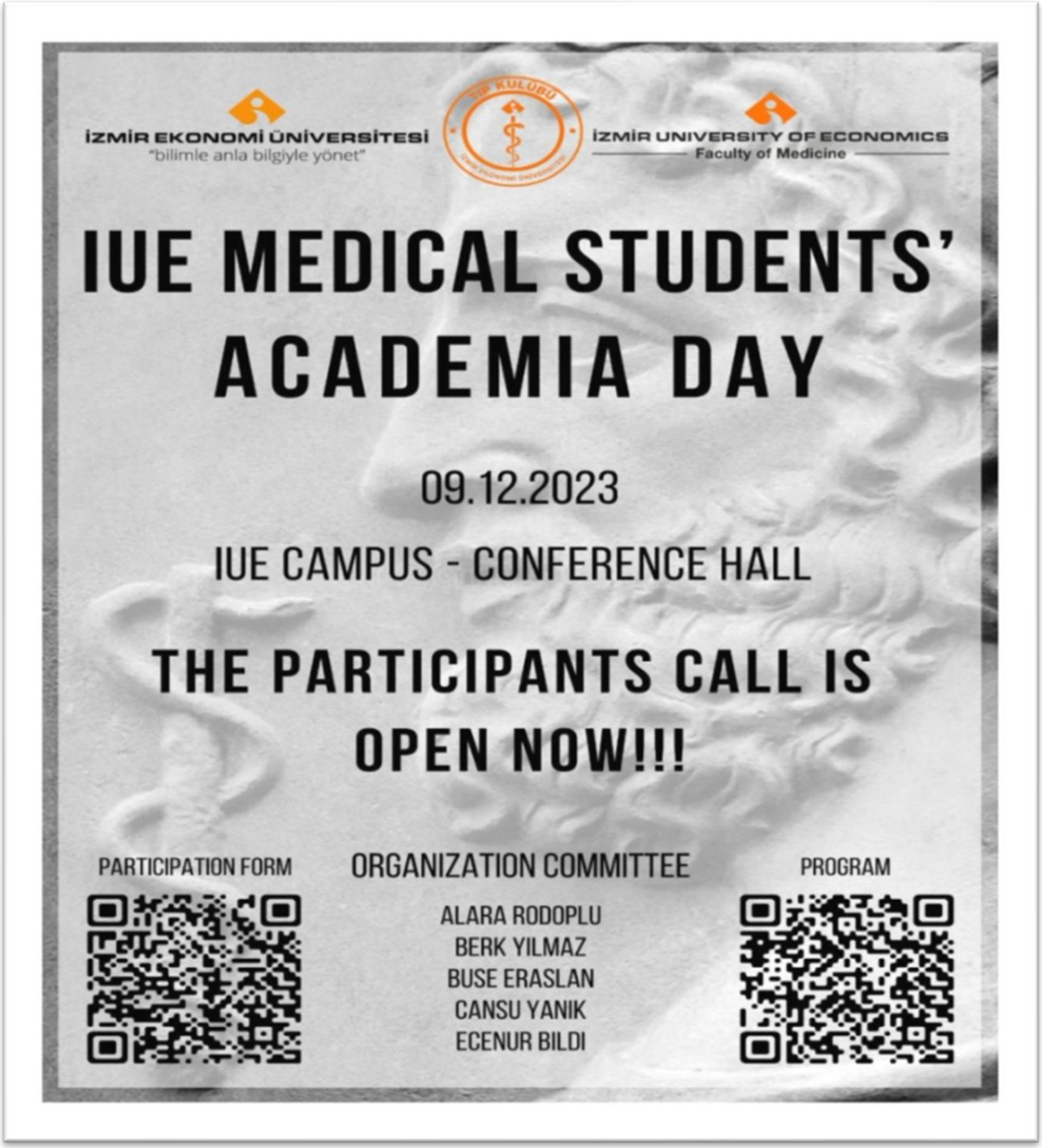
İZMİR EKONOMİ ÜNİVERSİTESİ
"bilimle anla bilgiyle yönet"

