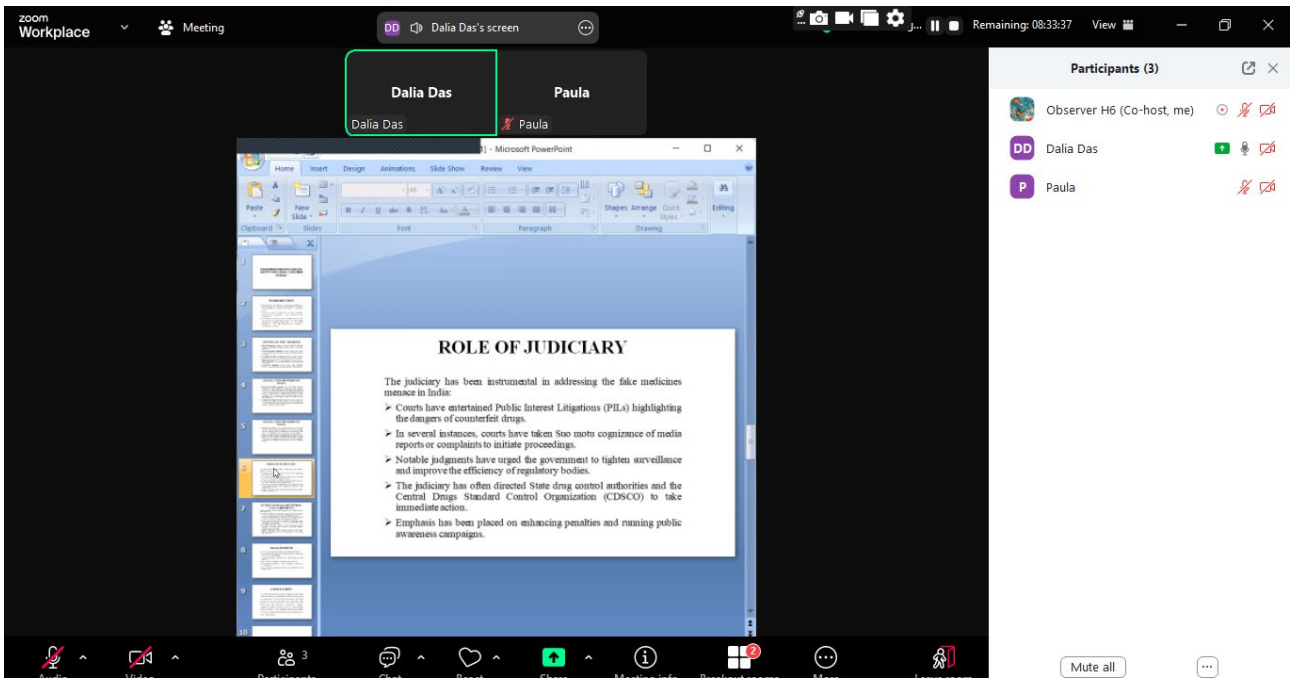
## HEAD OF SESSION: Assoc. Prof. Svitlana Oliinyk

