



EJONS

15th INTERNATIONAL CONFERENCE ON MATHEMATIC, ENGINEERING AND NATURAL SCIENCES

March 16-18, 2023

Buenos Aires, Argentina

CONFERENCE PROGRAM

Online (with Video Conference) Presentation

Participating Countries:

Turkiye, Pakistan, Algeria, Romania, Iran, Serbia, Nigeria, Morocco, India, Azerbaijan



zoom

Meeting ID: 839 9319 6566

Passcode: 491844

ÖNEMLİ, DİKKATLE OKUYUNUZ LÜTFEN / IMPORTANT, PLEASE READ CAREFULLY

Önemli, Dikkatle Okuyunuz Lütfen

- ✓ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildirimler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
- ✓ Online sunum yapabilmek için <https://zoom.us/join> sitesi üzerinden giriş yaparak "Meeting ID or Personal Link Name" yerine ID numarasını girerek oturuma katılabilirsiniz.
- ✓ Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
- ✓ Zoom uygulaması kaydolmadan kullanılabilir.
- ✓ Uygulama tablet, telefon ve PC'lerde çalışıyor.
- ✓ Her oturumdaki sunucular, sunum saatinden 15 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- ✓ Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- ✓ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler- TEKNİK BİLGİLER

- ✓ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- ✓ Zoom'da ekran paylaşma özelliğine kullanabilmelisiniz.
- ✓ Kabul edilen bildiri sahiplerinin mail adreslerine Zoom uygulamasında oluşturduğumuz oturuma ait ID numarası gönderilecektir.
- ✓ Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir
- ✓ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

IMPORTANT, PLEASE READ CAREFULLY

- ✓ To be able to attend a meeting online, login via <https://zoom.us/join> site, enter ID "Meeting ID or Personal Link Name" and solidify the session.
- ✓ The Zoom application is free and no need to create an account.
- ✓ The Zoom application can be used without registration.
- ✓ The application works on tablets, phones and PCs.
- ✓ The participant must be connected to the session 15 minutes before the presentation time.
- ✓ All congress participants can connect live and listen to all sessions.
- ✓ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

Points to Take into Consideration - TECHNICAL INFORMATION

- ✓ Make sure your computer has a microphone and is working.
- ✓ You should be able to use screen sharing feature in Zoom.
- ✓ Attendance certificates will be sent to you as pdf at the end of the congress.
- ✓ Requests such as change of place and time will not be taken into consideration in the congress program.

