

Prof. Ayşe Şule TAMER

Personal Information

Office Phone: [+90 212 414 2000](tel:+902124142000) Extension: 32600

Email: tamers@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/1019/>

Education Information

Doctorate, İstanbul Üniversitesi, Health Sciences Institute, Fizyoloji, Turkey 1985 - 1989

Dissertations

Post Graduate, Ghrelinin Sepsis oluşturulmuş Sıçanlarda Karaciğer Dokusu Üzerine Etkileri , İstanbul University, Temel Tıp Bilimleri, Fizyoloji, 2014

Expertise In Medicine, Hiperlipidemik hastalarda HMG_KoA redüktaz inhibisyonunun hemoreolojik parametrelere etkisi, İstanbul University, Temel Tıp Bilimleri, Fizyoloji, 2003

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology

Academic Titles / Tasks

Professor, İstanbul University, İstanbul Medical Faculty, Basic Medical Sciences, 1985 - Continues

Professional Experience

Deputy Head of Department, İstanbul Üniversitesi, İstanbul Medical Faculty, Temel Tıp Bilimleri, 2011 - Continues

Advising Theses

TAMER A. Ş. , Ghrelinin Sepsis oluşturulmuş Sıçanlarda Karaciğer Dokusu Üzerine Etkileri, Post Graduate, g.ateş(Student), 2014

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

- I. **Effects of Melatonin on Brain Damage and Synaptic Transmission in Septic Rats**
Ulucay G. A. , Gundogan G. I. , Ozkok E., Yorulmaz H., Tamer S.
NEUROENDOCRINOLOGY, vol.111, pp.26, 2021 (Journal Indexed in SCI)
- II. **Anti-oxidant effects of melatonin on energy balance and oxidative stress in sepsis-induced rats**
Ozkok E., Ulucay A. G. , Yorulmaz H., Aksu A., Balkis N., Tamer S.

ACTA PHYSIOLOGICA, vol.227, pp.123, 2019 (Journal Indexed in SCI)