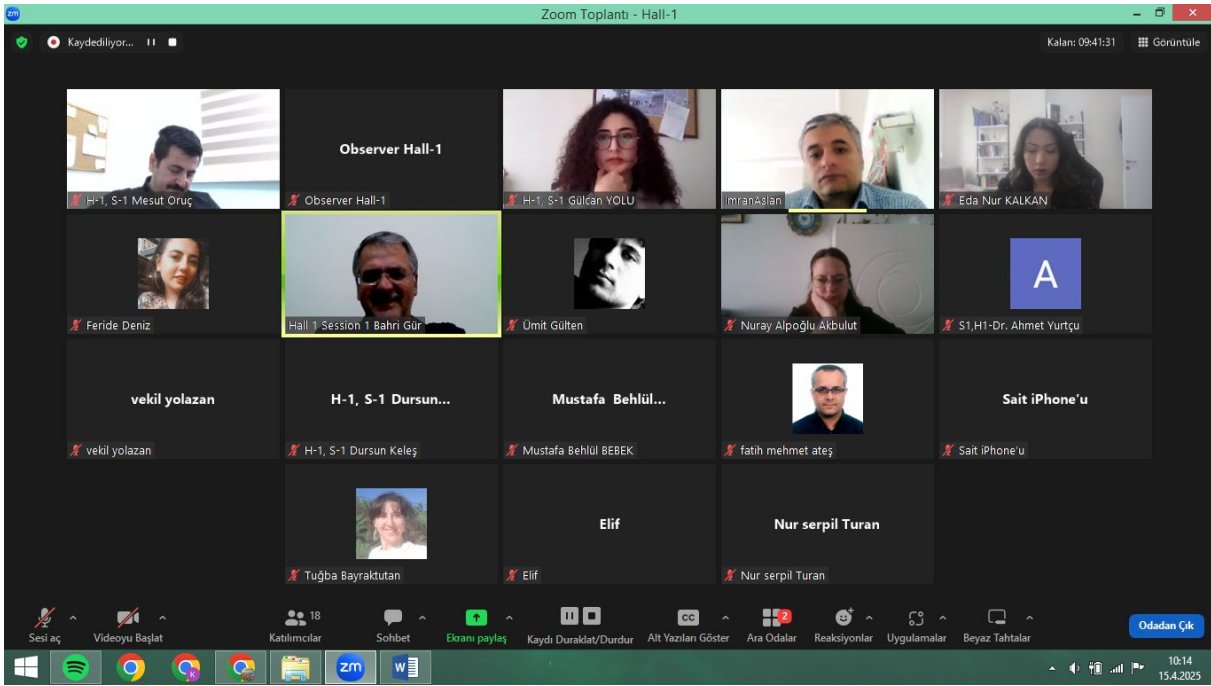
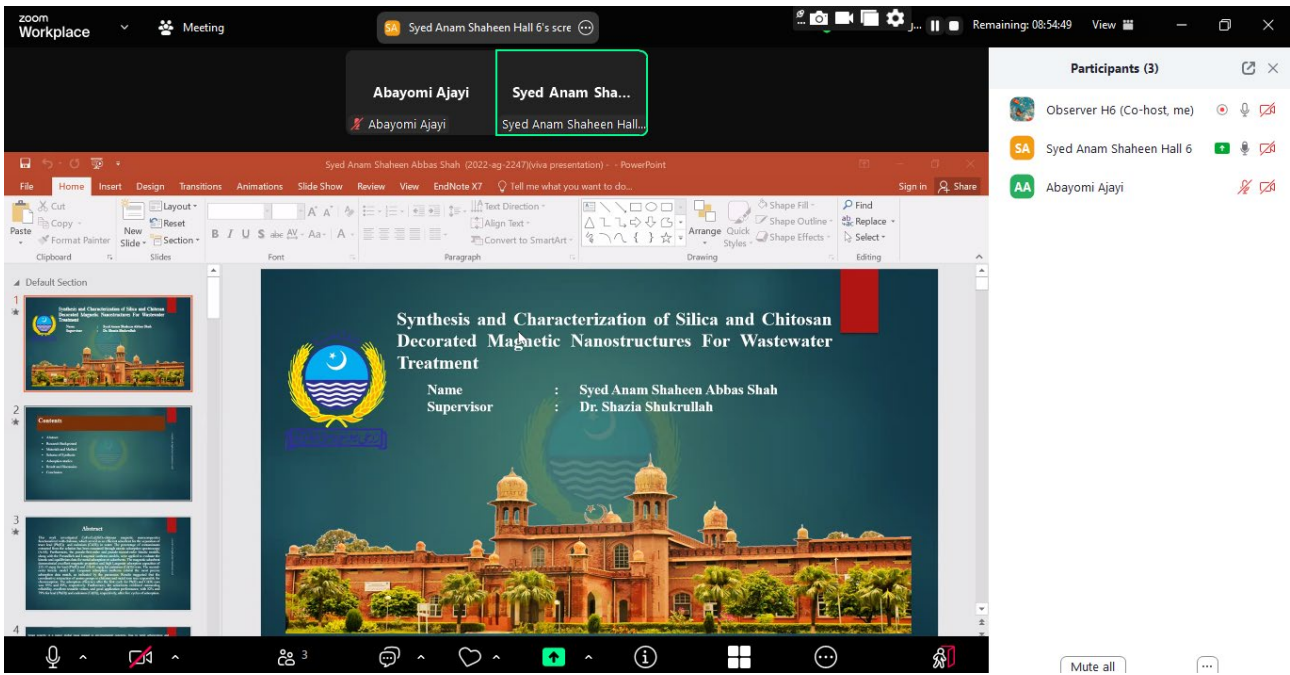
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Ikram Saliha BENYAHIA Wefa BOUGHRARA Amina LAKMECHE Fatma BELHOUCINE Amel ALIOUA BERREBBAH	University of science and technology of Oran Mohamed Boudiaf (Algeria)	INVESTIGATING TAXANE- INDUCED TOXICITY IN LUNG CANCER: RISK FACTORS AND INFLUENCES
Assoc. Prof. Svitlana Oliinyk Assoc. Prof. Volodymyr Kovalyov	National University of Pharmacy (Ukraine)	IMMERSIVE LEARNING TECHNOLOGIES IN THE FIELD OF PHARMACEUTICALS
Dr. V. S. Angulakshmi Dr. N. Anusuya Dr. S. Kalaiselvan	PSGR Krishnammal College for Women Coimbatore (India)	NANOSTRUCTURED ENZYME- CNT BIOSENSORS: EMERGING OPPORTUNITIES AND CHALLENGES
Imene Boulhaia Manuel Bañobre-López Nadji Moulai-Mostefa	Life Sciences University of Blida (Algeria) International Iberian Nanotechnology Laboratory (Portugal) University of Medea (Algeria)	FORMULATION AND CHARACTERIZATION OF FERROGELS BASED ON AGAR GUM AND OCTENYL SUCCINIC ANHYDRIDE (OSA) STARCH
Vjollca Berisha Sevdije Govori	University of Pristina (Republic of Kosovo)	CONVENTIONAL AND MICROWAVE ASSISTED SYNTHESIS, CHARACTERIZATION AND ANTICANCER ACTIVITY OF TRANSITION METAL (II) COMPLEXES WITH PYRIMIDINE BASED LIGANDS DERIVATIVES CONTAINING THIADIAZOLE MOIETIES
Vlad Diaconescu Bogdan-Catalin Serban Marius Bumbac	University of Medicine and Pharmacy (Romania) 2.National Institute for Research and Development in Microtechnologies (Romania) Valahia University of Targoviste (Romania)	SUPRAMOLECULAR CHEMISTRY IN DRUG DELIVERY: HOST- GUEST SYSTEMS FOR CONTROLLED RELEASE
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Hoorieh Darvishi Mohammad Rezaei	Hamadan Univrsity of Medical Sciences (Iran)	THE EFFECT OF THE BASE COMPUTER METHOD ON REPETITIVE BEHAVIORS AND COMMUNICATION SKILLS
Saloni Sharma Suhani Sharma	Deemed to be University (India)	INTEGRATING AYURVEDA AND PHYTOPHARMACEUTICALS INTO MODERN PHARMACY