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Date / 16.03.2023

Buenos Aires Local Time / 11:00-13:30

Ankara Local Time / 17:00-19:30

Head of Session: Prof. Dr. Huma Ali & Dr. Anum Tariq

Hall-1 / Session-1

Zoom Meeting ID: 839 9319 6566

Zoom Password: 491844

| AUTHORS | PRESENTATION TITLE | AFFILIATION |
|---|--|---|
| Prof. Dr. Huma Ali Dr. Saba Ajaz Baloch Dr. Yousra Shafiq | Faculty Development Initiatives: Need Mentorship and Strategies to Improve Effective Communication | <i>Institute of Pharmaceutical Sciences Jinnah Sindh Medical University Karachi Pakistan.</i> |
| Dr. Anum Tariq Prof. Dr. Huma Ali | Capacity Building Strategies Towards Better Understanding and Quality Education: Faculty and Students Engagement | <i>Institute of Pharmaceutical Sciences Jinnah Sindh Medical University Karachi Pakistan.</i> |
| Faryal Gohar Humaira Muzaffar Usman Haider Wania Nasir Nabeel Ahmad Wafa Majeed Najeeb Ullah Khan Muhammad Naem Faisal | Effect of Ocimum Tenuiflorum and Lepidium Meyenii Herbal Extract in the Management of Polycystic Ovarian Syndrome in Rat Model | <i>Department of Physiology, Government College University, Faisalabad, Pakistan. Institute of Physiology and Pharmacology, University of Agriculture Faisalabad, Pakistan.</i> |
| Chennai Yasmine Ouassaf Mebarka | Contribution to drug discovery through computational analysis of several series of heterocyclic molecules | <i>Group of Computational and Pharmaceutical Chemistry, LMCE Laboratory, University of Biskra, Algeria.</i> |
| Chennai Yasmine Ouassaf Mebarka | Qualitative Structure-Activity Relationships and 2D-QSAR Modeling of CK2 inhibitors | <i>Group of Computational and Pharmaceutical Chemistry, LMCE Laboratory, University of Biskra, Algeria.</i> |
| Chennai Yasmine Belaidi Salah | Antibacterial and anti-oxidant activities of extracts from medicinal | <i>University of Biskra, Chimie Prmaceutique, Biskra, Algeria.</i> |
| Chennai Yasmine Belaidi Salah | QSAR modeling using Gaussian process applied for a series of flavonoids as potential antioxidants | <i>Group of Computational and Pharmaceutical Chemistry, LMCE Laboratory, University of Biskra, Algeria.</i> |
| Chennai Yasmine Belaidi Salah | Simulation and 2D QSAR studies of several series of heterocyclic molecules | <i>Group of Computational and Pharmaceutical Chemistry, LMCE Laboratory, University of Biskra, Algeria.</i> |
| Cansu AYDIN Assist. Prof. Dr. Selin ÖZKAN KOTİLOĞLU Prof. Dr. Serap YALÇIN AZARKAN | Investigation of the Cytotoxic Effect of Deltamethrin and Acetamiprid in thle 2 Cell Line | <i>Kırşehir Ahi Evran University, Türkiye.</i> |



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Head of Session: **Dr. Ivan Pavlovic**

Hall-2 / Session-1
Zoom Meeting ID: 839 9319 6566
Zoom Password: 491844

| AUTHORS | PRESENTATION TITLE | AFFILIATION |
|--|--|---|
| Major Gheorghe GIURGIU Prof. Dr. Manole COJOCARU | The Therapeutic Effects of Deniplant Nutraceuticals on the Gut Microbiome in Patients with Psoriasis | <i>Deniplant-Aide Sante Medical Center, Biomedicine, Bucharest, Romania. Academy of Romanian Scientists Titu Maiorescu University, Faculty of Medicine, Bucharest, Romania.</i> |
| Arkan Aghayari | An Overview of Different Treatment Protocols for Acne and its Response to Treatment | <i>Urmia University of Medical Sciences, Faculty of medicine, Urmia, Iran.</i> |
| HUSAM ALDAIN MHMOOD SABRY SABRY Durmuş Burak DEMİRKAYA Serap Yalçın AZARKAN | Investigation of the Cytotoxic Effect of Atorvastatin on Breast Cancer | <i>Kırşehir Ahi Evran University, Türkiye.</i> |
| Durmuş Burak DEMİRKAYA Serap Yalçın AZARKAN | MDA-MB-231 Investigation of the Citotoxic Effect of Tamoxifen and Clorambucil on the Cell Line | <i>Kırşehir Ahi Evran University, Türkiye.</i> |
| Ivan Pavlovic Violeta Caro Patrovic Nemanja Zdravkovic Aleksandra Tasic Jovan Bojkovski Marija Pavlovic | Gastrointestinal Helminths of Small Ruminants in Hhilly and Mountainous Part of Serbia | <i>Scientific Institute of Veterinary Medicine of Serbia, Belgrade, Serbia. Institute for Animal Husbandry, Belgrade, Serbia. Faculty of Veterinary Medicine, Belgrade, Serbia.</i> |
| Assoc. Prof. Dr. Meral EKİM Prof. Dr. Hasan EKİM | The Importance of Healthy Nutrition in Earthquake Victims | <i>Yozgat Bozok University, Türkiye.</i> |
| Assoc. Prof. Dr. Meral EKİM Prof. Dr. Hasan EKİM | Benefits of the Mediterranean Diet for our Health | <i>Yozgat Bozok University, Türkiye.</i> |
| Michael Okon Bassey Aniekan Essienubong Ikpe Victor Okon David | Failure Analysis of Vehicular Camshaft Component with Variable Materials Subjected to Multi-translated Non-proportional Loading Conditions in its Duty Cycle | <i>Department of Mechatronics Engineering, Akwa Ibom State Polytechnic, Ikot Osurua, PMB 1200, Nigeria.</i> |
| Oualid CHIBANE Karima SMILI Allaoua RAHMANI Ouarda CHIBANE Lazhar HEROUZ | Experimental Study on Insulating Material Charging | <i>Laboratory of electromechanics university Badji Mokhtar, Annaba, Algeria. Laboratory of technologies energetics systems, ENSTI-Annaba, Algeria. Laboratory of Electrical engineering, University of Béjaia, Algérie.</i> |