İZMİR EKONOMİ ÜNİVERSİTESİ YAYINLARI



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ISBN 978-625-6001-11-4

Etkinlik Programı: Programme:

09:00-09:30 Registration

09:30-10:15 Welcome Talks *Prof. Dr. M. İlgi Şemin, Dean*

Session 1

10:15-10:35 Opening Talk - Batuhan Çiftçi : *"Being a medical student in 21st century"*

10:35-10:50 Ümit Kemal Uğurlu : "*World's oldest athlete, a dentist"*

10:50-11:05 Sabiha Su Polatlı : *"Primary gastric squamous cell carcinoma (PGSCC)"*

11:05-11:20 Gülçin Çelik : *"Smoking Cessation in a 39-Year-Old Woman: A Case Report"*

11:20-11:35 Helin Özdemir, Dilara Omar : *"Role of Oxidative Stress and Nrf2 Signalling in Alzheimer's Disease"*

11:35-11:50 Ceren Ayık : *"Investigation of the Anticancer Effects of Jujube Leaves and Ribes Cladodes in Hepatocellular Carcinoma Cell Lines"*

11:50- 12:50 Lunch

Session 2

12:50-13:10 Dilge Kocabaş : *"More Than Just a Medical Student"*

13:10-13:25 Emirhan Talip Dinçel : *"The Impact of SLC29A4 Gene on the Survival of Colorectal Cancer Patients"*

13:25-13:40 Deniz Arslangiray : *"Effects of the association of Forkhead box J1 (FOXJ1) protein with Cyclin D1 and APC in Wnt/β- catenin pathway in colon cancer"*

13:40-13:55 Yasmin Ghaseminejad : *"Autophagic Cell Death Studies Lack Evidence of Causality"*

13:55-14:10 Şimal Arslan ve Zahra Abdi : *"The effect of PRP and hyaluronic acid in vaginitis: Case presentation"*

14:10-14:30 Umay Bengi Kaner : *"TOLLIP and Doxorubicin Resistance in Hepatocellular Carcinoma / ERASMUS+ in Portugal"*

14:30-15:00 Coffee Break

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Session 3

15:00-15:15 Onur Gülel : *"Should pre-clinical med student attend Erasmus+ "*

15:15-15:30 Lara Sinem Karakundak, Arda Bahşi : *"Erasmus+ Internship in Heidelberg University, Medical Faculty of Mannheim"*

15:30-15:45 Güvenç Arslan : "*Experiences as an Exchange Student in UKC Tuzla"*

15:45-16:00 Zeynep Deniz Türkü Şenan : *"Erasmus+ Traineeship in Essen/Germany"*

16:00- 16:15 Zeynep Özcan, Ece Palamutçu, Ekin Günbay : *"Erasmus + in Prague"*

16:15-16:30 Şimal Arslan : *"My internships in Paris"*

16:30-16:45 Feedback & Close - (Feedback will be received from all participants)

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Etkinliğin Sağladığı Fayda:

Etkinliğimiz dekanımız İlgi Şemin'in hoşgeldiniz konuşmasıyla başlamıştır. Daha sonra Batuhan Çiftçi'nin açılış konuşması ile ilk oturum başlamıştır. Ardından gelen konuşmacılarımız proje ve erasmus deneyimlerini anlatarak tıp fakültesi öğrencilerine bilgi vermişlerdir. Akademisyenlerin de katılımıyla Tıp fakültesini kaynaştıran aynı zamanda da eğitimimiz yanı sırasında yapılması çok değerli olan proje ve erasmus hakkında katılımcılar aydınlatılmıştır.