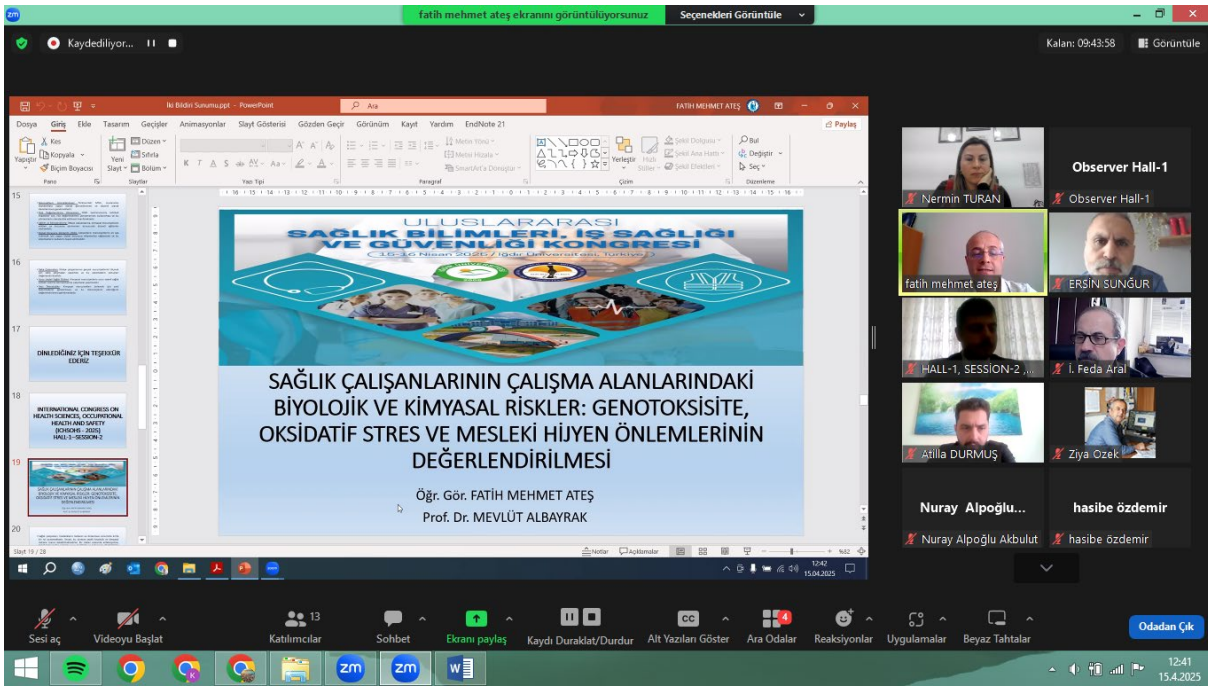
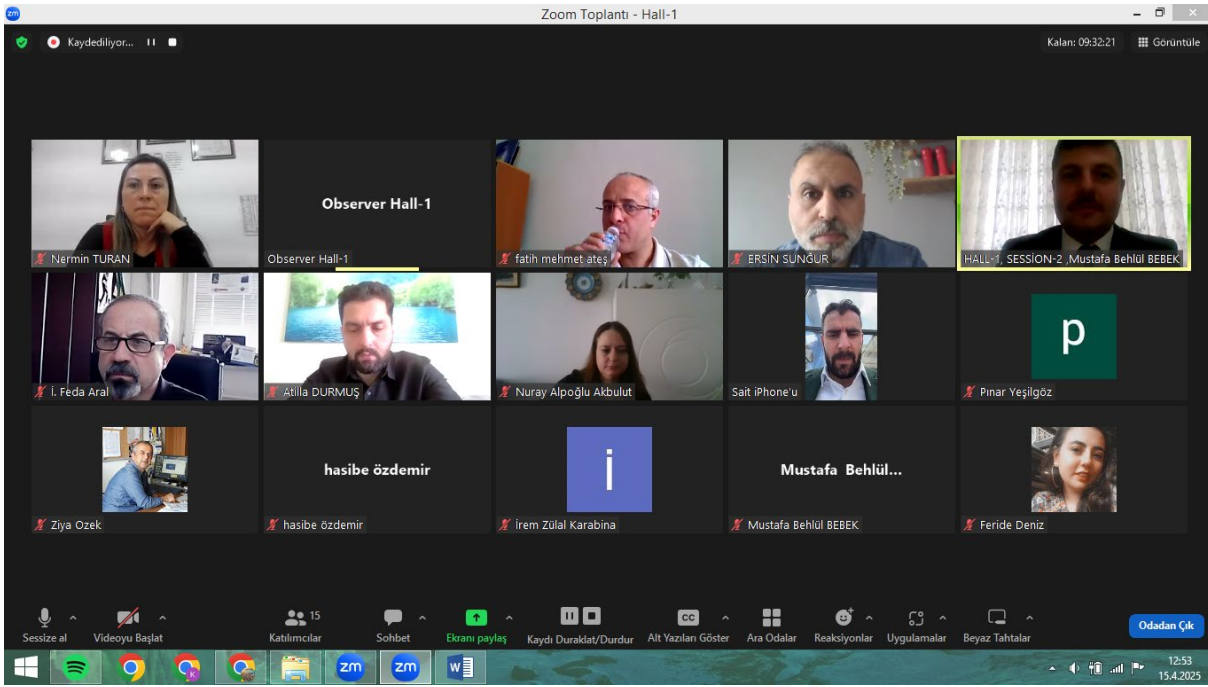
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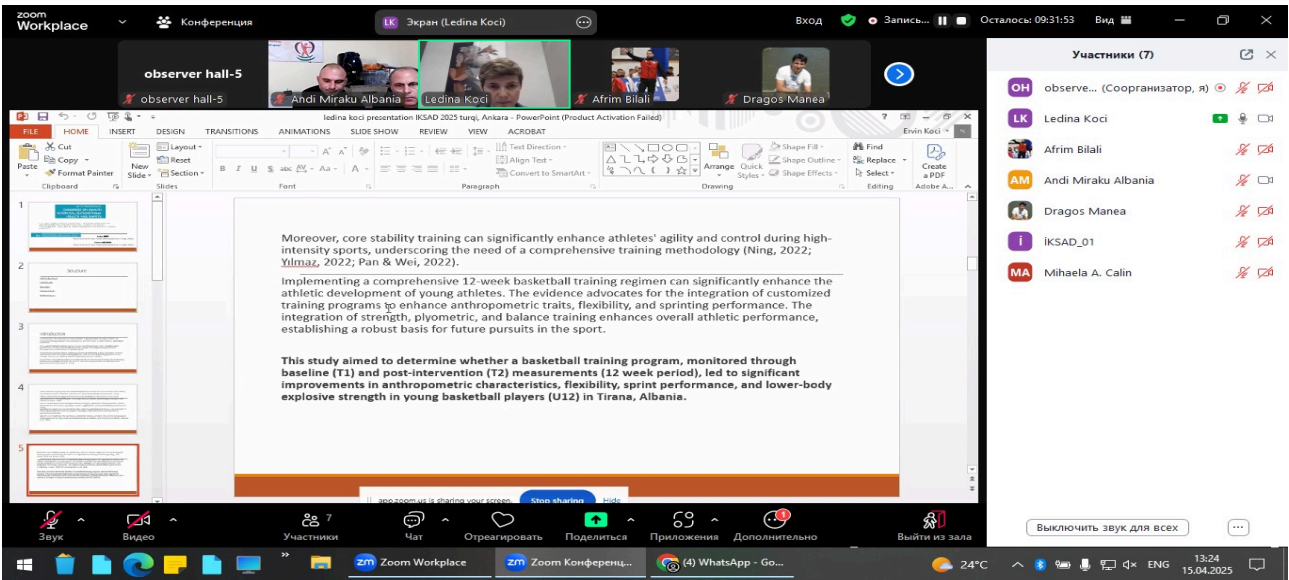
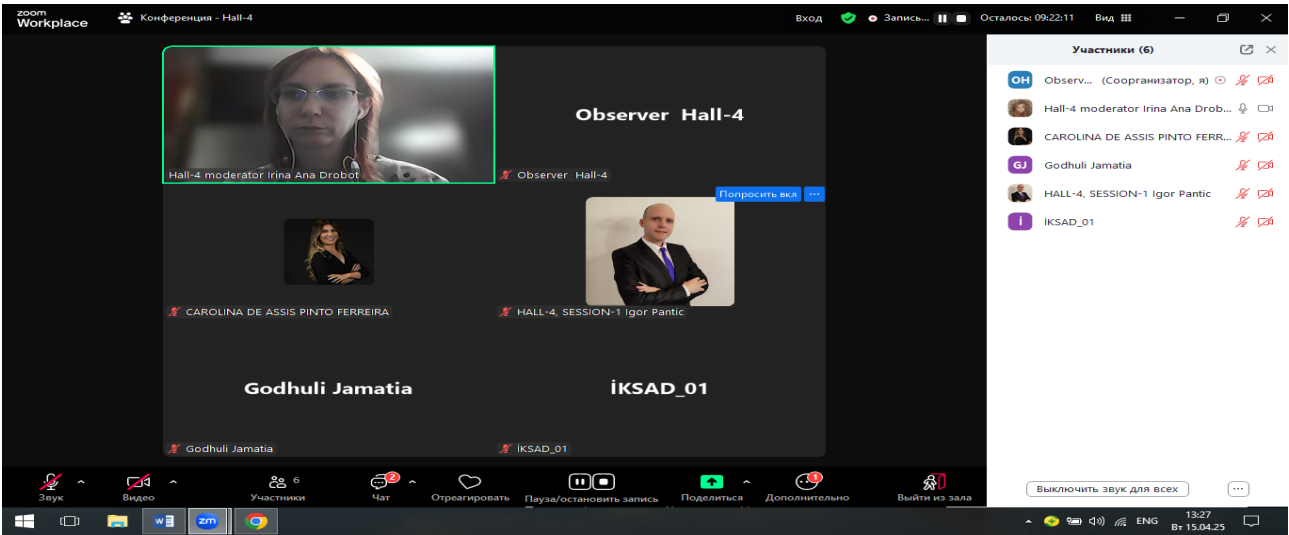


