



BEZMİÂLEM science

5th ANNUAL
MEDICAL STUDENTS'
RESEARCH DAY



04 JUNE 2021

BEZMIALEM
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STUDENTS' RESEARCH DAY

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BEZMİALEM science

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Guest Editor

Meliha Meriç Koç

Bezmialem Vakif University Faculty of Medicine,
Department of Infectious Diseases and Clinical Microbiology





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PREFACE

Training as a physician requires attention not only to knowledge and patient care, but also to lifelong learning and scholarship. Scholarship is an important factor when considering the skills of a physician and the mission of Bezmialem Vakif University (BVU) is to train healthcare professionals and scientists through innovative education models by using modern science and technology in light of the values of our civilization; to conduct research that produce real results as products and services; to provide high quality and accessible healthcare services while improving the health level of our society.

Hence in 2014 Bezmialem Vakif University and Johns Hopkins University (JHU) agreed upon a curriculum development collaboration including the implementation of Scholarly Concentration Module of JHU. This serves as a potential model for translation to other medical curricula outside the United States, as well. The overall course goals and objectives are similar to the Johns Hopkins program and contains 6 modules.

Course Orientation and Module 1. In September of the first year of the program which includes actually the 4th grade of Bezmialem medical students, they have a required course orientation that provides an overview of the course objectives and process. Students are asked to begin to think about their scholarly interests. Students are also advised about early stages of research projects, including selecting a mentor, developing a question, and searching the literature.

Modules 2-4. Modules 2-4 continue in the 5th year of medical school. During this time, students are given guidance regarding their own independent project. These later modules focus on human subject protection and logistical issues related to the conduct of the project.

Modules 5-6. Modules 5-6 occur in the second year of the scholarly concentration module taking place during the 5th year of medical school, and most students have had an opportunity to conduct the bulk of the work for their project in the preceding summer. These modules are spent reviewing the progress and discussing how to present the project in an abstract, poster, or oral presentation format.

Medical Student Research Symposium. Each student presents their scholarly project at Medical Student Research Symposium (MSRS). During the day a judging process of posters, oral presentations, and podium presentations by course faculty takes place.

This Supplement of Bezmialem Science is dedicated to these presentations which were selected to be presented either orally or as posters by the faculty of the Scholarly concentration module.

Each project has been peer reviewed by faculty both from BVU and JHU and we are all proud to complete the fourth course with great success.

I would personally like to extend my sincere thanks to our collaborators in JHU and my faculty dedicated to scholarly concentration module here in BVU as well as the my students, scientists of the near future.

Rümeysa Kazancıoğlu, MD
Bezmialem Vakif University
Rector
Head of Scholarly Concentration Module

Programme

08.15-08.30: Introduction

08.30-09.15: The Importance of Impact In Research Projects

Prof. Dr. Feza KORKUSUZ, PhD

TÜBİTAK Deputy Vice President

Professor of Sports Medicine Hacettepe University

09.15-10.05: Podium Oral Presentations I

10.05-10.15: Coffee Break

10.15-11.05: Podium Oral Presentations II

11.05-11.15: Coffee Break

11.15-12.15: Short Oral Presentations

12.15-13.15: Lunch

13.15-14.15: Poster Presentations

Podium Oral Presentations

09.15-10.05

Duygu Su SARAÇOĞLU

Investigation of Factors Affecting Daily Life Activities in Geriatric Patients

Koray KASAN

The Potential Role of Alternative Transcript Isoforms in Developmental Gene Expressions in Ants

Burak Mert BEKTAŞ

Investigation of Cytotoxic, Genotoxic and Apoptotic Effects of Thymoquinone-oxime on Glioma Cells

Ayşe Sena ALTUN

Investigation of in vitro Wound Healing Properties of Metformin and Coenzyme Q10

Ebru ÇİFTKAYA

The Investigation of the Effectiveness of Urtica Dioica in the Streptozotocin-Induced Neurodegeneration Model

10.15-11.05

Ceren ÖZÇELİK

Research of Sleep and Chronotype in Infertile Population and Their Effects on Infertility Treatment

Zeynep Şule EVREN

The Effect of Augmented Reality Technology on Preoperative Anxiety in Children and Parents

Ümmühan Zeynep BİLGİLİ

The Importance of Postpartum Kleihauer-Betke Test in Low Risk Rh- Incompatible Pregnant Population

