

## Prof. Ayhan Bozkurt

### Personal Information

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### International Researcher IDs

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ScopusID: 35561472800

Yoksis Researcher ID: 15852

### Education Information

Doctorate, Marmara University, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), Turkey 1997 - 2001

Postgraduate, Marmara University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli), Turkey 1994 - 1997

Undergraduate, Marmara University, Atatürk Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1989 - 1994

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, İleal fren mekanizmasında endojen GLP-1'xxin rolü ve otonom sinir sistemi ile CCK-A reseptörlerinin bu mekanizmaya katılımı, Marmara University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli), 2001

Doctorate, Uyanık sıçanda incebarsak motilitesinin elektromiyografik ölçümü, Marmara University, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), 1997

### Research Areas

Medicine, Fundamental Medical Sciences, Human Physiology, Neurophysiology

### Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2012 - Continues

Associate Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2005 - 2012

Assistant Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2003 - 2005

Research Assistant, Marmara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1994 - 2001

## Courses

Metabolizma Fizyolojisi, Doctorate, 2013 - 2014  
Fizyoloji (Sağlık Yüksekokulu Ebelik Bölümü), Undergraduate, 2013 - 2014  
İleri Sindirim Fizyolojisi, Doctorate, 2013 - 2014  
Fizyoloji (Sağlık Yüksekokulu Hemşirelik Bölümü), Undergraduate, 2013 - 2014  
Solunum Fizyolojisi, Doctorate, 2013 - 2014  
Fizyoloji (Tıp Fakültesi), Undergraduate, 2013 - 2014  
Fizyoloji (Diş Hekimliği Fakültesi), Undergraduate, 2013 - 2014  
Sindirim Fizyolojisi, Postgraduate, 2013 - 2014

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Role of Oxytocin in Small Intestinal Fasted Myoelectric Activity of Rats**  
Saltik O. D., Hatipoğlu B., Yazici E., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.237, pp.31, 2023 (SCI-Expanded)
- II. **The Role of Alpha Adrenergic Receptors in the Antinociceptive Effect of Bupropion in Visceral Pain**  
Yesilyurt I., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.234, pp.72, 2022 (SCI-Expanded)
- III. **Role of Peripheral CB1 Receptors in Small Intestinal Fasted Myoelectric Activity of Rats**  
Saltik O. D., Arslan G., Açar E., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.234, pp.47, 2022 (SCI-Expanded)
- IV. **Antinociceptive Effects of Intrathecal Oxytocin Administration on Visceral Pain Induced By Colorectal Distension in Rats**  
Ayçık F., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.234, pp.24, 2022 (SCI-Expanded)
- V. **Tofacitinib enhances remyelination and improves myelin integrity in cuprizone-induced mice**  
Gunaydin C., Önger M. E., Avcı B., Bozkurt A., Terzi M., Bilge S. S.  
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.43, no.6, pp.790-798, 2021 (SCI-Expanded)
- VI. **Neuroprotective action of agmatine in rotenone-induced model of Parkinson's disease: Role of BDNF/cREB and ERK pathway**  
Bilge S. S., Günaydin C., Önger M. E., Bozkurt A., Avcı B.  
Behavioural Brain Research, vol.392, 2020 (SCI-Expanded)
- VII. **Possible Mechanism of Agmatine in Rotenone-Induced Parkinson's Disease Model in Rats**  
Gunaydin C., Bilge S. S., Önger M. E., Bozkurt A., Avcı B.  
ACTA PHYSIOLOGICA, vol.227, pp.86, 2019 (SCI-Expanded)
- VIII. **Investigation of the Role of Opioidergic and Nicotineric System in Antinociceptive Effect of Nicotine in Visceral Pain Model Induced by Colorectal Distension in Rats**  
Balci H., Darakci O., Akyuz B., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.227, pp.85, 2019 (SCI-Expanded)
- IX. **The Role of Opioid Receptors in the Antinociceptive Effect of Oxytocin in Visceral Pain Induced By Colorectal Distension**  
Ayçık F., Yesilyurt I., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.227, pp.85, 2019 (SCI-Expanded)
- X. **Effects of agomelatine in rotenone-induced Parkinson's disease in rats**  
Gunaydin C., Avcı B., Bozkurt A., Önger M. E., Balci H., Bilge S. S.  
NEUROSCIENCE LETTERS, vol.699, pp.71-76, 2019 (SCI-Expanded)
- XI. **Spexin Distrupts Fasted Myoelectric Activity Through Galanin-2 Receptors in Conscious Rats**  
Darakci O., Balci H., Bige S. S., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.225, pp.17, 2018 (SCI-Expanded)
- XII. **Protective effects of dietary omega-3 fatty acid supplementation on organophosphate poisoning**  
Avcı B., Bilge S. S., ARSLAN G., Alici O., Darakci O., Baratzada T., Çiftcioğlu E., Yardan T., Bozkurt A.