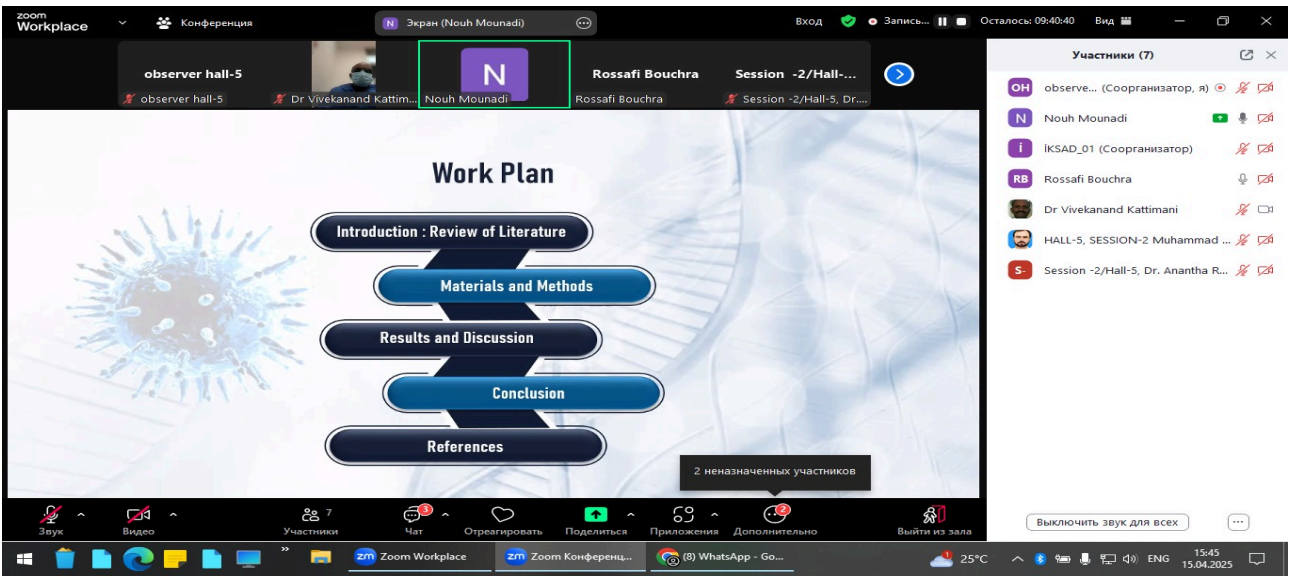
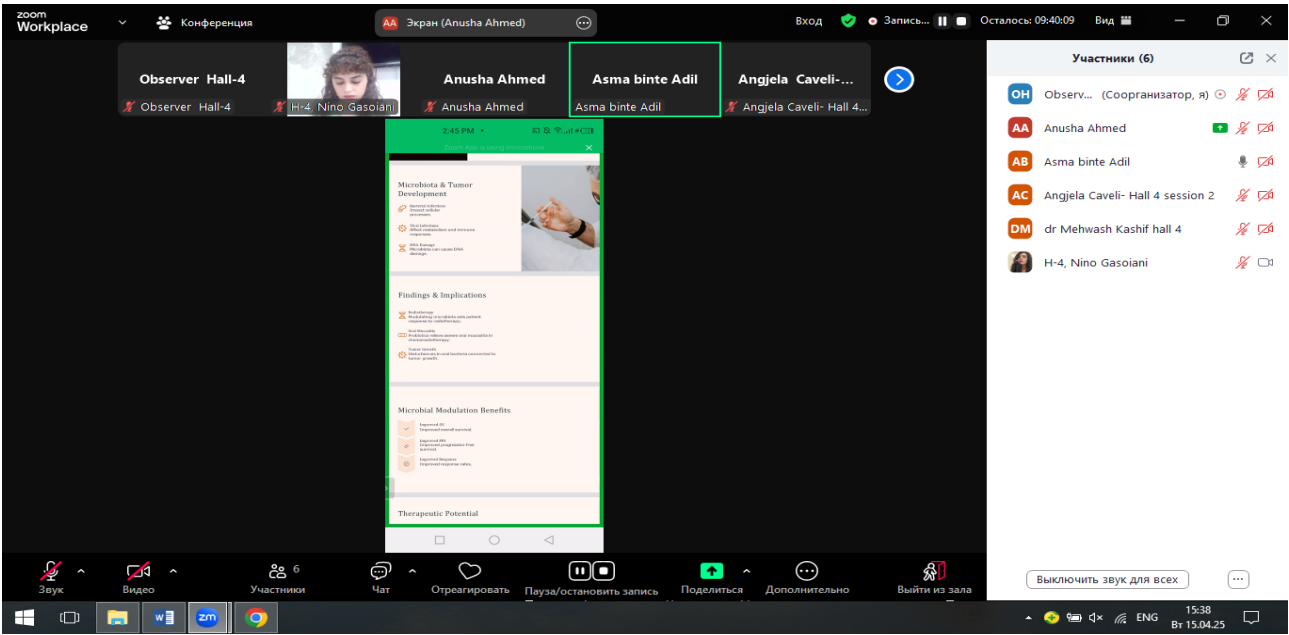