- III. **Ghrelin Has Protective Effect on Synaptic Transmission and Neuronal Damage in Sepsis**
Ates G., Ozkok E., Yorulmaz H., Gundogan G., Tamer S.
ACTA PHYSIOLOGICA, vol.227, pp.8, 2019 (Journal Indexed in SCI)
- IV. **Ghrelin: Impact on Muscle Energy Metabolism in Sepsis**
Yorulmaz H., Ozkok E., Ates G., Aksu A., Balkis N., Tamer S.
INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS, vol.24, no.2, pp.259-264, 2018 (Journal Indexed in SCI)
- V. **The effects of Simvastatin on Galectin-3 and TBARS in Lung Tissue during Endotoxemia**
Yorulmaz H., Ulucay G. A. , Kaptan E., Ozkok E., Tamer S.
ACTA PHYSIOLOGICA, vol.221, pp.236, 2017 (Journal Indexed in SCI)
- VI. **Ghrelin prevents skeletal muscle damage in septic rats**
Ates Ulucay G., Yorulmaz H., Unverengi G., Ozkok E., Tamer S.
ACTA PHYSIOLOGICA, vol.221, pp.136-138, 2017 (Journal Indexed in SCI)
- VII. **The impact of pretreatment with simvastatin on kidney tissue of rats with acute sepsis**
Ozkok E., Yorulmaz H., Ates G., Aydin I., Erguven M., Tamer S.
PHYSIOLOGY INTERNATIONAL, vol.104, no.2, pp.158-170, 2017 (Journal Indexed in SCI)
- VIII. **Effects of Ghrelin on Inflammation and Oxidative Stress Parameters in Sepsis-induced Liver Tissue of Rat**
Ateş Uluçay G., ÖZKÖK E., Yorulmaz H., Aydın İ., TAMER A. Ş.
ASIAN JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.12, no.1, pp.17-23, 2017 (Journal Indexed in SCI Expanded)
- IX. **Role of simvastatin in endotoxemia-induced muscle injury**
Yorulmaz H., Ozkok E., Ates G., Aksu A., Balkis N., Tamer S.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.10, pp.6883-6889, 2017 (Journal Indexed in SCI)
- X. **The effects of HMG-COA reductase inhibition on trace elements in early-phase sepsis in rats**
Ulucay G. A. , Yorulmaz H., Ozkok E., Demir G., Yalcin I. E. , Tamer S.
ACTA PHYSIOLOGICA, vol.217, pp.107-108, 2016 (Journal Indexed in SCI)
- XI. **Effects of melatonin on neuromuscular degeneration in early-phase sepsis**
Yorulmaz H., Ozkok E., Ulucay G. A. , Aksu A., Balkis N., Tamer S.
ACTA PHYSIOLOGICA, vol.217, pp.41, 2016 (Journal Indexed in SCI)
- XII. **Investigation of simvastatin on micro and macro element levels in intestinal tissue for during early phase of sepsis**
Yorulmaz H., ÖZKÖK E., Demir G., Yalçın I. E. , Ateş G., Tamer Ş.
Asian Journal of Animal and Veterinary Advances, vol.11, no.8, pp.452-460, 2016 (Journal Indexed in SCI Expanded)
- XIII. **Amelioration of Energy Metabolism by Melatonin in Skeletal Muscle of Rats With LPS Induced Endotoxemia**
Ozkok E., Yorulmaz H., Ates G., Aksu A., Balkis N., Şahin O. A. , Tamer S.
PHYSIOLOGICAL RESEARCH, vol.65, pp.833-842, 2016 (Journal Indexed in SCI)
- XIV. **The effects of ghrelin on oxidative stress parameters in lipopolysaccharide induced sepsis of rats**
Ates G., Ozkok E., Yorulmaz H., Tamer S.
ACTA PHYSIOLOGICA, vol.215, pp.122-123, 2015 (Journal Indexed in SCI)
- XV. **Protective effect of simvastatin on trace minerals in intestinal tissue during early phase of sepsis**
Yorulmaz H., Ozkok E., Ates G., Demir G., Yalcin I. E. , Tamer S.
ACTA PHYSIOLOGICA, vol.215, pp.20, 2015 (Journal Indexed in SCI)
- XVI. **Effects of prior treatment with simvastatin on skeletal muscle structure and mitochondrial enzyme activities during early phases of sepsis**
Ozkok E., Yorulmaz H., Ates G., Serdaroglu-Ofrazier P., Tamer A. Ş.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL PATHOLOGY, vol.7, no.12, pp.8356-8365, 2014

(Journal Indexed in SCI)

