



**ODU TIP DERGİSİ**  
**ODU MEDICAL JOURNAL**  
**(ODU MED J)**



**OWNER**

On Behalf of Ordu University  
NİYAZİ TAŞCI

**EDITOR**

ULKU KARAMAN,  
Ordu University

**ASSOCIATED EDITORS**

AHMET KAYA, Ordu University  
AHMET KARATAŞ, Ordu University  
ALİ YILMAZ, Ordu University  
SAİME ŞAHİNÖZ, Ordu University  
NECATİ OZPINAR, Mustafa Kemal University  
TURGUT ŞAHİNÖZ, Ordu University

## *FIELD EDITOR*

### **Basic Medical Sciences**

**Ali Aslan**, Ordu University, Ordu/Turkey  
**Gonca Gülbay**, Ordu University, Ordu/Turkey  
**Orhan Baş**, Ordu University, Ordu/Turkey  
**Pınar Naile Gür gör**, Ordu University, Ordu/Turkey  
**Ülkü Karaman**, Ordu University, Ordu/Turkey

### **Surgical Medical Sciences**

**Abdullah Alper Şahin**, Ordu University, Ordu/Turkey  
**Ali Beytur**, Inonu University, Malatya/Turkey  
**Alper Çıraklı**, Ordu University, Ordu/Turkey  
**Deha Denizhan Keskin**, Ordu University, Ordu/Turkey  
**Seda Keskin**, Ordu University, Ordu/Turkey  
**Kunesko Nart**, Maternity Hospital Moskova/Russian

### **Internal Medical Sciences**

**Atakan Savrun**, Ordu University, Ordu/Turkey  
**Emine Yurdakul**, Ordu University, Ordu/Turkey  
**Ömer Karaman**, Ordu University, Ordu/Turkey  
**Özgür Enginyurt**, Ordu University, Ordu/Turkey  
**Saime Şahinöz**, Ordu University, Ordu/Turkey  
**Sevgi Çıraklı**, Ordu University, Ordu/Turkey  
**Serpil Şener**, Inonu University, Malatya/Turkey  
**Yasemin Kaya**, Ordu University, Ordu/Turkey

## *INTERNATIONAL EDITORIAL BOARD MEMBERS*

**Cheers Emiliano**, Milan University, Italy  
**Fabio Esposito**, Milan University, Italy  
**Judit Plutzer**, National Institute of Environmental Health, Hungary  
**Kuneshko Nart**, Karolinska Institutet, Sweden

**Kosta Y. Mumcuoğlu**, Hebrew University of Jerusalem, Israel  
**Katalin Sandor**, Maternity Hospital Moskova/Russian

**Sudeep Raj Singh**, Hospital in Birtamod, Nepal

## SCIENTIFIC COMMITTEE

**Ahmet Çalışkan**, Pamukkale University, Denizli/Turkey  
**Ahmet Karataş**, Ordu University, Ordu/Turkey  
**Ahmet Kaya**, Ordu University, Ordu/Turkey  
**Ali Özer**, Inonu University, Malatya/Turkey  
**Ali Yılmaz**, Ordu University, Ordu/Turkey  
**Aşlı Aykaç**, Yakın Doğu University, Kıbrıs  
**Arzu Şahin**, Uşak University, Uşak/Turkey  
**Aydın Korkmaz**, Ordu University, Ordu  
**Ayşegül Çebi** Giresun University, Giresun/Turkey  
**Ayşegül Özkan** Hittit University, Çorum/Turkey  
**Atakan Savrun**, Ordu University, Ordu  
**Cemil Çolak**, Inonu University, Malatya/Turkey  
**Durmuş Oğuz Karakoyun**, Ordu University, Ordu/Turkey  
**Ebru Çanakçı**, Ordu University, Ordu/Turkey  
**Emine Şamdançıcı**, Inonu University, Malatya/Turkey  
**Esra Erdoğan**, Gulhane Medical Faculty, Ankara/Turkey  
**Erdal Benli**, Ordu University, Ordu/Turkey  
**Fatif Sal**, Leicester University, Ingiltere  
**Funda Doğruman-Al**, Gazi University, Ankara/Turkey  
**Hakan Korkmaz**, Ordu University, Ordu/Turkey  
**Hamza Çınar**, Abant İzzet Baysal University, Bolu/Turkey  
**Havva Erdem**, Ordu University, Ordu/Turkey  
**Hilal Altaş**, Ordu University, Ordu/Turkey  
**Ismail Erkan Aydın**, Ordu University, Ordu/Turkey  
**Keziban Doğan** Sadi Konuk, education Res. Hos İstanbul/Turkey  
**Muhammed Özbilen**, Ordu University, Ordu/Turkey

**Mustafa Kerem Çalgın**, Ordu University, Ordu/Turkey  
**Needet Özçay**, Yakın Doğu University, Kıbrıs  
**Nilay Taş**, Ordu University, Ordu/Turkey  
**Ömer Karaman**, Ordu University, Ordu/Turkey  
**Özlem Özdemir**, Ordu University, Ordu/Turkey  
**Semih Kunak**, Ordu University, Ordu/Turkey  
**Serpil Değerli**, Cumhuriyet University, Sivas/Turkey  
**Sevda Önder**, Ordu University, Ordu/Turkey  
**Şahin Direkel**, Giresun University, Giresun/Turkey  
**Tevfik Noyan**, Ordu University, Ordu/Turkey  
**Tuba Gül**, Ordu University, Ordu/Turkey  
**Tuğba Raika Kiran**, İskenderun University, İskenderun/Turkey  
**Tuba Şeyda Savrun**, Ordu University, Ordu/Turkey  
**Tülin Bayrak**, Ordu University, Ordu/Turkey  
**Ülkü Karaman**, Ordu University, Ordu/Turkey  
**Yeliz Kasko Arıcı**, Ordu University, Ordu/Turkey  
**Yunus Güzel**, INOVA hospital, Nevşehir/Turkey  
**Zeki Yüksel Günaydın**, Ordu University, Ordu/Turkey  
**Zeynep Taş Cengiz**, Yüzüncü Yıl University, Van/Turkey

## *Layout Editors*

**Atakan Savrun**, Ordu University, Ordu  
**İsmail Erkan Aydin**, Ordu University, Ordu/Turkey  
**Pınar Naile Gür gör**, Ordu University, Ordu/Turkey  
**Ülkü Karaman**, Ordu University, Ordu/Turkey

## *Secretarial Staff*

**Ülkü Karaman**, Ordu University, Ordu/Turkey

## *Language Inspectors*

**Çağrı Akalın**, Ordu University, Ordu/Turkey  
**Muhammed Özbilen**, Ordu University, Ordu/Turkey  
**Sevda Önder**, Ordu University, Ordu/Turkey

## *Proofreading*

**Atakan Savrun**, Ordu University, Ordu  
**Gonca Gülbay**, Ordu University, Ordu/Turkey  
**Pınar Naile Gür gör**, Ordu University, Ordu/Turkey  
**Ülkü Karaman**, Ordu University, Ordu/Turkey

## *Biostatistical Consultant*

**Adem Doğaner**, Sütçü İmam University, Kahramanmaraş  
**Cemil Çolak**, Inonu University, Malatya/Turkey  
**Yeliz Kasko Arıcı**, Ordu University, Ordu/Turkey

## *Graphic Designer*

**Ülkü Karaman**, Ordu University, Ordu/Turkey