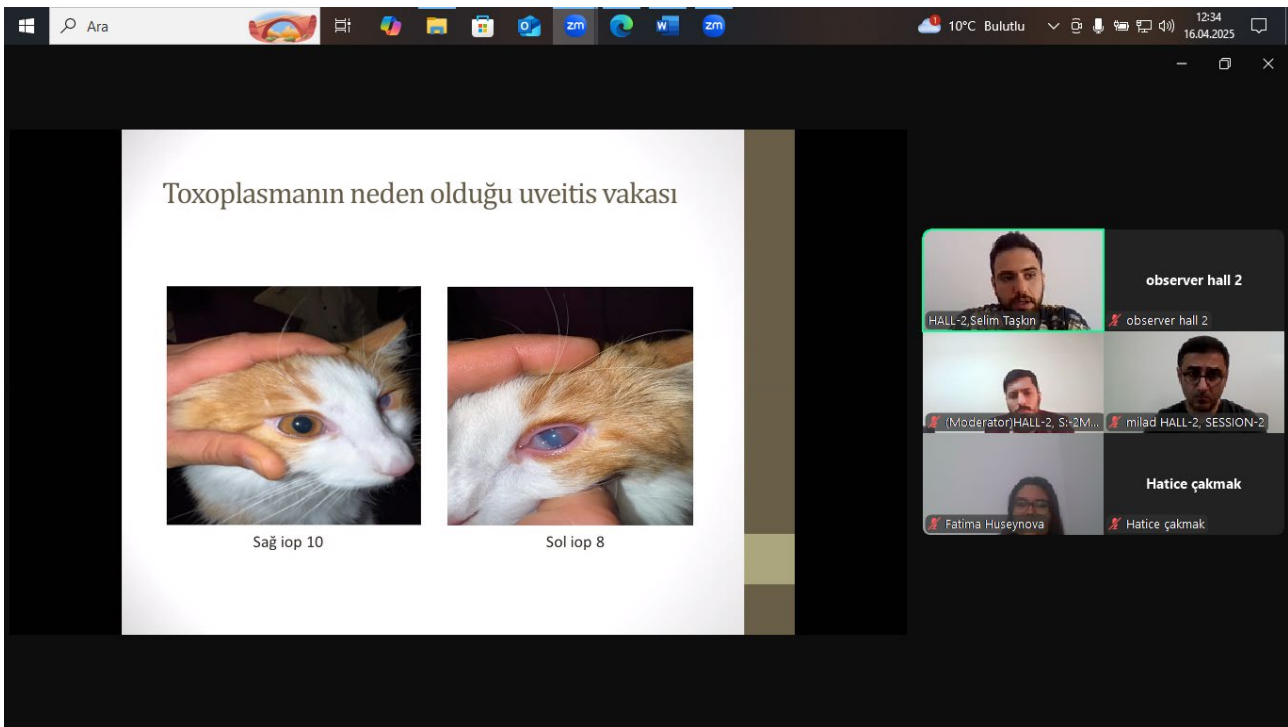
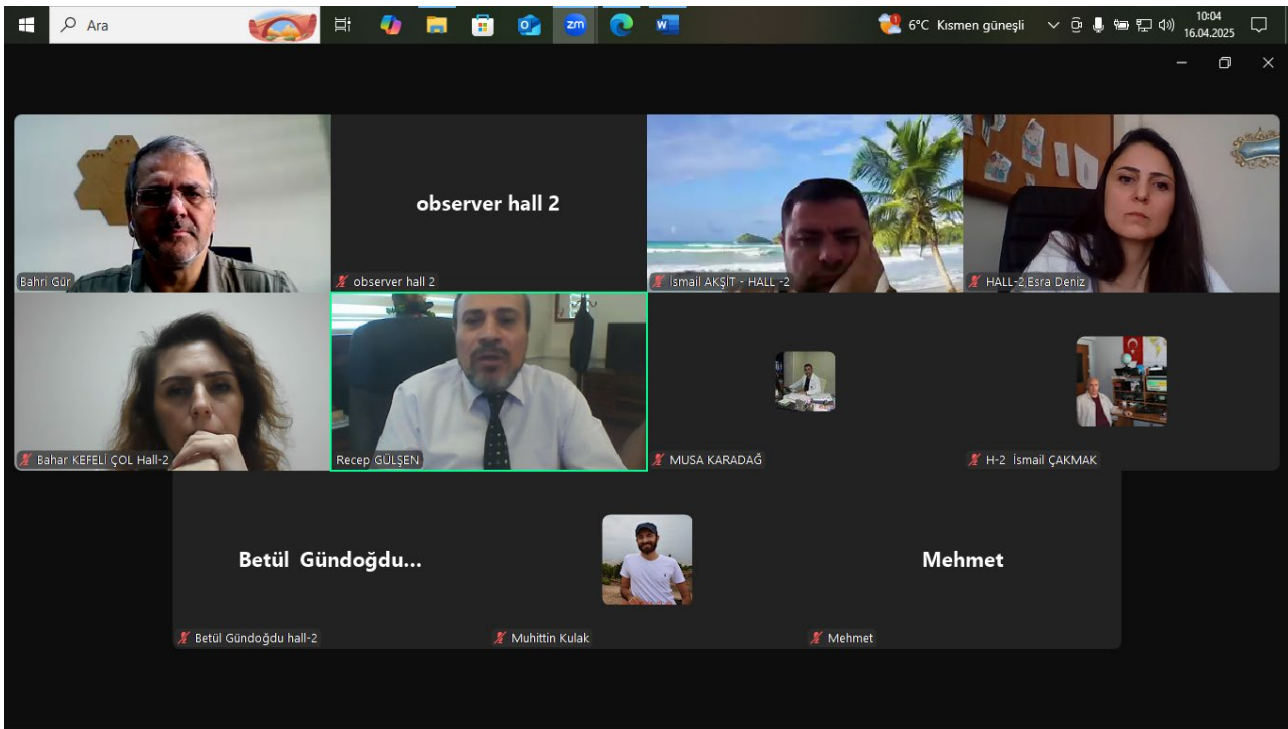














zoom Workplace Meeting HALL-6 Jonas Pipiras's screen 00:06:52 View

HALL-6 Jonas Pipiras donnathy Hall6/Session1 Andre...