- XVII. **The benefits of hormone replacement therapy on plasma and platelet antioxidant status and fatty acid composition in healthy postmenopausal women**
Gokkusu C., Tata G., Ademoglu E., Tamer S.
PLATELETS, vol.21, no.6, pp.439-444, 2010 (Journal Indexed in SCI)
- XVIII. **Melatonin inhibits neural apoptosis induced by homocysteine in hippocampus of rats via inhibition of cytochrome c translocation and caspase-3 activation and by regulating pro- and anti-apoptotic protein levels**
Baydas G., Reiter R., Akbulut M., Tuzcu M., Tamer S.
NEUROSCIENCE, vol.135, no.3, pp.879-886, 2005 (Journal Indexed in SCI)
- XIX. **N-acetyl cysteine therapy in acute viral hepatitis**
Gunduz H., Karabay O., Tamer A. Ş. , Ozaras R., Mert A., Tabak O.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.9, pp.2698-2700, 2003 (Journal Indexed in SCI)
- XX. **Toxicological effect of dental bleaching agents**
Ulukapi H., Birman H., Ulukapi I., Tamer S., Olgac V.
JOURNAL OF DENTAL RESEARCH, vol.80, no.4, pp.1302, 2001 (Journal Indexed in SCI)
- XXI. **Effect of chronic smoking on the rheological behaviour and lipid composition of erythrocytes**
Gokkusu C., Tamer S., Ademoglu E., Palanduz S.
MEDICAL SCIENCE RESEARCH, vol.27, no.12, pp.825-826, 1999 (Journal Indexed in SCI)
- XXII. **Lipid composition and hemorheology in non-insulin dependent diabetes mellitus patients**
Tamer S., Palanduz S., Ademoglu E., Gokkusu C., KAYESERLIOGLU A.
BIOCHEMICAL ARCHIVES, vol.15, no.1, pp.59-67, 1999 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The Improving Effects of Simvastatin on Erythrocyte Membrane Proteins in Endotoxemic Rats**
Yorulmaz H., Ateş G., Özkök E., Albeniz I., Tamer A. Ş.
Journal of Pharmacology & Clinical Toxicology, vol.8, no.2, pp.1-3, 2020 (Refereed Journals of Other Institutions)
- II. **nobel medicus**
TAMER A. Ş. , Palandüz A., İşsever H.
NOBEL MEDICUS, vol.8, no.2, pp.107-110, 2012 (Refereed Journals of Other Institutions)
- III. **The Effects Of Ceftriaxone, Teicoplanin And Meropenem On The Hemorheological Properties**
TAMER A. Ş. , Palandüz A., İşsever H.
NOBEL MEDICUS, vol.8, pp.107-110, 2012 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Solunum Fizyolojisi**
Tamer A. Ş.
in: İnsan Fizyolojisi, Prof. Dr. Erdal Ağar, Editor, İstanbul Tıp Kitabevleri, İstanbul, pp.1-1144, 2020
- II. **Solunumun Kontrolü**
Tamer A. Ş.
in: Tıbbi Fizyoloji-Klinik Tıbbın Temelleri, Prof. Dr. Erdal Ağar, Editor, İstanbul Tıp Kitabevi, İstanbul, pp.382-394, 2017
- III. **İnsan vücudunun işlevsel Organizasyonu ve İç Ortamın Kontrolü**
Birman H., Tamer A. Ş. , Kaya M., Karamürsel S.
in: Genel Fizyoloji, Prof Dr Refik Yiğit, Editor, Nobel Yayın Dağıtım, İstanbul, pp.1-27, 2001