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Head of Session: **Assoc. Prof. Dr. Nabila Sher &
Dr. Gulnaz Begum**

Hall-3 / Session-1

Zoom Meeting ID: **839 9319 6566**

Zoom Password: **491844**

| AUTHORS | PRESENTATION TITLE | AFFILIATION |
|--|---|--|
| Salma ELAMIRI Soumia ABOUL-HROUZ Achraf CHAKIR Mohamed ZAHOUILY | Synthesis and Characterization of Novel Hydrogel Based on Alginate Grafted with Polyacrylamide for Slow-Controlled Release Fertilizer | <i>Laboratory of Materials, Catalysis and Valorization of natural resources, Hassan II University - Casablanca, Morocco. VARENA Center, MAScIR Foundation, Rabat Design, Rabat, Morocco.</i> |
| Dr. Abubakar Sani Umar Rabiú Belo | Phytochemical Screening and Antimicrobial Activities of Leaves Extracts of Dodonaea Viscosa Linn. | <i>Umaru Musa Yar'adua University Katsina State Nigeria Faculty of Natural and Applied Sciences Department of Pure and Industrial Chemistry, Nigeria.</i> |
| Demet Darcan Şafak METİN Ali Rıza DİNÇER | Investigation of the Change of Pollution Parameters as a Result of Mixing and Reaction of Textile Waste Water with Organic Peroxide Containing Waste Water | <i>Akpa Kimya, İstikbal Kurtupınar OSB Mah. Atatürk Cad:23/1 Muratlı, Tekirdağ, Türkiye. Namık Kemal Üniversitesi Çevre Mühendisliği Bölümü, Çorlu, Tekirdağ, Türkiye.</i> |
| Assoc. Prof. Dr. Nabila Sher Dr. Kalsoom Tariq Dr. Gulnaz Begum | Effect of Lipid-Based Multiple Micronutrients Supplementation in Underweight Primigravida Pre-Eclamptic Women on Maternal and Pregnancy Outcomes: Randomized Clinical Trial | <i>Biochemistry Department, Khyber Girls Medical College, Peshawar 25000, Pakistan.</i> |
| Mehmethan YILDIRIM Serap YALÇIN AZARKAN | Investigation of Vincristine and Etoposide Cytotoxic Effect on MDA-MB-231 Cell Line | <i>Kırşehir Ahi Evran University, Faculty of Arts and Sciences, Department of Molecular Biology and Genetics, Kırşehir, Türkiye. Kırşehir Ahi Evran University, Faculty of Medicine, Department of Medical Pharmacology, Kırşehir, Türkiye.</i> |
| K.R.Padma K.R.Don | Artificial Photosynthesis with Gold Nanostructures Incorporation in Non-Photosynthetic Bacteria | <i>Assistant Professor, Department of Biotechnology, Sri Padmavati Mahila Visvavidyalayam (Women's) University, Tirupati. Reader, Department of Oral Pathology and Microbiology, Sree Balaji Dental College and Hospital, Bharath Institute of Higher Education and Research (BIHER) Bharath University, Chennai, Tamil Nadu, India.</i> |
| Abbasova Nahidə Şavaat qızı | Prophylactic Control Measures Against Field Mice in Irrigated and Dry Grain Crops | <i>Scientific Research Institute of Plant Protection and Technical Plants, Azerbaijan.</i> |
| Assist. Prof. Dr. Tarık Güneş Res. Assist. Sıla Kale | An Investigation to Determine the Role and Effect of Maintenance Factors in Aircraft Accidents | <i>İstanbul Nişantaşı University, School of Civil Aviation, Department of Aviation Electric and Electronics, Istanbul, Türkiye.</i> |