Participants (4)

- Observer H6 (Co-host, me)
- HJ HALL-6 Jonas Pipiras
- D donnathy
- HA Hall6/Session1 Andrea Lehoczki

### Case description

Laboratory tests			
RBC (3,9 – 5,03 x10 <sup>12</sup> /l)	4,37	HBH ( 120-155 g/l)	139
MCH (28-34 pg)	31,7	PLT (179 – 408 x10 <sup>9</sup> /l)	206
MCV (81,6 – 98,3 fl)	92,9	Creatinine (45-84 μmol/l)	57
WBC (3,08 – 11,8 x 10 <sup>9</sup> /l)	4,3	CRP ( 0-5 mg/l)	6,6
NE# (1,9– 8,2 x10 <sup>9</sup> /l)	2,8	Potassium ( 3,5 – 5,1 mmol/l)	4,06

Mute all

zoom Workplace Meeting BOULHAIA Imene's screen 00:12:06 View

BOULHAIA Imene Hall-6, Vlad Diaconescu...

Participants (3)

- Observer H6 (Co-host, me)
- BI BOULHAIA Imene
- HV Hall-6, Vlad Diaconescu

**Figure 2.** TEM micrographs of ferrogels at multiple magnifications.

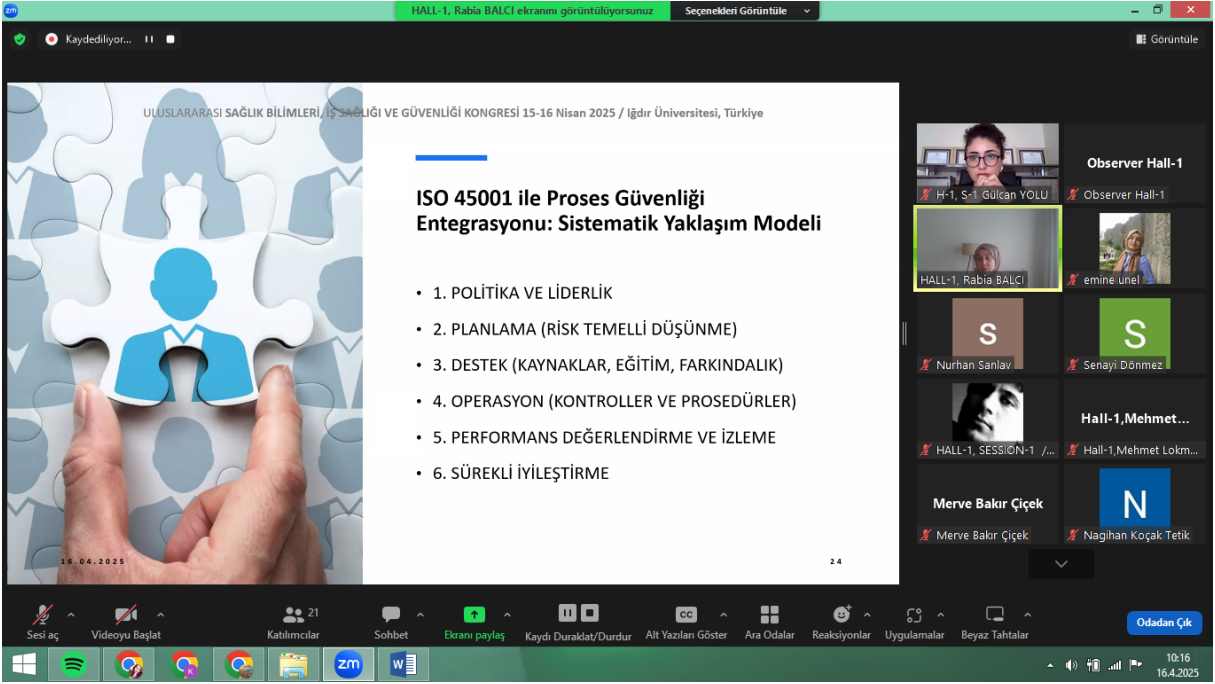
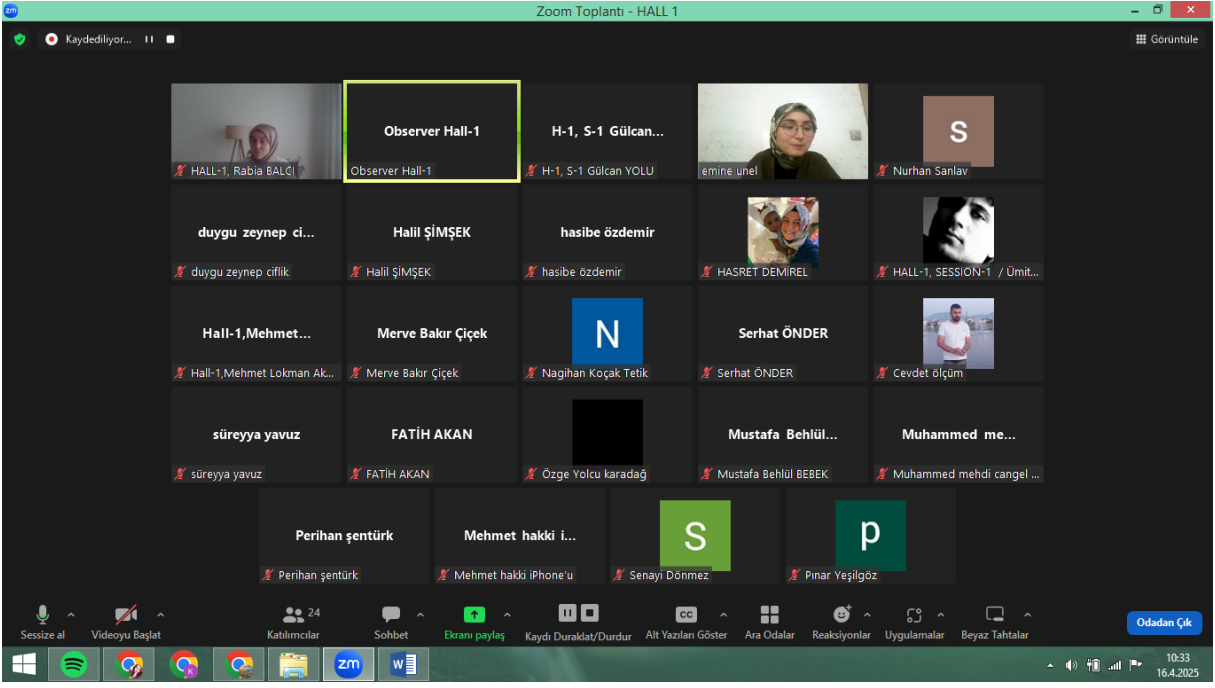
Figure 2a shows the presence of aggregates (clustering) of MNPs in Agarose pores, which was previously reported for polymer-coated MNPs.