TOXICOLOGY AND INDUSTRIAL HEALTH, vol.34, no.2, pp.69-82, 2018 (SCI-Expanded)

- XIII. **Opioid Receptors Contribute to Antinociceptive Effect of Tianeptine on Colorectal Distension-Induced Visceral Pain in Rats**  
Bilge S. S., Ilkaya F., Darakci O., Çiftcioğlu E., Bozkurt A.  
PHARMACOLOGY, vol.101, no.1-2, pp.96-103, 2018 (SCI-Expanded)
- XIV. **Some Novel Mannich Bases of 5-(3,4-Dichlorophenyl)-1,3,4-oxadiazole-2(3H)-one and Their Anti-Inflammatory Activity**  
KÖKSAL M., Ozkan-Dagliyan I., Ozyazici T., Kadioglu B., SİPAHİ H., Bozkurt A., Bilge S. S.  
ARCHIV DER PHARMAZIE, vol.350, no.9, 2017 (SCI-Expanded)
- XV. **Venlafaxine Inhibits Detrusor Contractions in Rats: A Role for Extracellular Calcium**  
Bilge S. S., Akyuz B., Arslan D. G., Balci H., Darakci O., Bozkurt A.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.13, no.6, pp.612-619, 2017 (SCI-Expanded)
- XVI. **Evaluation of Postoperative Anti-nociceptive Efficacy of Intrathecal Dexketoprofen in Rats**  
Er B. M., Kocamanoglu İ. S., Bozkurt A., Bilge S. S., Cetinoglu E. C.  
BALKAN MEDICAL JOURNAL, vol.33, no.3, pp.245-251, 2016 (SCI-Expanded)
- XVII. **Effect of nonsteroidal anti-inflammatory drugs on colorectal distension-induced visceral pain**  
Baskin V., Bilge S. S., Bozkurt A., Akyuz B., Agri A., Guzel H., Ilkaya F.  
INDIAN JOURNAL OF PHARMACOLOGY, vol.48, no.2, pp.150-154, 2016 (SCI-Expanded)
- XVIII. **Protective Effects of Omega-3 Fatty Acid Supplementation on Organic Phosphorus Pesticide Poisoning**  
Avcı B., Bilge S. S., ARSLAN G., Baratzada T., Darakci O., Çiftcioğlu E., Yardan T., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.215, pp.98-99, 2015 (SCI-Expanded)
- XIX. **The Effect of Spexin on the Contractility of Isolated Rat Small Intestine**  
Darakci O., Akyuz B., Bilge S. S., Bozkurt A.  
ACTA PHYSIOLOGICA, vol.215, pp.57-58, 2015 (SCI-Expanded)
- XX. **Effects of ankaferd blood stopper on cutaneous wound healing: experimental study**  
Ozati D., Kelahmetoglu O., Bozkurt A., Tayfur V., Bilge S., Buyukkaya P., Yildiz L., Fisgin T.  
JOURNAL OF THROMBOSIS AND HAEMOSTASIS, pp.772, 2015 (SCI-Expanded)
- XXI. **The antinociceptive effect of intravenous imipramine in colorectal distension-induced visceral pain in rats: The role of serotonergic and noradrenergic receptors**  
Ilkaya F., Bilge S. S., Bozkurt A., Bas D. B., Erdal A., Çiftcioğlu E., Kesim Y.  
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.122, pp.1-6, 2014 (SCI-Expanded)
- XXII. **Intracerebroventricular Application of Dexmedetomidine Produces Antinociception and Does not Cause Neurotoxicity in Rats**  
Köksal E., Karakaya D., Can Meydan B., Bozkurt A., Barış S., Bilge S. S., Üstün Y. B.  
BALKAN MEDICAL JOURNAL, vol.30, no.4, pp.355-361, 2013 (SCI-Expanded)
- XXIII. **Evaluation of Antinociceptive and Neurotoxic Effects of Intrathecal Dexmedetomidine in Rats**  
Isguzar O., Barış S., Bozkurt A., Can Meydan B., Bilge S. S., Ture H.  
BALKAN MEDICAL JOURNAL, vol.29, no.4, pp.354-357, 2012 (SCI-Expanded)
- XXIV. **The antinociceptive effects of intravenous tianeptine in colorectal distension-induced visceral pain in rats: The role of 5-HT<sub>3</sub> receptors**  
Bilge S. S., Bozkurt A., Ilkaya F., Çiftcioğlu E., Kesim Y., Uzbay T. I.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.681, no.1-3, pp.44-49, 2012 (SCI-Expanded)
- XXV. **Studies on Synthesis and Anti-inflammatory Activities of Novel 1,2,4-Triazolo[3,4-b]-1,3,4-thiadiazines**  
KÖKSAL M., Ozkan I., YARIM YÜKSEL M., Bilge S. S., Bozkurt A., Erol D. D.  
REVISTA DE CHIMIE, vol.62, no.11, pp.1069-1072, 2011 (SCI-Expanded)
- XXVI. **The role of heart-type fatty acid-binding protein in the evaluation of carbon monoxide poisoning in rats**  
Yardan T., Meriç M., Bozkurt A., Bilge S. S., Bas D. B., Bedir A., Ozdemir T., Baydm A.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.30, no.2, pp.124-128, 2011 (SCI-Expanded)