Etkinliğin Sonuç Raporu:

Etkinlikte hedeflediğimizden daha fazla katılımcı sayısına ulaşılmıştır. İzmir çapındaki diğer okullardan davetimizle gelen öğrenciler etkinliğimizin tanınırlığı için çok önemli olmuştur. Katılımcılarımızın sunumları oldukça keyifli geçmiştir. Ve etkinlik İEÜ Tıp Fakültesi öğrencilerinin akademik çalışmalarını yine İEÜ Tıp Fakültesi öğrencileriyle paylaşması ve kaynaşılması amacına ulaşmıştır. Oturumlara 2/3 katılım şartını sağlayan katılımcılara katılım sertifikaları elektronik olarak iletilmiştir.

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Güvenç Arslan

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Field of the Presentation: Internship Overseas

Title of the Presentation: Experiences as an Exchange Student in UKC Tuzla

Brief Summary of the Presentation

My experiences as an exchange student, brief state of hospitals in Tuzla/Bosnia, differences in treatment. Doctors approach to patients etc.

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Emirhan Talip Dinçel

Field of the Presentation: Kolon kanseri

Title of the Presentation: SLC29A4 Geninin kolon kanseri hastalarının sağkalımına etkisi

Brief Summary of the Presentation

SLC29A4 geni tarafından kodlanan SLC29A4 proteini, hücre içine monoaminler, organik katyonlar ve özellikle adenozinin alımından sorumlu bir transmembran proteinidir. Araştırma grubumuzun daha önce kolon kanseri üzerinde yapmış olduğu transkriptomik çalışma sırasında, SLC29A4 ifadesinin kolon kanserinde kötü prognoz ile ilişkili olduğunu gözlemledik. Bu etkinin, SLC29A4 proteinin tümör hücresinin hücre içine adenozin alımı ve artan adenozin düzeylerinin anjiyogenez ile ilişkili olduğunu gösteren çalışmalara dayanarak, SLC29A4 geninin, kolon kanseri tümörlerinin anjiyogenezine olan etkisini inceliyoruz."

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Deniz Arslangiray

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Field of the Presentation: Colon Cancer

Title of the Presentation: Effects of the association of Forkhead box J1 (FOXJ1) protein with Cyclin D1 and APC in Wnt/β-catenin pathway in colon cancer.

Brief Summary of the Presentation

Comparison of the expressions of APC, b-catenin and CyclinD1 genes that associated with colon cancer in different subtypes of colon cancer.

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Ümit Kemal Uğurlu

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Field of the Presentation: Oral poster at scientific meeting

Title of the Presentation: World's oldest athlete, a dentist

Brief Summary of the Presentation

Charles Eugster is Swiss dentist and geriatric health activist meanwhile maintaining active and joyful life with positive energy. I took notes from his life and backed up it with scientific data and graphics. Presentation contains retirement status of elders, public health, metabolic disease and motivational topics

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Ceren Ayık(me), Ece Öykü Yavuz, Onur Akpınar (mentor)

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Field of the Presentation: Biology

Title of the Presentation: Investigation of the Anticancer Effects of Jujube Leaves and Ribes Cladodes in Hepatocellular Carcinoma Cell Lines

Brief Summary of the Presentation

Nowadays, due to the lack of accurate and effective treatment for Hepatocellular Carcinoma (HCC), the search for new potential drugs has gained emphasis. In this project, it was aimed to find an alternative treatment method for liver cancer by investigating in vitro anticancer effects of jujube (Ziziphus zizyphus) leaves and ribes (Opuntia ficus-indica) cladode extracts, which has not been studied before on liver cancer, on hepatocellular carcinoma cell lines.