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Melatonin on Brain Damage and Synaptic Transmission in Septic Rat**
Ateş Uluçay G., Gündoğan G. İ. , Özkök E., Yorulmaz H., Tamer A. Ş.
IV. Turkish Neuroendocrinology Congress, Ankara, Turkey, 26 - 28 November 2020, pp.40
- II. **Sepsis Oluşturulmuş Sıçanların Beyin Dokusunda Ghrelin'in Enerji Metabolizması Üzerine Etkileri**
Tamer A. Ş. , Özkök E., Ateş G., Yorulmaz H., Çağlar N., Aksu A.
18. Ulusal Sinirbilim Kongresi, Ankara, Turkey, 6 - 09 November 2020, pp.104
- III. **Anti-oxidant effects of melatonin on energy balance and oxidative stress in sepsis-induced rats**
Özkök E., Ateş Uluçay G., Yorulmaz H., Aksu A., Çağlar N., Tamer A. Ş.
Federation of European Physiological Society, Bologna, Italy, 10 - 13 September 2019, vol.227, no.718, pp.123
- IV. **Ghrelin Has Protective Effect on Synaptic Transmission and Neuronal Damage in Sepsis**
Ateş Uluçay G., Özkök E., Yorulmaz H., Gündoğan G. İ. , Tamer A. Ş.
Federation of European Physiological Society, Bologna, Italy, 10 - 13 September 2019, vol.227, no.718, pp.8
- V. **Effects of Simvastatin on Antioxidant Enzymes Chain And Lung Tissue in Sepsis Induced Rats**
Özkök E., Ateş Uluçay G., Yorulmaz H., Tamer A. Ş.
VII. International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 07 September 2019, pp.1-2
- VI. **Melatonin's Impact on Lung Tissue of Rats with LPS-Induced Endotoxemia**
Yorulmaz H., Ateş Uluçay G., Özkök E., MUTLU GÜNER S., OLGAC N. V. , TAMER A. Ş.
VI. Uluslararası Moleküler Tıp Kongresi, İstanbul, Turkey, 22 - 25 May 2017, pp.269
- VII. **Protective effect of Simvastatin on Trace Minerals in Intestinal Tissue during Early Phase of Sepsis**
TAMER A. Ş. , ÖZKÖK E., ATEŞ G., YORULMAZ H.
Congress of Endothelium Damage in Health and Disease. Copenhagen- Denmark 2015. Acta Physiologica-Supplement, Nyborg, Denmark, 14 - 18 September 2015, vol.215, pp.20
- VIII. **Effects of Ghrelin on oxidative stress parameters in Lipopolysaccharide induced sepsis of Rats**
ATES G., Özkök E., YORULMAZ H., TAMER A. Ş.
FEPS 2015, Kaunas, Lithuania, Kaunas, Lithuania, 26 - 29 August 2015, pp.123-124
- IX. **Evaluation of the effects of simvastatin on energy metabolism in muscle tissue during early phase of sepsis**
TAMER A. Ş. , ÖZKÖK E., ATEŞ G., YORULMAZ H.
FEPS 2015, Kaunas, Lithuania, 26 - 29 August 2015, vol.215, pp.78
- X. **Haemorrhological parameters and systolic blood pressure values in cats with chronic renal failure**
KAYMAZ F. A. , ÜLGEN S., ALBENİZ I., TAMER A. Ş.
7th joint scientific symposium of veterinary faculties Ludwig-Maximilians Universität München & T.C. Istanbul University, Turkey, pp.5-6
- XI. **Effects of cyclosporine A on deformability and oxidative stress in the peripheral lymphocytes of rats**
Tamer S., Ademoglu E., Albeniz I., Gokkusu C.
IUBMB 50th Anniversary Symposium, Budapest, Hungary, 2 - 07 July 2005, vol.272, pp.568
- XII. **Serum levels of the pro and antiinflammatory cytokines in patients with heart failure**
Gokkusu C., Ozden A., Tamer S.
30th Congress of the Federation-of-European-Biochemical-Societies (FEBS)/9th IUBMB Conference, Budapest, Hungary, 2 - 07 July 2005, vol.272, pp.439

Supported Projects

ÖZKÖK E., ATEŞ ULUÇAY G., TAMER A. Ş. , Project Supported by Higher Education Institutions, Investigation of the effectiveness of ghrelin treatment in lung tissue of rats with sepsis, 2018 - 2018

ÖZKÖK E., TAMER A. Ş. , OLGAC N. V. , YORULMAZ H., ATEŞ ULUÇAY G., Project Supported by Higher Education Institutions, Endotoksemili Sıçanlarda Melatoninin Akciğer Hasarı Üzerine Etkileri, 2017 - 2018

ÖZKÖK E., YORULMAZ H., ATEŞ ULUÇAY G., AKSU A., ÇAĞLAR N., TAMER A. Ş. , Project Supported by Higher Education

Institutions, Amelioration of Energy Metabolism by Melatonin in Skeletal Muscle of Rats With LPS Induced Endotoxemia, 2017 - 2017

ÖZKÖK E., ATEŞ ULUÇAY G., AKSU A., TAMER A. Ş. , YORULMAZ H., BALKIS N., ÜNVERENGİL G., Project Supported by Higher Education Institutions, Ghrelinin Septik Sıçanlarda İskelet Kas Dokusunda Enerji Metabolizması Üzerine Etkileri, 2016 - 2017