- XXVII. **Time Course of Serum S100B Protein and Neuron-Specific Enolase Levels of a Single Dose of Chlorpyrifos in Rats**  
Bozkurt A., Yardan T., Çiftcioğlu E., Baydın A., Haklıgor A., Bitigic M., Bilge S. S.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.107, no.5, pp.893-898, 2010 (SCI-Expanded)
- XXVIII. **Effect of prenatal levetiracetam exposure on motor and cognitive functions of rat offspring**  
Ozyurek H., Bozkurt A., Bilge S. S., Çiftcioğlu E., İlkaya F., Bas D. B.  
BRAIN & DEVELOPMENT, vol.32, no.5, pp.396-403, 2010 (SCI-Expanded)
- XXIX. **The Antinociceptive Effects of Intravenous Dexmedetomidine in Colorectal Distension-Induced Visceral Pain in Rats: The Role of Opioid Receptors**  
Ülger F., Bozkurt A., Bilge S. S., İlkaya F., Dilek A., Bostanci M. O., Çiftcioğlu E., Gündoğuş F.  
ANESTHESIA AND ANALGESIA, vol.109, no.2, pp.616-622, 2009 (SCI-Expanded)
- XXX. **Protective effect of vitamin A on ARA-C induced intestinal damage in mice**  
Elli M., Aydın O., Bilge S. S., Bozkurt A., Dağdemir A., Pinarlı F. G., Acar S.  
TUMORI JOURNAL, vol.95, no.1, pp.87-90, 2009 (SCI-Expanded)
- XXXI. **Effects of Different Probiotics in Indomethacin-Induced Inflammatory Bowel Disease in Rats**  
YAVUZ H. H., Gulbahar M. Y., Yavuz O., Bozkurt A., Terzi G.  
DEUTSCHE TIERARZTLICHE WOCHENSCHRIFT, vol.116, no.1, pp.11-18, 2009 (SCI-Expanded)
- XXXII. **ANTINOCICEPTIVE EFFECT OF IMIPRAMINE IN COLORECTAL DISTENSION INDUCED VISCERAL PAIN**  
Kesim Y., İlkaya F., Bilge S. S., Bas D. B., Çiftcioğlu E., Celik S., Bozkurt A.  
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.59, pp.378, 2009 (SCI-Expanded)
- XXXIII. **Chronic treatment with fluoxetine and sertraline prevents forced swimming test-induced hypercontractility of rat detrusor muscle**  
Bilge S. S., Bozkurt A., Bas D. B., Aksoz E., Savli E., İlkaya F., Kesim Y.  
PHARMACOLOGICAL REPORTS, vol.60, no.6, pp.872-879, 2008 (SCI-Expanded)
- XXXIV. **Synthesis, Characterization and Anti-inflammatory Activity of New 5-(3,4-Dichlorophenyl)-2-(aroylmethyl)thio-1,3,4-oxadiazoles**  
KÖKSAL M., Bilge S. S., Bozkurt A., Sahin Z. S., Isik S., Erol D. D.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.58, no.10, pp.510-514, 2008 (SCI-Expanded)
- XXXV. **Mediators of glucagon-like peptide 2-induced blood flow: Responses in different vascular sites**  
BÖRÜ M. D., Bozkurt A., KURTEL H.  
Regulatory Peptides, vol.142, no.1-2, pp.7-15, 2007 (SCI-Expanded)
- XXXVI. **Effect of sex steroids on colonic distension-induced delay of gastric emptying in rats**  
Gunal O., Bozkurt A., Deniz M., Sungur M., Yegen B.  
JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, vol.19, no.9, pp.975-981, 2004 (SCI-Expanded)
- XXXVII. **The anti-inflammatory effect of leptin on experimental colitis: Involvement of endogenous glucocorticoids**  
Çakir B., Bozkurt A., ERCAN F., YEGEN B.  
Peptides, vol.25, no.1, pp.95-104, 2004 (SCI-Expanded)
- XXXVIII. **Anti-inflammatory effects of leptin and cholecystokinin on acetic acid-induced colitis in rats: Role of capsaicin-sensitive vagal afferent fibers**  
Bozkurt A., Çakir B., ERCAN F., YEGEN B.  
Regulatory Peptides, vol.116, no.1-3, pp.109-118, 2003 (SCI-Expanded)
- XXXIX. **Effect of Agmatine on Acute and Mononeuropathic Pain**  
ARICIOĞLU F., Korcegez E., Bozkurt A., Ozyalcin S.  
Annals of the New York Academy of Sciences, vol.1009, pp.106-115, 2003 (SCI-Expanded)
- XL. **GLP-1 and GLP-2 act in concert to inhibit fasted, but not fed, small bowel motility in the rat**  
Bozkurt A., Näslund E., Holst J. J., Hellström P. M.  
Regulatory Peptides, vol.107, no.1-3, pp.129-135, 2002 (SCI-Expanded)
- XLI. **Tachykinin-stimulated small bowel myoelectric pattern: Sensitization by NO inhibition, reversal by neurokinin receptor blockade**  
Schmidt P. T., Bozkurt A., Hellström P. M.