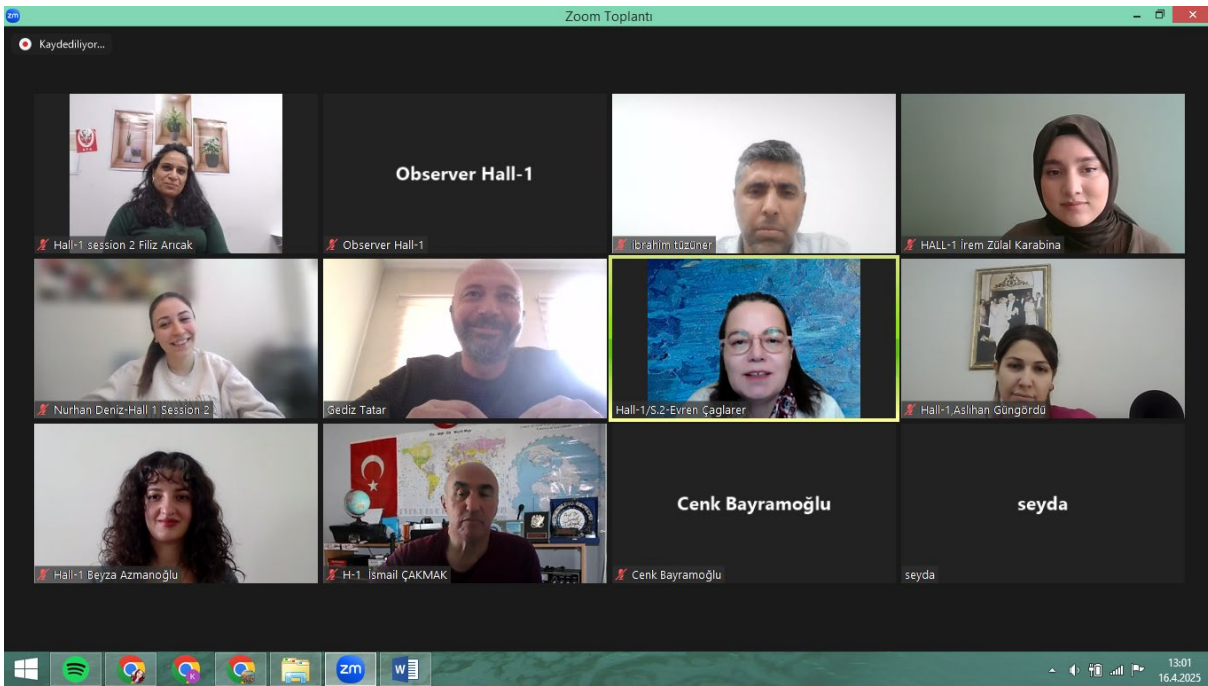
Low magnification TEM images (Figure 2b) indicates that the samples consist of faceted MNPs. They also reveal structural homogeneity of MNPs. We also note the existence of three populations of different diameters:

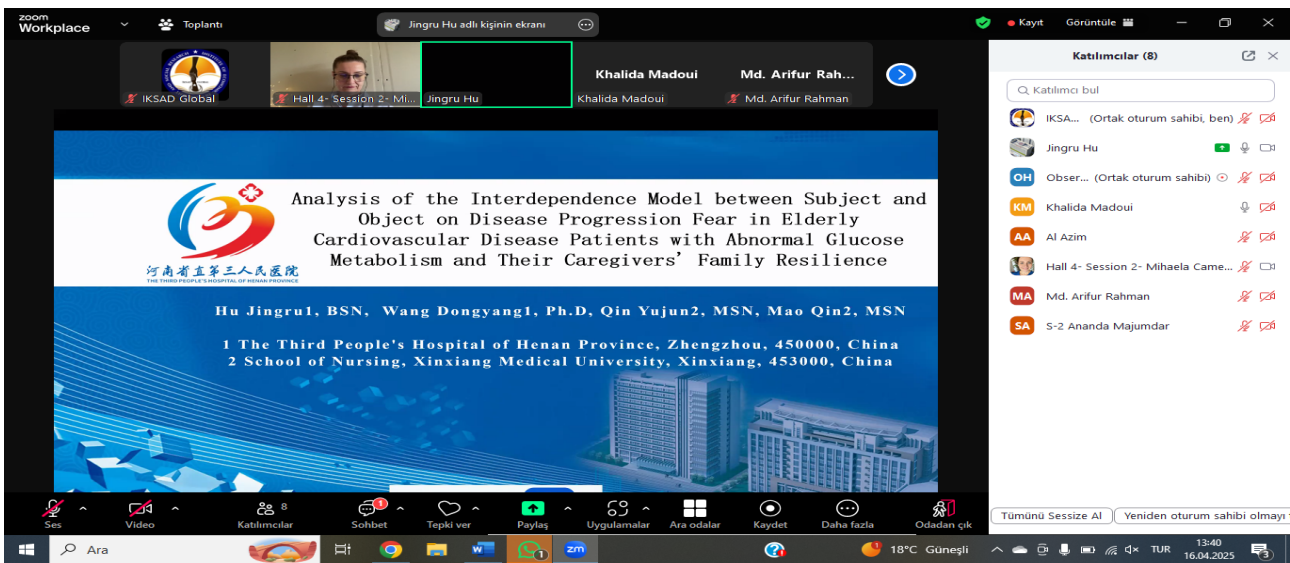
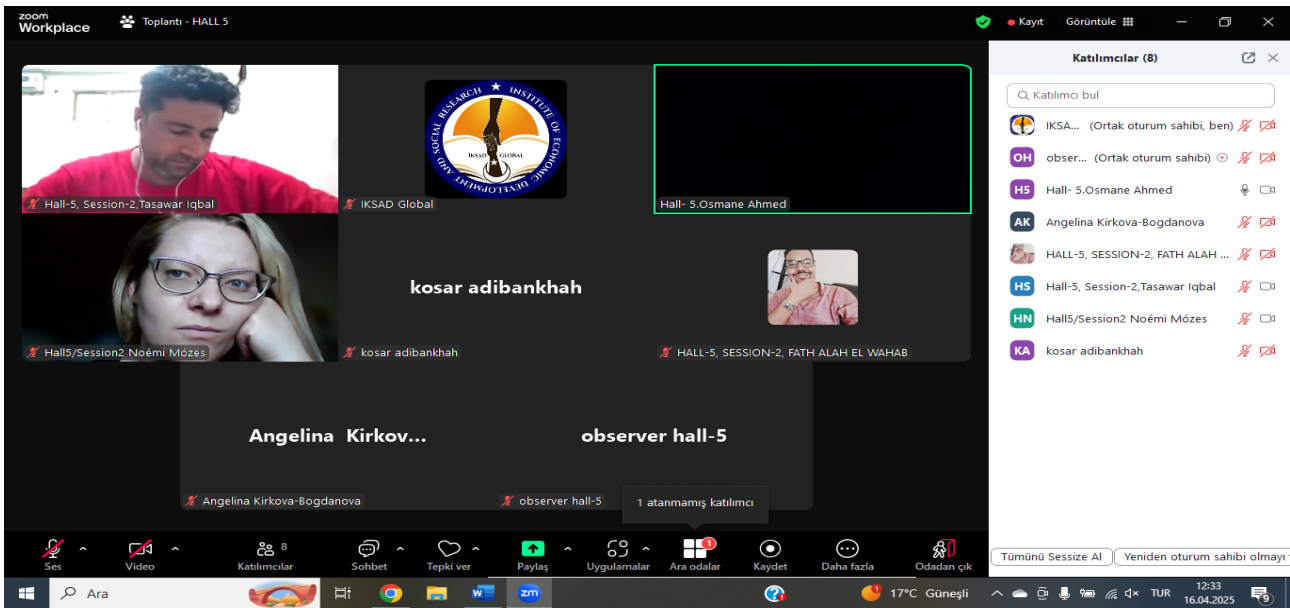
- primary particles with average diameters of 3 nm up to 4 nm,
- secondary particles with average diameters of 6 nm up to 9 nm,

