

## Assoc. Prof. AHMET MERT ERTUNÇ

### Personal Information

Email: ahmetmertertunc@hacettepe.edu.tr

### Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, Turkey 1998 - 2004  
Undergraduate, Ankara University, Tıp Fakültesi, Turkey 1990 - 1997

### Research Areas

Health Sciences, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, 2012 - Continues  
Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, 2010 - 2012

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Comments on "Sigma-1 receptor ligands improves ventricular repolarization-related ion remodeling in rats with major depression disorder".**  
Tumer V., KARADAĞ K., Ertunc M.  
Psychopharmacology, vol.238, no.7, pp.2043-2044, 2021 (Journal Indexed in SCI Expanded)
- II. **Investigation of the Possible Protective Effects of Ketamine and Dantrolene on the Hippocampal Apoptosis and Spatial Learning in Rats Exposed to Repeated Electroconvulsive Seizures as a Model of Status Epilepticus**  
Gursoy I. D. , BARUN S., Erdem R., KESKİN U., Kiziltas M., ATILLA P., Muftuoglu S., YÜCE D., Narin F., Ertunc M., et al.  
TURKISH NEUROSURGERY, vol.30, no.6, pp.871-884, 2020 (Journal Indexed in SCI)
- III. **The effects of acute tension increase on rat esophageal muscle contractions: An in vitro study**  
SOYER T., Kalkisim S., Yalcin S., MÜDERRİSOĞLU A., Tas S. T. , TANYEL F. C. , Ertunc M., Sara Y.  
JOURNAL OF PEDIATRIC SURGERY, vol.50, no.10, pp.1691-1694, 2015 (Journal Indexed in SCI)
- IV. **Salt-sparing diuretic action of a water-soluble urea analog inhibitor of urea transporters UT-A and UT-B in rats**  
Cil O., Esteva-Font C., Tas S. T. , Su T., Lee S., Anderson M. O. , Ertunc M., Verkman A. S.  
KIDNEY INTERNATIONAL, vol.88, no.2, pp.311-320, 2015 (Journal Indexed in SCI)
- V. **L-Carnitine Pretreatment Protects Slow-Twitch Skeletal Muscles in a Rat Model of Ischemia-Reperfusion Injury**  
Demirel M., Kaya B., Cerkez C., Ertunc M., Sara Y.  
VASCULAR AND ENDOVASCULAR SURGERY, vol.47, no.7, pp.540-545, 2013 (Journal Indexed in SCI)
- VI. **Ureterovesical junction obstruction causes increment in smooth muscle contractility, and cholinergic and adrenergic activity in distal ureter of rabbits**  
Yalcin S., Ertunc M., ARDIÇLI B., Kabakus I. M. , Tas T. S. , Sara Y., Onur R., KARNAK İ.  
JOURNAL OF PEDIATRIC SURGERY, vol.48, no.9, pp.1954-1961, 2013 (Journal Indexed in SCI)

- VII. **The role of adenosine receptors on amitriptyline-induced electrophysiological changes on rat atrium**  
Kalkan S., Oransay K., Bal I., Ertunc M., Sara Y., Iskit A. B.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.32, no.1, pp.62-69, 2013 (Journal Indexed in SCI)
- VIII. **The diuretic effect of urea analog dimethylthiourea in female Wistar rats**  
Cil O., Ertunc M., Onur R.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.31, no.10, pp.1050-1055, 2012 (Journal Indexed in SCI)
- IX. **Endothelial Dysfunction and Increased Responses to Renal Nerve Stimulation in Rat Kidneys during Rhabdomyolysis-Induced Acute Renal Failure: Role of Hydroxyl Radical**  
Cil O., Ertunc M., Gucer K. Ş., Ozaltin F., Iskit A. B., Onur R.  
RENAL FAILURE, vol.34, no.2, pp.211-220, 2012 (Journal Indexed in SCI)
- X. **Exercise and suspension hypokinesia-induced alterations in mechanical properties of rat fast and slow-twitch skeletal muscles**  
Ertunc M., Atalay A., Yildirim M., Onur R.  
ACTA PHYSIOLOGICA HUNGARICA, vol.97, no.3, pp.316-325, 2010 (Journal Indexed in SCI)
- XI. **Amiloride Enhances Neuronal Excitability of CA1 Pyramidal Neurons in The Anesthetized Rat**  
Sara Y., Ertunc M., Bozdagi O., Onur R.  
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.27, no.3, pp.282-291, 2010 (Journal Indexed in SCI)
- XII. **The effects of pentoxifylline on skeletal muscle contractility and neuromuscular transmission during hypoxia**  
Simsek-Duran F., Ertunc M., Onur R.  
INDIAN JOURNAL OF PHARMACOLOGY, vol.41, no.5, pp.213-217, 2009 (Journal Indexed in SCI)
- XIII. **Differential Contractile Impairment of Fast- and Slow-Twitch Skeletal Muscles in a Rat Model of Doxorubicin-Induced Congestive Heart Failure**  
Ertunc M., Sara Y., Onur R.  
PHARMACOLOGY, vol.84, no.4, pp.240-248, 2009 (Journal Indexed in SCI)
- XIV. **Spontaneous and evoked glutamate release activates two populations of NMDA receptors with limited overlap**  
Atasoy D., Ertunc M., Moulder K. L., Blackwell J., Chung C., Su J., Kavalali E. T.  
JOURNAL OF NEUROSCIENCE, vol.28, no.40, pp.10151-10166, 2008 (Journal Indexed in SCI)
- XV. **MEF2C, a transcription factor that facilitates learning and memory by negative regulation of synapse numbers and function**  
Barbosa A. C., Kim M., Ertunc M., Adachi M., Nelson E. D., McAnally J., Richardson J. A., Kavalali E. T., Monteggia L. M., Bassel-Duby R., et al.  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.105, no.27, pp.9391-9396, 2008 (Journal Indexed in SCI)
- XVI. **Cholesterol-dependent balance between evoked and spontaneous synaptic vesicle recycling**  
Wasser C. R., Ertunc M., Liu X., Kavalali E. T.  
JOURNAL OF PHYSIOLOGY-LONDON, vol.579, no.2, pp.413-429, 2007 (Journal Indexed in SCI)
- XVII. **Glibenclamide attenuates the antiarrhythmic effect of endotoxin with a mechanism not involving K-ATP channels**  
Iskit A. B., Erkent U., Ertunc M., Guc M., Ilhan M., Onur R.  
VASCULAR PHARMACOLOGY, vol.46, no.2, pp.129-136, 2007 (Journal Indexed in SCI)
- XVIII. **Fast synaptic vesicle reuse slows the rate of synaptic depression in the CA1 region of hippocampus**  
Ertunc M., Sara Y., Chung C., Atasoy D., Virmani T., Kavalali E. T.  
JOURNAL OF NEUROSCIENCE, vol.27, no.2, pp.341-354, 2007 (Journal Indexed in SCI)
- XIX. **Phorbol esters target the activity-dependent recycling pool and spare spontaneous vesicle recycling**  
Virmani T., Ertunc M., Sara Y., Mozhayeva M., Kavalali E.  
JOURNAL OF NEUROSCIENCE, vol.25, no.47, pp.10922-10929, 2005 (Journal Indexed in SCI)
- XX. **Reelin modulates NMDA receptor activity in cortical neurons**  
Chen Y., Beffert U., Ertunc M., Tang T., Kavalali E., Bezprozvanny I., Herz J.  
JOURNAL OF NEUROSCIENCE, vol.25, no.36, pp.8209-8216, 2005 (Journal Indexed in SCI)