- Regulatory Peptides, vol.105, no.1, pp.15-21, 2002 (SCI-Expanded)
- XLII. **Endothelin receptor blockers reduce, I/R-induced intestinal mucosal injury: Role of blood flow**  
Oktar B. K., Ali Guülpinar M., Bozkurt A., Ghandour S., ÇETİNEL Ş., Moini H., Yegçen B. Ç., Bilsel S., Neil Granger D., KURTEL H.  
American Journal of Physiology - Gastrointestinal and Liver Physiology, vol.282, no.4 45-4, 2002 (SCI-Expanded)
- XLIII. **Inflammatory response to cold injury in remote organs is reduced by corticotropin-releasing factor**  
Bozkurt A., Ghandour S., Okboy N., Öner S., Arbak S., Coşkun T., YEGEN B.  
Regulatory Peptides, vol.99, no.2-3, pp.131-139, 2001 (SCI-Expanded)
- XLIV. **Estrogens ameliorate remote organ inflammation induced by burn injury in rats**  
Özveri E., Bozkurt A., HAKLAR G., ÇETİNEL Ş., Arbak S., YEGEN Ş. C., YEGEN B.  
Inflammation Research, vol.50, no.12, pp.585-591, 2001 (SCI-Expanded)
- XLV. **Glucagon-like peptide (GLP-1) is involved in the central modulation of fecal output in rats**  
GÜLPINAR M. A., Bozkurt A., Coşkun T., Ulusoy N. B., YEGEN B.  
American Journal of Physiology - Gastrointestinal and Liver Physiology, vol.278, no.6 41-6, 2000 (SCI-Expanded)
- XLVI. **Cefaclor, a cephalosporin antibiotic, delays gastric emptying rate by a CCK-A receptor-mediated mechanism in the rat**  
Bozkurt A., BÖRÜ M. D., YEGEN B.  
British Journal of Pharmacology, vol.131, no.3, pp.399-404, 2000 (SCI-Expanded)
- XLVII. **Endothelin-1-induced PMN infiltration and mucosal dysfunction in the rat small intestine**  
Oktar B. K., Coşkun T., Bozkurt A., YEGEN B., YÜKSEL M., HAKLAR G., Bilsel S., Aksungar F. B., ÇETİNEL Ş., Neil Granger D., et al.  
American Journal of Physiology - Gastrointestinal and Liver Physiology, vol.279, no.3 42-3, 2000 (SCI-Expanded)
- XLVIII. **Capsaicin-sensitive vagal fibres and 5-HT<sub>3</sub>-, gastrin releasing peptide- and cholecystokinin A-receptors are involved in distension-induced inhibition of gastric emptying in the rat**  
Bozkurt A., Oktar B. K., KURTEL H., Alican I., Coşkun T., YEGEN B.  
Regulatory Peptides, vol.83, no.2-3, pp.81-86, 1999 (SCI-Expanded)
- XLIX. **Role of nitric oxide in indomethacin-induced gastric mucosal dysfunction in the rat**  
Gürbüz V., Alican I., YEGEN B., Bozkurt A., Oktar B., HAKLAR G., YÜKSEL M., KURTEL H.  
Experimental Physiology, vol.84, no.2, pp.319-332, 1999 (SCI-Expanded)
- L. **Adenosine protects against indomethacin-induced gastric damage in rats**  
Bozkurt A., YÜKSEL M., HAKLAR G., KURTEL H., YEGEN B., Alican I.  
Digestive Diseases and Sciences, vol.43, no.6, pp.1258-1263, 1998 (SCI-Expanded)
- LI. **Pathways mediating CRF-induced inhibition of gastric emptying in rats**  
Coşkun T., Bozkurt A., Alican I., Özkutlu U., KURTEL H., YEGEN B.  
Regulatory Peptides, vol.69, no.3, pp.113-120, 1997 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Antinociceptive effect of bupropion on visceral pain and its mechanism of action**  
yesilyurt i., Darakcı Ö., Bozkurt A.  
Cukurova Medical Journal, vol.49, no.2, pp.415-423, 2024 (ESCI)
- II. **Structure and functions of spexin as a new neuroendocrine signal**  
Darakci Saltik Ö., Bozkurt A.  
Journal of Experimental and Clinical Medicine (Turkey), vol.39, no.3, pp.893-900, 2022 (Scopus)
- III. **Role of cannabinoid receptor-2 in small intestinal fasted myoelectric activity of rats**  
Darakci Saltik Ö., Arslan G., Ağar E., Bozkurt A.  
Journal of Experimental and Clinical Medicine (Turkey), vol.39, no.3, pp.848-856, 2022 (Scopus)
- IV. **Synthesis and anti-inflammatory activities of novel 5-(3,4-dichlorophenyl)-3-[(4-substitutedpiperazin-1-yl)methyl]-1,3,4-oxadiazole-2(3H)-thiones**  
Koksal M., Yarim M., Erdal A., Bozkurt A.