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Sabiha Su Polatlı

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Field of the Presentation General surgery

Title of the Presentation: Primary gastric squamous cell carcinoma (PGSCC)

Brief Summary of the Presentation

Cytotoxicity (MTT), migration and apoptosis experiments were carried out on the HCC cell lines SNU-398 and SNU-475 cell lines of plant extracts obtained by methanol extraction method from the leaves of the jujube plant and the cladodes of the ribes plant. According to the MTT test results, the LC50 value of jujube leaf extract for the SNU-398 cell line is 0.25 mg/ml, while the LC50 value of ribes cladodes extract is 2 mg/ml. For the SNU-475 cell line, the LC50 value of jujube leaf extract is 0.5 mg/ml, while the LC50 value of ribes cladodes extract is 1 mg/ml. As a result of migration experiments, it was observed that cancer cells could not multiply in scratched areas. As a result of the apoptosis experiments, it was determined that both plant extracts caused death by early apoptosis in two HCC cell lines without causing necrotic death.

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Onur Gülel

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Field of the Presentation: Erasmus +

Title of the Presentation: Should pre-clinical med student attend Erasmus+

Brief Summary of the Presentation

Experiences that I have in Hungary Erasmus+ Tranieeship and effect in my academic carrier

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Yasmin Ghaseminejad

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Field of the Presentation: Medical Biology

Title of the Presentation: Autophagic Cell Death Studies Lack Evidence of Causality

Brief Summary of the Presentation

OBJECTIVES: Autophagy has been a topic of extensive interest for the last two decades due to its critical role in health and many diseases. Autophagic cell death (or type II cell death) is a popular yet controversial concept, and how it is measured may vary greatly from study to study. Here we examined the methodology of publications with autophagic cell death claims and investigated the indisputability of the provided evidence.

MATERIALS and METHODS: We retrieved all autophagic cell death studies published in 2022 via Web of Science and analyzed their experimental design and methods. We classified the evidence provided for autophagic cell death in four groups:

Proof of increased autophagy and no data on cell death

Proof of increased autophagy and increased cell death (correlation)

Proof of increased autophagy and increased cell death alongside absence of apoptosis (correlation + exclusion of apoptosis)

Proof of increased autophagy causing cell death (causal relationship)

RESULTS: We have analyzed 55 articles and determined that the majority (60%) failed to present adequate evidence to demonstrate a causal relationship between autophagy and cell death. Other studies provided evidence of correlation (23.6%) or correlation accompanied by lack of apoptosis (7.2%). Surprisingly, some articles (21.9%) failed to provide any adequate evidence regarding autophagic cell death.

CONCLUSION: Since it is a popular topic, the number of articles mentioning autophagic cell death is increasing exponentially. However, not all published work contains autophagic cell death evidence. Here we report that misinterpretation of the term and poor experimental design are common practices among autophagic cell death studies.

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Field of the Presentation: Family & Lifestyle Medicine

Title of the Presentation: Smoking Cessation in a 39-Year-Old Woman: A Case Report

Brief Summary of the Presentation

In this presentation, I will talk about the conversion of a lifestyle medicine assignment that I did last year to a case report published in a scientific article.

I will mention how the task that made great care and effort becomes a case report and the general structure of this process. Also, I want to point out the examples which are the negativities and the rejections that I experienced during the publication process.

Finally, my main goal with this presentation is to be a good and hopeful model that ordinary medical students like me can also publish articles in scientific journals.

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Zeynep Özcan

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Field of the Presentation: Erasmus + internship

Title of the Presentation: Erasmus + in Prague

Brief Summary of the Presentation

We would like to make a presentation about the clinical biochemistry internship we did as 3 medical faculty students at Prague Charles University First Faculty of Medicine for 2 months within the scope of Erasmus + in the summer of 2023.

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Şimal Arslan ve Zahra Abdi

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Field of the Presentation: gynecology

Title of the Presentation: The effect of PRP and hyaluronic acid in vaginitis, case presentation

Brief Summary of the Presentation

Case presentation about the female patient who is 39 years old dealing with chronic vaginitis. PRP and hyaluronic acid combination treatment is given by Prof. Dr. Akın Sivaslıoğlu and we are discussing disease prognosis and treatment plan.