Abdülhamit ALİ

Oxidative Stress and Neural Damage Parameters in Parkinson's Disease

Mahmut SASANI

Ideal Unclamping Order at Carotid Endarterectomy Procedures: Ex Vivo Study

Short Oral Presentations

11:15-12.15

Abdülkadir Altuntaş

The Relationship Between HbA1c Level and Coronary Artery Disease Severity in Patients Undergoing Coronary Angiography

Seher Haksever

Measuring the Quality of Life in Turkish Women Diagnosed with Polycystic Ovary Syndrome

Süleyman Talha Özden

Evaluation of Geriatric Patients with Diabetes Mellitus According to Target Hemoglobin A1C Levels

Zuhal Uzun

Retrospective Investigation of Histological Compatibility between Colposcopically Directed Cervical Biopsy and Conization Material

Kerem Kara

Evaluation of Forensic Cases and Forensic Reports Appealing to Bezmialem Vakif University Emergency Department

Betül Yılmaz

Wide-Open Dorsal-Approach Septorhinoplasty and Its Effects on Preoperative and Postoperative Age Estimation in Patients

Ulaş Can Arıkanoglu

Effects of Methylphenidate on Electrocardiogram and Systemic Arterial Pressure in Children with Attention Deficit and Hyperactivity Disorder

Elif Nur Orkan

Risk Factors of Drug-resistant Epilepsy in Children with Cerebral Palsy

11:15-12.15

İrem Basmacı

Assessment of Medication Adherence and Bleeding Complications in Patients Receiving Oral Anticoagulants

Tunahan Dündar

Investigation of Ficus Carica Plantae' Cytotoxic, Genotoxic, Apoptotic, Antineoplastic, Anti-inflammatory, and Autophagic Effects on Breast Cancer Cells

Samed Oğuzhan Akın

Increased Osteoporosis Risk and Risk Factors in Parkinson's Patients

Barış Karasu

Relationship Between Thyroid Diseases and Breast Cancer: TSH Receptor Status Study

Short Oral Presentations

Zeynep Betül Karapıçak

Evaluation of Angio Results and 10-year Cardiovascular Risk Calculation with Monocyte/HDL Ratio in Patients Undergoing Diagnostic Coronary Angiography

Şeyma Teymur

The Use of Hemogram Parameters to Predict Progression of Renal Failure in Diabetic Nephropathy

Nisa Hocaoğlu

What Inflammasomes Tell Us About Multiple Sclerosis

Zeynep Akdemir

Evaluation of Biochemical Parameters and Imaging Methods in the Management of Patients with Renal Colic

11.15-12.15

Merve Sena Yakut

Comparison of Cytotoxic, Genotoxic and Apoptotic Effects of Broccoli (*Brassica Oleracea* var. *Italica*) and Cauliflower (*Brassica Oleracea* var. *Botrytis*) Extracts on Colon Cancer Cells

İlke Soylu

The Relationship Between Preferred Sleep Position and Heart Rate, Arterial Blood Pressure, Respiratory Rate and Peripheral Oxygen Saturation

Yusuf Mert Gezer

Evaluation of Ferritin, Transferrin, Myelin Basic Protein, and Myelin Oligodendrocyte Glycoprotein Parameter in CSF Samples Taken from Multiple Sclerosis Patients

Zeynep Soybay

Assessment of QTc Dispersion in Children with Familial Mediterranean Fever

Çağlar Sertkaya

Information and Thoughts of The Families Who Have Applied To Bezmialem Vakif University Pediatric Emergency Room and Pediatric Polyclinics For Childhood Vaccinations

Rana Sönmez

Determination of the Reference Range of Zinc and Copper Trace Elements in Turkish Society

Esma Nur Keskin

Evaluation of Hair Loss After COVID-19

Ömer Faruk Karagöz

Questioning of Ibs Symptoms And Defecation Habits Among 4th and 5th Years Medical Students of Bezmialem Vakif University

Poster Presentations

13.15-14.15

Enes PARLAYAN

Age Determination by Evaluation of Costochondral Joint and Sternum on CT

Muhammed Nuri SÜS

Survey for the Determination of Types of Screen Exposure and Duration in Children Between the Ages of 0 and 3 Years

Ahmet Turan KOÇ

The Effect of Medical Developments on The Patient-Physician Relationship From Past To Today

Melek TOPCU

Perceptions of Postmenopausal Symptoms and Treatment Options Among Middle-Aged Women

Canan KOBAN

Analyzing the Relationship Between Brain Magnetic Resonance Imaging Findings and Clinical Findings in Children with Cerebral Palsy