Drug Research, vol.64, no.2, pp.66-72, 2014 (Scopus)

- V. **GLUCAGON-LIKE PEPTIDE-2 INDUCED HEMODYNAMIC ALTERATIONS IN THE RAT SMALL INTESTINE**  
Deniz M., Bozkurt A., KURTEL H.  
MARMARA MEDICAL JOURNAL, vol.18, no.2, pp.59-63, 2005 (ESCI)
- VI. **Glucagon like peptide 2 induced hemodynamic alternations in the rat small intestine**  
DENİZ M., BOZKURT A., KURTEL H.  
Marmara Medical Journal, vol.18, no.2, pp.59-63, 2005 (Peer-Reviewed Journal)
- VII. **The effect of steroids on the aortic endothelium of rats with thermal injury**  
ÇETİNEL Ş., ÖZVERİ E. S., BOZKURT A., HAKLAR G., ŞAN T., YEGEN B.  
Marmara Medical Journal, vol.16, no.2, pp.97-102, 2003 (Scopus)
- VIII. **Lokal soğuk travmasının uzak organ etkileri nötrofillerin rolü**  
OKBOY N., ÇETİN G., YEGEN B., BOZKURT A., PAKIŞ I.  
Adli Tıp Dergisi, vol.15, no.1, pp.1-9, 2001 (Peer-Reviewed Journal)
- IX. **Glucagon-like peptide-1 inhibits gastric emptying via vagal afferent- mediated central mechanisms**  
Imeryüz N., YEGEN B., Bozkurt A., Coşkun T., Villanueva-Penacarrillo M. L., Ulusoy N. B.  
American Journal of Physiology - Gastrointestinal and Liver Physiology, vol.273, no.4 36-4, 1997 (Scopus)
- X. **Inhibitory effects of gastrin releasing peptide on gastric emptying in rats**  
YEGEN B., Gürbüz V., Coşkun T., Bozkurt A., KURTEL H., Alican I., Dockray G. J.  
Regulatory Peptides, vol.61, no.3, pp.175-180, 1996 (Scopus)