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Şimal Arslan

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Field of the Presentation: Internship experience

Title of the Presentation: My internships in Paris

Brief Summary of the Presentation

I made two internships in Paris, 22 January-22 Feb in Paris American Hospital in urology department and also 1July-1 September Paris Cite university in toxicology lab.

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Umay Bengi Kaner

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Field of the Presentation: Participated in Erasmus+

Title of the Presentation: ERASMUS+ in Portugal

Brief Summary of the Presentation

I want to share with you the 10 weeks spent fully in the heart of Portugal, in Lisbon, and the knowledge that what I have gained this period brought to my life. Thanks to my esteemed Professor Gül, I had the incredible experience of working with experts in their fields and amazing scientists. I will tell you about how working with brilliant researchers is a tremendous experience, how I encountered a completely different culture in my first international experience, and how I survived 3000 km away from my family and loved ones. I am here to share my project at Universidade de Nova ITQB, where I learned to work with bacteria, the working environments, and also touch upon Professor Cecilia's Control of Gene Expression Lab.

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Umay Bengi Kaner

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Field of the Presentation: Published a research article

Title of the Presentation: TOLLIP and Doxorubicin Resistance in Hepatocellular Carcinoma

Brief Summary of the Presentation

For approximately 3 years, I learned everything about the lab with the guidance of Assistant Professor Ayşe Banu Demir and Dr. Elif Barış, and successfully completed the project of the Asst. Professor Demir, the project ensured that I spent certain hours almost every week in the lab. The article of this promising project was published in Molecular Biology Reports as the most beautiful birthday gift on my birthday. The title of our paper is "Toll-interacting protein may affect doxorubicin resistance in hepatocellular carcinoma cell lines," and in summarizing this article, I will also discuss our objectives, goals, and the results we have achieved, all the processes.

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Zeynep Deniz Türkü Şenan

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Field of the Presentation: Erasmus+ Traineeship in Germany

Title of the Presentation: Urology as a Woman

Brief Summary of the Presentation

Presentation will be including the process starting from how to apply to a Erasmus+ project and ending with all experiences I had in Germany.

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Lara Sinem Karakundak-Arda Bahşi

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Field of the Presentation: Erasmus+ Internship

Title of the Presentation: Erasmus+ Internship in Heidelberg University, Medical Faculty of Mannheim

Brief Summary of the Presentation

We did an internship with Erasmus + at Mannheim Medical Faculty in Germany for 2 months. Arda Bahşi was in the orthopedics department, and I, Lara Sinem Karakundak was in the general surgery department.

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Helin Özdemir, Dilara Omar

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Field of the Presentation Biochemistry, review article

Title of the Presentation: Role of Oxidative Stress and Nrf2 Signalling in Alzheimer's Disease

Brief Summary of the Presentation

Alzheimer's disease is primarily marked by the accumulation of protein aggregates within the brain, including extracellular amyloid plaques (Aβ), intracellular tau (τ) or neurofibrillary tangles, and the deterioration of synaptic connections in specific regions of the brain. Alzheimer's disease and its neuropathological features, including the accumulation of neurotoxic Aβ oligomer peptides and τ protein, which results in neurodegeneration and give rise to various associated challenges: such as triggering neuroinflammation, disrupting synaptic connections, leading to cholinergic denervation, and creating an imbalance in neurotransmitters, thus causing loss of neurons, and changes in dendritic structures. There are so many studies indicating significant role of oxidative stress, triggered by ROS, in the detrimental impact on biomolecules, with a particular focus on proteins, in the context of Alzheimer's disease. The link between oxidative stress and Alzheimer's disease underlines the need for effective treatments. Human body has countless complex mechanisms in terms of antioxidant response to oxidative stress caused by ROS. Research into key regulators such as NF-E2 factor 2 (Nrf2) may offer therapeutic opportunities to counteract the deleterious effects of cellular oxidation in such diseases.

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