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Head of Session: Assoc. Dr. Bülent BAYRAKTAR

Hall-4 / Session-1

Zoom Meeting ID: 839 9319 6566

Zoom Password: 491844

| AUTHORS | PRESENTATION TITLE | AFFILIATION |
|---|--|--|
| Assoc. Dr. Bülent BAYRAKTAR Lect. Gökşad Cemil KOTAN | PHYSIOLOGY OF NEURONAL DAMAGE MARKER NEURON-SPECIFIC ENOLASE | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> |
| Assoc. Dr. Bülent BAYRAKTAR Lecturer Gökşad Cemil KOTAN | ASTROCYTIC AND BRAIN DAMAGE MARKER S100 CALCIUM BINDING PROTEIN B (S100B) PHYSIOLOGY | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> |
| Assoc. Dr. Bülent BAYRAKTAR Lecturer Gökşad Cemil KOTAN | PHYSIOLOGY OF ESSENTIAL INTERMEDIATE FILAMENT PROTEIN OF ASTROCYTES AND ASTROCYTIC ACTIVITY MARKER GLIAL FIBRILAR ACIDIC PROTEIN (GFAP) | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> |
| Assist. Prof. Şeyma AYDEMİR Assoc. Prof. Bülent BAYRAKTAR | THE PHYSIOLOGICAL ROLE OF THE KISSPEPTIN/GPR54 SYSTEM IN THE REPRODUCTIVE SYSTEM | <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> |
| Assist. Prof. Şeyma AYDEMİR Assoc. Prof. Bülent BAYRAKTAR | INVESTIGATION OF THE PHYSIOLOGY OF THE FUNCTIONAL SPERMA MARKER A-KINASE BINDING PROTEIN-4 PRECURSOR PROTEIN (ProAKAP4) | <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> |
| Assist. Prof. Şeyma AYDEMİR Assoc. Prof. Bülent BAYRAKTAR Lect. Gökşad Cemil KOTAN | INVESTIGATION OF METABOLIC, ADIPOKINE (IRISIN, SPEXIN, VISFATIN) AND ENDOPLASMIC RETICULUM STRESS (GRP78) RESPONSE IN MONTOPHONE CATTLE WITH DIFFERENT CONDITION SCORE IN PREGNANCY AND LACTATION PERIOD | <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Hitit University, Alaca Avni Çelik Vocational School, Laboratory and Veterinary Program.</i> |
| Assoc. Prof. Bülent BAYRAKTAR Postgraduate Student Ayşe AYDOĞDU ŞENTÜRK | RELATIONSHIP OF GM2 GANGLIOSIDE ACTIVATOR (GM2A) PROTEIN AND ALZHEIMER'S DISEASE | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> |



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|--|---|---|
| | | <i>Bayburt University, Faculty of Applied Sciences, Department of Organic Agricultural Management.</i> |
| Assoc. Prof. Bülent BAYRAKTAR Food Technologist Mehmet Emin ŞAHİN | RELATIONSHIP WITH FABKIN HORMONE PHYSIOLOGY AND DIABETES | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Bayburt University, Faculty of Applied Sciences, Department of Organic Agricultural Management.</i> |
| Assoc. Prof. Bülent BAYRAKTAR Veterinarian Şeref Hakan AKTÜRK | TYPE B NATRIURETIC PEPTIDE PHYSIOLOGY AND ITS RELATIONSHIP WITH CARDIOVASCULAR DISEASES | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Bayburt University, Faculty of Applied Sciences, Department of Organic Agriculture and Management.</i> |
| Assoc. Prof. Bülent BAYRAKTAR Postgraduate Student Zeynep Nihan ÜLKER | THE PHYSIOLOGY OF NEUROFILIN-1 AND ITS ROLE IN SARS-CoV-2 (COVID-19) INFECTION | <i>Bayburt University, Faculty of Health Sciences, Department of Physiotherapy and Rehabilitation.</i> <i>Bayburt University, Faculty of Applied Sciences, Department of Organic Agricultural Management.</i> |