

## **Internal Webinar**

### **Relationship of *UCP (1-3)* Polymorphisms with Obesity and Nutritional Status in Adolescents**

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In this talk, the relationship of *UCP (1-3)* polymorphisms with obesity and nutritional status in Turkish adolescents will be discussed. In this study, a total of 200 volunteers, including 100 obese and 100 healthy adolescents participated. The general information and nutritional habits of the participants were collected by the researcher using a questionnaire, by interviewing the participants face to face. The daily energy and nutrient intakes of the patients were determined using the 24-hour recall method. Eating awareness status of individuals was evaluated with “Mindful Eating Questionnaire” and emotional eating status was evaluated with “Emotional Eating Scale for Children and Adolescents”. Physical activity levels were determined by the “The International Physical Activity Questionnaire”. Biochemical parameters and serum leptin & adiponectin levels were analysed. In addition, *UCP (UCP1-rs1800592; UCP2-rs659366; UCP3-rs1800849)* gene polymorphism states were determined.

**Monday, Jul 18<sup>th</sup> 2022**

**2:30 PM**

