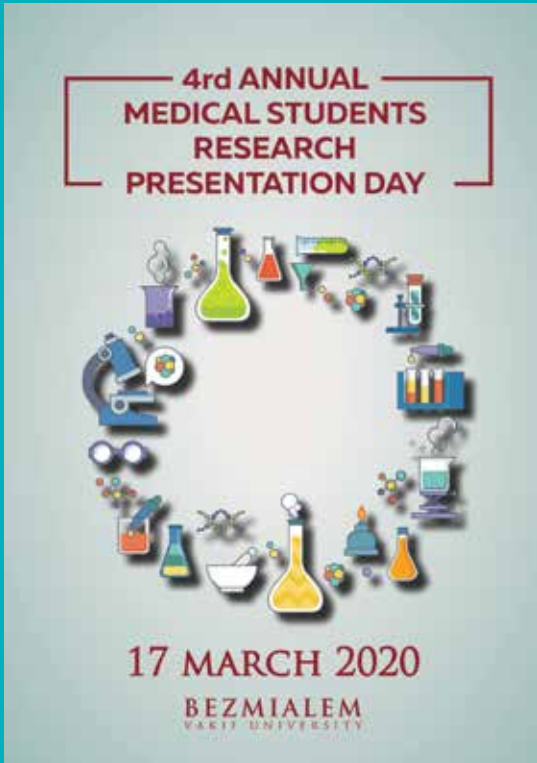




# BEZMİÂLEM science



4<sup>rd</sup> ANNUAL MEDICAL  
STUDENTS RESEARCH  
PRESENTATION DAY

17 MARCH 2020

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# BEZMİÂLEM science

**4<sup>rd</sup> ANNUAL MEDICAL STUDENTS  
RESEARCH PRESENTATION DAY**

**17 MARCH 2020**

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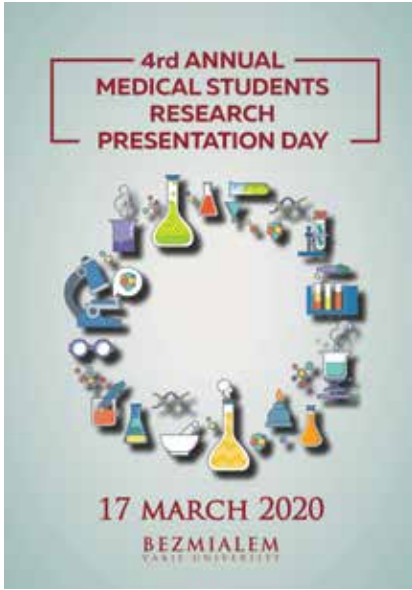
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## Acknowledgements

Bezmialem Vakif University thanks everyone who organized this event for their contribution and assistance

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## PREFACE

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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 4<sup>th</sup> 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.

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

## Programme

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**09.00-09.15:** Introduction

*Rümeysa Kazancıoğlu, M.D.*

**09.15-10.15:** Oral presentations (*Conference Hall*)

**10.15-10.30:** Coffee break

**10.30-11.10:** Oral presentations (*Conference Hall*)

**11.10-13.00:** Lunch + Poster presentations

**13.00-14.00:** Short oral presentations (*Parallel rooms*)

**15.00:** Medicine Day Ceremony

# Podyum Oral Presentations

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## Conference Hall / 09.15-11.30

09.15-09.25

**Meral Ekşi**

An Investigation of The Relationship Between Mucosa Associated Invariant T-Cells (MAIT) and Childhood Asthma

09.25-09.35

**Pınar Kaderi**

Can Cancer Stem Cells Help Predict Prognosis of Colorectal Cancers?

09.35-09.45

**Ahsen Çakır**

Investigation of Antimicrobial Effect of Fluoxetine in Experimental Sepsis Modeled Rats

09.45-09.55

**Kadir Bilgi**

The Relationship Between Serum FGF23 Levels and Liver Steatosis in Individuals with Type 2 Diabetes Mellitus

09.55-10.05

**Ceren Usta**

The Effect of Lavender Oil on Pain Control in Premature Infants: A Randomized Controlled Study

10.05-10.15

**Yusuf Sürücü**

A Rat Study: Cosmetic, Histologic and Mechanic Effect of PRF on Wound Under Tension

10.30-10.40

**Emriye Acar**

Clinical and Genetic Research of the Relationship Between Irritable Bowel Syndrome and Biological Clock

10.40-10.50

**Beria Aksu**

The Cytotoxic, Gnotoxic and Apoptotic Effects Against Colorectal Cancer Cells in different Concentrations of Prangos Platychlaena

10.50-11.00

**Sena Nur Demir**

Comparative Effects of Combustible Cigarette and IQOS on Experimental Rat Model

11.00-11.10

**Zeynep Balta**

Investigation of Inflammatory Cytokines and Response to Treatment in Patients with Obsessive Compulsive Disorder



# Short Oral Presentations

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## Deanery Conference Hall/ 13:00-14.00

**Selin Seyhun**

Investigation of Academic Procrastination Behaviors Among Bezmialem Vakıf University Students

**Berna Arslan**

Hypochondria and Health Anxiety in Medical Students

**Taha Can Onay**

Investigation of Pathological Narcissism in Patients with Anxiety Disorders and Depression

**Büşra Kutlu**

Investigation of N-Terminal Pro Brain Natriuretic Peptide, Oxidative Stress, and Thiol Disulfide Homeostasis in Vitiligo Patients

**Serra Rana Cesur**

Evaluation of Attitudes and Knowledge of Physicians and Nurses Working at Bezmialem Vakıf University for Palliative Care