Hatice YAVAŞ

Self-efficacy Perceptions of Professional Competencies of 5th and 6th Grade Students in Bezmialem Vakif University Faculty of Medicine During the COVID-19 Outbreak Process

Umut Devrim KAHRAMAN

Evaluation of the Relationship Between Diabetic Peripheral Neuropathy and Vitamin B12 Level in Diabetic Patients

Ayşenur GÜLCÜ

The impact of peer victimization and psychological symptoms on quality of life in children and adolescents with Familial Mediterranean Fever

Ibrahim Al Harach

Investigation of clinical and epidemiological characteristics of Kawasaki patients

Ömer ÖZ

Knowledge and Confidence Level of the Mothers of Children Between the Ages of 0 and 36 Months Who Came to Bezmialem Vakif University Faculty of Medicine Hospital Child Health and Diseases Polyclinic: A Questionnaire Study

İpek PEKEL

Placenta Previa Risk Factors and The Relevance Between Ultrasound Findings and Hysterectomy Incidence

Arifcan KORU

Seasonal Prevalence of Influenza A (H1N1) and B viruses between 2016 and 2019

Poster Presentations

13.15-14.15

Ece BALCI

The Retrospective Analysis of Patients Diagnosed with T-Cell Lymphoma at Bezmialem Vakif University's School of Medicine Hospital

Tulu İpek ASLAN

Evaluation of Knowledge, Approaches and Behaviors on HPV Vaccination in Bezmialem Vakif University Students

Hayriye AYDIN

Investigation of Sample Rejection Reasons from Clinical Biochemistry Laboratory

Emir GÖÇER

Investigation of Attention Deficit and Hyperactivity Disorder in Patients Applied to Hospital with Any Accident, Injury or Trauma

Ahmet Burhan DOĞAN

Investigation of Panic Attack Patients Who Applied with Chest Pain to Bezmialem Vakif University Emergency Department

Simla ŞAHİN

Investigation of Risk Factors Affecting the Development of Nephrotoxicity in Patients Receiving Colistin Therapy: A Retrospective Study

Fatma Zehra YÜKSEL

Examination of Platelet Count and Mean Platelet Volume (MPV) Values in Children Diagnosed with Rheumatic Heart Disease

Melikcan ŞENOL

Self-Confidence in Clinical Breast Examination (CBE) Among Students of Bezmialem Vakif University Medical Faculty

Talha ERDOĞAN

Evaluation of Diastolic Parameters of The Heart in Cerebrovascular Diseases

Emira GASHİ

The Reasons for the Refusal of the Vaccines Nowadays

Muhammed Furkan ÜSTÜN

Relationship of Sports Habit with Depression Levels in Medical Students

Zeynep ÇARSANCAKLI

Evaluation of the Relationship Between Fear of Childbirth and Sociodemographic Characteristics in Pregnant Women

Poster Presentations

13.15-14.15

İrem KOLAK

Evaluation of Radiation Awareness in Medical Faculty Students Before and After Education

Şuheda ERDEM

Awareness of Breast Milk and Breastfeeding Practices Among Female Healthcare Workers in Bezmialem Vakif University

Gülşah Ferzan YILMAZ

Evaluation of Anxiety and Fear Levels of Bezmialem Vakif University Students During COVID-19 Pandemic

Esmâ SAYAR

Can CXCL13 be a Prognostic Marker in Clear Cell Renal Cell Carcinoma?

Zeynep Selin KANER

Knowledge, Attitudes and Behaviors of 4th Year Students of Faculty of Medicine and Faculty of Pharmacy in Bezmialem Vakif University about Rational Medicine and Its Use

Sevim Aslı EHLİL

Comparison of Drug Efficiency and Safety in Childhood Febrile Convulsions Depending on The Rate of Seizure Recurrency

Ahmetcan GÜLTEKİN

Evaluation of Allergy in Ankylosing Spondylitis

Ömer Hakkı TUNÇSAN

Research of Prevalence of Iron Deficiency and Anemia in Children Under 2 Years of Age

Aleyna YAZICI

Investigation of Thiol Disulfide Balance in People with Polycystic Kidney and Chronic Kidney Disease

Hesham Habib BEHZAD

Sleep Quality: Role in the Risk and Severity of Coronary Artery Obstruction Due to Atherosclerosis

Dilara Nur SIRÇANCI

Determining the relationship of elbow and wrist muscle strengths with disease activity and functionality in patients with Spondyloarthritis

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