- XXI. **Anti-androgen induced inhibition of testicular descent is associated with a decrease in sympathetic tonus**  
TANYEL F. C. , ERTUNC M., Ekinci S., YILDIRIM M., ONUR R.  
EUROPEAN JOURNAL OF PEDIATRIC SURGERY, vol.15, no.4, pp.273-278, 2005 (Journal Indexed in SCI)
- XXII. **The role of nitric oxide on contractile impairment during endotoxemia in rat diaphragm muscle**  
Sara Y., Ertunc M., Onur R.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.505, no.1-3, pp.177-186, 2004 (Journal Indexed in SCI)
- XXIII. **Evaluation of pelvic contractility in ureteropelvic junction obstruction: An experimental study**  
Ekinci S., ERTUNC M., CIFTCI A. Ö. , Senocak M. E. , Senocak M. E. , BUYUKPAMUKCU N., ONUR R.  
EUROPEAN JOURNAL OF PEDIATRIC SURGERY, vol.14, no.2, pp.93-99, 2004 (Journal Indexed in SCI)
- XXIV. **Chemical sympathectomy by 6-OH dopamine during fetal life results in inguinal testis through altering cremasteric contractility in rats**  
TANYEL F. C. , ERTUNC M., Ekinci S., OTCU S., YILDIRIM M., ONUR R.  
JOURNAL OF PEDIATRIC SURGERY, vol.38, no.11, pp.1628-1632, 2003 (Journal Indexed in SCI)
- XXV. **Mechanisms involved in contractile differences among cremaster muscles according to localization of testis**  
Tanyel F. C. , Ertunc M., Buyukpamukcu N., Onur R.  
JOURNAL OF PEDIATRIC SURGERY, vol.36, no.10, pp.1551-1560, 2001 (Journal Indexed in SCI)
- XXVI. **Increased intra-abdominal pressure alters the contractile properties of rabbit bladder**  
Bingol-Kologlu M., Sara Y., Ertunc M., Onur R., Buyukpamukcu N., Tanyel F. C.  
BJU INTERNATIONAL, vol.85, no.3, pp.336-340, 2000 (Journal Indexed in SCI)
- XXVII. **Lack of carbachol response indicates the absence of cholinergic receptors in sacs associated with undescended testis**  
Tanyel F. C. , Sara Y., Ertunc M., Onur R., Buyukpamukcu N.  
JOURNAL OF PEDIATRIC SURGERY, vol.34, no.9, pp.1339-1344, 1999 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **In Vitro Özofagus Geriminin Özofagus Düz Kas Kontraksiyon Yanıtlarına Etkisi**  
Soyer T., Sara M. Y. , Ertunç A. M. , Kalkışım S. N. , Müderrisoğlu A., Tanyel F. C.  
32. Ulusal Çocuk Cerrahisi Kongresi ve 18. Ulusal Çocuk Cerrahisi Hemşireliği Kongresi, Trabzon, Turkey, 17 - 20 September 2014
- II. **Lack of carbachol response indicates the absence of cholinergic receptors in sacs associated with undescended testis**  
Tanyel F. C. , Ertunç A. M. , Onur E. R. , Büyükpamukçu N.  
10th Annual Meeting of the European Society of Pediatric Urology (ESPU), İstanbul, Turkey, 15 - 17 April 1999

## Supported Projects

ERTUNÇ A. M. , Project Supported by Higher Education Institutions, Sıçanda Rabdomiyolize Bağlı Akut Böbrek Yetmezliğinde Nefrotoksik Etki Mekanizmalarının ve Renal Vasküler Yanıtların İncelenmesi, 2010 - 2018

## Citations

Total Citations (WOS):820

h-index (WOS):10