ÖZKÖK E., YORULMAZ H., TAMER A. Ş. , YALÇIN İ. E. , ATEŞ ULUÇAY G., Project Supported by Higher Education Institutions, Simvastatin verilmiş Septik sıçanların karaciğer dokusunda element düzeylerindeki değişikliklerin incelenmesi, 2016 - 2017

ÖZKÖK E., TAMER A. Ş. , Project Supported by Higher Education Institutions, Ghrelin Uygulanmasının Septik Sıçanların Akciğer Dokusunda Oksidatif Parametreler Üzerine Etkisinin İncelenmesi, 2015 - 2015

Memberships / Tasks in Scientific Organizations

IUSP (International Union of Physiological Sciences, Member, 1989 - Continues

FEPS (Foundation of a Federation of European Physiological Societies, Member, 1989 - Continues

Türk Fizyolojik Bilimler Derneği, Member, 1989 - Continues

Edit Congress and Symposium Activities

Influence of Simvastatin on apoptotic and inflammatory process in septic rats, Attendee, Krung Thep, Thailand, 2016

Melatonin's role in Skeletal Muscle of Rats with LPS induced Endotoxemia, Attendee, Dublin, Ireland, 2016

The effects of HMG-COA reductase inhibition on trace elements in early-phase sepsis in rats, Attendee, Paris, France, 2016

Effects of melatonin on neuromuscular degeneration in early-phase sepsis, Attendee, Paris, France, 2016

Septik Sıçanlarda Oluşan Akut Akciğer Hasarı Üzerine Ghrelin'in Etkileri Elif, Attendee, İstanbul, Turkey, 2015

Protective effect of Simvastatin on Trace Minerals in Intestinal Tissue during Early Phase of Sepsis. Congress of Endothelium Damage in Health and Disease, Attendee, Denmark, 2015

Ekzojen olarak uygulanan ghrelinin akciğer dokusunda apoptozis ve inflamasyon üzerine etkisi, Attendee, Çanakkale, Turkey, 2015

Evaluation of the effects of simvastatin on energy metabolism in muscle tissue during early phase of sepsis., Attendee, Lithuania, 2015

The Effects of Simvastatin on Mitochondrial Enzyme Activities in Kidney Tissue in Rats., Attendee, Paris, France, 2014

Ghrelin: as an anti-inflammatory therapeutic agent in septic rats., Attendee, Turkey, 2014

Sepsis Oluşturulan Sıçanlarda Simvastatinin Hemoreolojik Etkileri, Attendee, İstanbul, Turkey, 2014

Evaluation of Ghrelin Levels in Lung Tissue of Septic Rats with Ghrelin Treatment, Attendee, Isparta, Turkey, 2014

Investigation of the Effectiveness of Ghrelin Treatment on Oxidative Parameters in Lung Tissue of Septic Rats, Attendee, Turkey, 2014

Septik Hayvanlarda Ghrelin ve Hif -1'in Farklı Dokulardaki Düzeyleri, Attendee, Kayseri, Turkey, 2014

The effects of Simvastatin on skeletal muscle treated with LPS in rats., Attendee, Budapest, Hungary, 2014

The effects of treatment with Simvastatin on liver ghrelin, HIF-1 alpha and trace elements in endotoxemic rats. Abstracts of the Joint meeting of the Federation of European Physiological Societies, Attendee, Hungary, 2014

Simvastatinin endotoksemik sıçanlarda farklı dokulardaki element düzeylerine etkileri, Attendee, Ankara, Turkey, 2013

Simvastatinin Lipopolisakkarid Verilen Sıçanlarda Karaciğer ve Böbrek Dokuları Üzerine Etkileri, Attendee, Turkey, 2013

Impact of simvastatin on hepatic tissue in lipopolysaccharides treated rats., Attendee, Birmingham, United Kingdom, 2013

Effects of lipopolysaccharide on mitochondrial functions of skeletal muscle in rats, Attendee, Birmingham, United Kingdom, 2013

Citations

Total Citations (WOS):145

h-index (WOS):4