## Books & Book Chapters

- I. **Gastrointestinal Sistem Fizyolojisine Bakış**  
BOZKURT A.  
in: Güncel Farmakoloji Fizyoloji Temelinde Hasta Odaklı Yaklaşım, Prof. Dr. Göksel Şener, Prof. Dr. Zafer Gören, Prof. Dr. Betül Okuyan, Prof. Dr. Berrak Çağlayan Yeğen, Editor, Güneş Tıp Kitabevleri, İstanbul, pp.365-376, 2022
- II. **Sindirim Sisteminde Motilite**  
BOZKURT A.  
in: İnsan Fizyolojisi, AĞAR Erdal, AYYILDIZ Mustafa, KURDAK Sanlı Sadi, DİNÇER Sibel, KELEŞTİMUR Haluk, KAHVECİ Nevzat, AYAR Ahmet, BOR-KÜÇÜKATAY Melek, TOKLU Akın Savaş, ŞAHİN Emine Gülderen, YILMAZ Bayram, ERGENE Neyhan, KÜÇÜKATAY Vural, ÇAĞLAYAN YEĞEN Berrak, ERMUTLU Mehmet Numan, DEMİRALP Tamer, KUTLU Selim, KOYLU Ersin Oğuz, ÖZTÜRK Güler, İŞOĞLU ALKOÇ Ümmühan, ÖZTÜRK Güler, Editor, İstanbul Tıp Kitabevleri, İstanbul, pp.459-478, 2021
- III. **Dolaşımın Sinirsel Düzenlenmesi ve Arter Basıncının Hızlı kontrolü**  
BOZKURT A.  
in: Guyton ve Hall Tıbbi Fizyoloji, Hall JH, Hall ME, Editor, Güneş Tıp Kitabevleri, Ankara, pp.217-228, 2021
- IV. **Arter Basıncının Uzun Süreli Kontrolü ve Hipertansiyonda Böbreklerin Rolü: Arter Basıncının Düzenlenmesinde Entegre Sistem**  
BOZKURT A.  
in: Guyton ve Hall Tıbbi Fizyoloji, YEĞEN Berrak Çağlayan, Editor, Güneş Tıp Kitabevleri, pp.227-243, 2017
- V. **Nörogastroenteroloji ve Motilite**  
BOZKURT A.  
in: Tıbbi Fizyoloji Klinik Tıbbın Temelleri, AĞAR Erdal, Editor, İstanbul Tıp Kitabevleri, pp.471-504, 2017
- VI. **Görmenin nörobiyolojisi (Bölüm 53)**  
GÖLGELİ A., BAKTIR M. A., GÜL M., KAHVECİ N., GÜNDOĞAN N. Ü., EMRE M. H., ATEŞ N., KAYATEKİN B. M., AÇIKGÖZ O., UYSAL HARZADIN N., et al.  
in: Guyton ve Hall Tıbbi Fizyoloji, Prof. Dr. Berrak Ç. Yeğen, Editor, Güneş Kitabevi, İstanbul, pp.200-211, 2017
- VII. **solunumun düzenlenmesi**  
AĞAR E., AYYILDIZ M., YILDIRIM M., TAMER A. Ş., HİM A., ÖZCAN M., BAL R., bağırırcı f., AYDOĞDU N., BÜLBÜL M., et al.

in: Tıbbi Fizyoloji klinik tıbbın temelleri, Erdal AĞAR, Editor, istanbul TIP kitabevleri, pp.382-398, 2017

**VIII. İmmünoloji, Organ Etkileşimleri ve Homeostaz**

HİM A., ARSLAN G., ÖZCAN M., BAL R., BAĞIRICI F., AYYILDIZ M., YILDIRIM M., AYDOĞDU N., BÜLBÜL M., KÜÇÜKATAY Z. M., et al.

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**IX. Arter Basıncının Uzun Süreli Kontrolü ve Hipertansiyonda Böbreklerin Rolü: Arter Basıncının Düzenlenmesinde Entegre Sistem**

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