this clusterings apparently self-limiting in the gels, as it does not exceed small clusters and therefore does not produce

Mute all







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April 15-16, 2025 / Iğdır University, Türkiye

**SAĞLIK KURUMLARINDA BEKLENMEDİK OLAYLARIN ÖNLENMESİNDE  
HEMŞİRELİK VE KÖK NEDEN ANALİZİ**

NURSING AND ROOT CAUSE ANALYSIS IN PREVENTING ADVERSE EVENTS IN  
HEALTHCARE INSTITUTIONS

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**ÖZET**

**Giriş ve Amaç:** Uygulanan çeşitli önleyici tedbirlere rağmen, sağlık kurumlarında hâlâ birçok beklenmedik olay yaşanmaktadır ve hemşireler bu olaylarda genellikle önemli bir rol oynamaktadır. Bu tür olayları önlemek amacıyla kullanılan tekniklerden biri, Kök Neden Analizidir. Bu analiz, sorunların kökenlerini tespit etmeyi ve bu sorunların tekrarını engellemeyi amaçlar. Bu literatür incelemesinin amacı, hemşirelikte Kök Neden Analizi uygulamalarına dair literatürdeki bulguları araştırıp tartışmaktır. **Gereç ve Yöntem:** Bu derleme, son 10 yıl içinde İngilizcede yayımlanan özgün araştırma makaleleri incelemiş olup, arama 2025 yılının Şubat ayının son haftasında yapılmıştır. Üç veri tabanı kullanılmıştır: *PubMed*, *Scopus* ve *Web of Science Core Collection*. Arama, başlığında *nurs\** (hemş\*) ve “*root cause analysis*” (kök neden analizi) terimleri içeren makalelere odaklanmıştır. Bu derleme, “Kök Neden Analizi’nin hemşirelik bağlamında nasıl ele alındığına dair literatürdeki perspektifler nelerdir?” sorusu doğrultusunda gerçekleştirilmiştir. On altı makale bulunmuş ve bunlardan beşi derlemeye dahil edilmiştir. **Bulgular:** Beş makale 2021-2025 yılları arasında yayımlanmış olup, bunlar arasında iki nitel araştırma, bir kesitsel çalışma, bir eğitimsel müdahale çalışması ve bir deneysel çalışma bulunmaktadır. Çalışmalara hemşireler ve hemşirelik öğrencileri dahil edilmiş olup, katılımcı sayısı 14 ile 171 arasında değişmektedir. İki makale ABD’de, bir makale Çin’de, bir makale Japonya’da ve bir makale İspanya’da gerçekleştirilmiştir. Yapılan sentez, Kök Neden Analizi’nin hemşirelik eğitime entegrasyonunun önemli olduğunu ve bu uygulamanın hasta güvenliğine yönelik tutumlarını geliştirmeye yardımcı olabileceğini göstermektedir. Ayrıca, hemşirelerin Kök Neden Analizi süreçlerindeki kritik rolü de vurgulanmaktadır. **Tartışma ve Sonuç:** Hemşirelik öğrencilerine hasta güvenliği konusunda beceri kazandırmak için yenilikçi eğitim tekniklerinin uygulanması gereklidir. Risk yönetimi, beklenmedik olayların önlenmesinde kritik bir rol oynamakta olup, hemşireler bu sürecin merkezinde yer almaktadır. Etkili iletişim, güçlü interpersonal ilişkiler ve sürekli eğitim programları, beklenmedik olayları önlemede ve sağlık hizmetlerinde hasta güvenliğini sağlamada temel unsurlar olarak öne çıkmaktadır.

**Anahtar Kelimeler:** Tıbbi Hatalar; Hemşirelik; Kök Neden Analizi; Toplam Kalite Yönetimi

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**ABSTRACT**

**Introduction and Purpose:** Despite various preventive measures implemented, many adverse events still occur in healthcare institutions, with nursing often playing a prominent role in these incidents. One technique adopted to prevent such events is Root Cause Analysis, which aims to identify the origins of problems to prevent their recurrence. This literature review aimed to explore and discuss aspects of applying Root Cause Analysis in nursing.

**Materials and Methods:** This review searched for original research articles published in English over the last 10 years, with the search conducted in the last week of February 2025. Three databases were used: PubMed, Scopus, and Web of Science Core Collection, focusing on articles whose titles contained the descriptors nurs\* AND “root cause analysis”. It was guided by the question: “What is the perspective of the literature on Root Cause Analysis involving nursing?”. Sixteen articles were found, of which five were included. **Results:** Five articles were published between 2021 and 2025, including two qualitative studies, one cross-sectional study, one educational intervention study, and one experimental study. The studies involved nurses and nursing students, with participation ranging from 14 to 171 individuals. Two articles were conducted in the United States, one in China, one in Japan, and one in Spain. The synthesis highlights the importance of integrating Root Cause Analysis into nursing education, promoting attitudes aimed at patient safety. Furthermore, it emphasizes the role of nurses in the root cause analysis process. **Discussion and Conclusion:** Innovative techniques should be applied in education to equip students with skills in patient safety. Risk management is crucial to prevent adverse events, with nurses playing a key role. Effective communication, good interpersonal relationships, and continuous education programs are essential to avoid such events and ensure safety in healthcare delivery.

**Key Words:** Medical Errors; Nursing; Root Cause Analysis; Total Quality Management

T.C  
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