**Utku Karatoprak**

Evaluation of Epidemiological Features And Dosage Of The Medication For Permanent Hypoparathyroidism Patients As A Candidate of Parathyroid Transplantation

**Ebrar Pakyıldız**

Evaluation of Knowledge Level and Making Preferences of Pregnant Women About Prenatal Screening Tests

**Aybike Özdağ**

The Relationship of Endometrium pH Value With Embryo Implantation in Women

**Zeynep Gizem Bayram**

Investigation of the Relationship Between Androgenetic Alopecia (AGA) and Metabolic Syndrome(MetS) and Evaluation of the Relationship Between Metabolic Syndrome and Early Onset Age of Androgenetic Alopecia

# Short Oral Presentations

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## Deanery Seminer Hall / 13:00-14.00

**Didem Kaçan**

Burnout, Depression in Obstetrics and Gynecology Residents

**Melike Kahraman**

A comparison of the Attitudes of 1<sup>th</sup> and 6<sup>th</sup> Grade Students on Euthanasia at Bezmialem Vakif University Faculty of Medicine

**Gamze Sarı**

Relationship Between Oxidative Stress and Serum Mineral Values in Patients with Partial and Generalized Epilepsy

**Esra Yücel**

The Effects of Accelerated Recovery Program After Surgery in Urogynecologic Interventions

**Elif Günhan**

The Relationship Between Attention Deficit/Hyperactivity Disorder and Iron Parameters in Blood

**Nisa İrem Bursalı**

A Cross-sectional Study on Patients With Primary Myelofibrosis: Two Centers' Experience

**Gamze Aytaş**

Comparative Evaluation of Orthostatic Hypotension in Patients with Diabetic Nephropathy

**Tunahan Karaoğlan**

Evaluation of a Novel Low-Cost Laparoscopic Sacrocolpopexy Model For Core Laparoscopic Skills

**Furkan Gür**

Is Iron Deficiency Anemia a Risk Factor for Febrile Convulsion?

# Short Oral Presentations

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## **Asaf Ataseven Lecture Hall / 13.00-14.00**

**Aslıhan Karayazı**

Evaluating Human Papilloma Virus Knowledge and Oppinions About Human Papilloma Virus Vaccine Among Bezmialem Vakıf University Medicine Students

**Taha Süreyya Firidin**

Is Erectile Dysfunction an Early Symptom of Diabetes?

**Ezgi Keskin**

Relationship of Screen Exposure with Autism Symptoms

**Sinem Vatanserver**

The Frequency of Childhood Trauma in Migraine Patients

**Ege Akvardar**

Lifestyle Changes In Post-mi Patients Treated With Primary Angioplasty

**Kübra Kayıkçı**

A Retrospective Evaluation of Adverse Maternal and Fetal Outcomes in Pregnant Women aged 40 and Older

**Zeynep Pelin Orhan**

Comparison of Angina Scales in Patients Planned to Undergo Diagnostic Coronary Angiography

**Burak Anıl Tuğci**

Comparison of Peak Troponin Values and Evaluation of Infarct Rate in Myocardial Tissue in Hypertensive and Normotensive Myocardial Infarction(MI)

# Short Oral Presentations

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## Eric Frank Lecture Hall / 13.00-14.00

**Ervanur Demir**

Investigation of Oxidative Stress and Inflammation in Restless Legs Syndrome

**Ali Kaan Öztürk**

Evaluation of Upper Respiratory Tract Microbiota Changing with Chronic Cough Children

**Metehan Mirođlu**

Detection of Retrograde Sleep Patterns in Patients with ST Elevation Myocardial Infarction and its Relationship with In-Hospital Events

**Elif Özođuz**

The Prevalence of Metabolic Syndrome in Patients with Acute ST-Elevation Myocardial Infarction and the Relationship Between Metabolic Syndrome and in-Hospital Events

**Ayten Özal**

Evaluation of The Relationship Between Sleep Quality and Coronary Artery Disease in Patients Planned to Undergo Elective Coronary Angiography

**Muhammet Furkan İşgören**

The Relationship Between Urinary Incontinence and Disease-Related Parameters and Quality of life in Patients with Multiple Sclerosis

**Ođuzhan Uçar**

Does Vitamin D Deficiency, Effect Hypertension Induced Cardiac Remodeling and Create a Tendency to Develop Stroke in Atrial Fibrillation and Hypertension Patients?

**Selime Furuncuođlu**

Clinical Features and Factors Affecting Prognosis in Patients with Chronic Viral Hepatitis (B and C) Developing Hepatocellular Carcinoma

# Short Oral Presentations

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## Deanery Meeting Room / 13.00-14.00

**Enes Kuşdoğan**

Comparison of Two Methods for Accurate Measurement of Blood Pressure: Measurement with Manual Measurement and Automatic Device

**Melis Ceylan**

An examination of the Relationship Between Depression Symptoms and the HbA1c in Patients with Type2 Diabetes Mellitus

**Şeyma Teko**

Patients Diagnosed with Epilepsy sleep Habits Research

**Bekir Oğuzhan Ünsel**

Distribution of Adenovirus Gastroenteritis Patients at the Pediatric Emergency Department of Our Hospital According to Age Groups

**Bahar Sever**

The Relationship Between Interarterial Block and PASI in Patients with Psoriasis

**Tolga Taşgiran**

Social Medias Effect on Depression and Self-Esteem

**Muhammet Anıl Tuğlu**

Evaluation of Testosterone Levels in Patients Undergoing Micro Testicular Sperm Extraction (TESE)

**Beyza Maşlak**

The Evaluation of The Relationship Between Breast Milking and Types of Delivery in Infants

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