

## Resr. Murat GİRİŞ

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 176434

### Education Information

Doctorate, Istanbul University, Health Sciences Institute, Biyokimya, Turkey 2005 - 2012

Postgraduate, Istanbul University, Health Sciences Institute, Biyokimya, Turkey 2002 - 2005

Undergraduate, Yildiz Technical University, Fen-Edb Fakültesi, Kimya, Turkey 1993 - 2000

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, DENEYSEL METABOLİK SENDROMDA KARACİĞER VE KALP DOKULARINDA ANTİOKSİDAN ENZİM

AKTİVİTELERİ VE EKSPRESYONLARININ İNCELENMESİ, Istanbul University, Health Sciences Institute, Biyokimya, 2012

Postgraduate, Radyasyon Enteriti oluşturulmuş sıçanlarda Glutaminin Hemoksijenaz-1 üzerine etkisi, Istanbul University, Health Sciences Institute, Biyokimya, 2005

### Research Areas

Health Sciences

### Academic Titles / Tasks

Other, Istanbul University, Aziz Sancar Institute Of Experimental Medicine, Department Of Neuroscience, 2012 - 2019

Researcher, Universiteit Maastricht, The Faculty of Psychology and Neuroscience , Department of Neuroscience, 2016 - 2018

Research Assistant, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2005 - 2012

Research Assistant, University of California, San Francisco, Endocrine Oncology Research Lab, EN, 2008 - 2009

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

1. Antidepressant-like effects of agmatine and NOS inhibitors in chronic unpredictable mild stress

**model of depression in rats: The involvement of NLRP inflammasomes**

Ozkartal C. S., Tuzun E., Kucukali C. I., Ulusoy C. A., Giris M., ARICIOĞLU F.  
BRAIN RESEARCH, vol.1725, 2019 (SCI-Expanded)

- II. **LRP4 antibody positive amyotrophic lateral sclerosis patients display neuropil-reactive IgG and enhanced serum complement levels**  
Tuzun E., Gezen-Ak D., Tzartos J., Dursun E., Giris M., Zisimopoulou P., Karagiorgou K., Yetimler B., Kucukali C. I., Idrisoglu H. A.  
IMMUNOLOGY LETTERS, vol.203, pp.54-56, 2018 (SCI-Expanded)
- III. **Effect of betaine treatment on the regression of existing hepatic triglyceride accumulation and oxidative stress in rats fed on high fructose diet**  
Giris M., Dogru-Abbasoglu S., Soluk-Tekkesin M., Olgac V., Uysal M.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, no.5, pp.563-570, 2018 (SCI-Expanded)
- IV. **Effect of betaine treatment on the regression of existing hepatic triglyceride accumulation and oxidative stress in rats fed on high fructose diet.**  
GIRIS M., Doğru-Abbasoğlu S., Soluk-Tekkeşin M., Olgaç V., UYSAL M.  
General physiology and biophysics, vol.37, pp.563-570, 2018 (SCI-Expanded)
- V. **Reduced Peripheral Blood Mononuclear Cell ROCK1 and ROCK2 Levels in Obstructive Sleep Apnea Syndrome**  
Aydin S., Ozdemir C., Kucukali C. I., Sokucu S. N., Giris M., Akcan U., Tuzun E.  
IN VIVO, vol.32, no.2, pp.319-325, 2018 (SCI-Expanded)
- VI. **Vascular function and arginine and dimethylarginines in gentamicin-induced renal failure: a possible effect of heme oxygenase 1 inducer hemin**  
Aycan-Ustyol E., Kabasakal M., Bekpinar S., Alp-Yildirim F. İ., Tepe O., Giris M., Ozluk Y., Unlucerci Y., Uydes-Dogan B. S., Uysal M.  
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, no.12, pp.1406-1413, 2017 (SCI-Expanded)
- VII. **Elevated IL-4 and IFN-γ Levels in Muscle Tissue of Patients with Dermatomyositis**  
Giris M., Durmus H., Yetimler B., Tasli H., Parman Y., Tuzun E.  
IN VIVO, no.4, pp.657-660, 2017 (SCI-Expanded)
- VIII. **Impact of Neuro-Behcet Disease Immunoglobulin G on Neuronal Apoptosis**  
Giris M., Bireller S., Kucukali C. I., Hanagasi H. A., Degirmencioglu S., Tuzun E.  
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.54, no.1, pp.67-71, 2017 (SCI-Expanded)
- IX. **VIABILITY OF SH-SY5Y CELLS IS ASSOCIATED WITH PURINERGIC P2 RECEPTOR EXPRESSION ALTERATIONS**  
Orcen A., Yilmaz V., Giris M., Akcan U., Tuzun E., Erten G.  
ACTA BIOLOGICA HUNGARICA, vol.68, no.1, pp.22-34, 2017 (SCI-Expanded)
- X. **Serum Prolactin Levels in Multiple Sclerosis, Neuromyelitis Optica, and Clinically Isolated Syndrome Patients**  
Turkoglu R., Giris M., Gencer M., Akcan U., Orcen A.  
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.53, no.4, pp.353-356, 2016 (SCI-Expanded)
- XI. **36th International Symposium on Intensive Care and Emergency Medicine: Brussels, Belgium. 15-18 March 2016.**  
Tüzün E., Şentürk E., Esen F., Orhun G., Kaya M., Küçüklerden M., Giris M., Arıcan N., Orhan N., Ergin Özcan P., et al.  
Critical Care, vol.20, pp.347, 2016 (SCI-Expanded)
- XII. **Beneficial effects of carnosine and carnosine plus vitamin E treatments on doxorubicin-induced oxidative stress and cardiac, hepatic, and renal toxicity in rats**  
KUMRAL A., GİRİŞ M., Soluk-Tekkeşin M., OLGAÇ V., DOĞRU-ABBASOĞLU S., TÜRKOĞLU Ü., UYSAL M.  
HUMAN & EXPERIMENTAL TOXICOLOGY, no.6, pp.635-643, 2016 (SCI-Expanded)
- XIII. **Dynamic collagen changes in cervix during the first trimester and decreased collagen content in cervical insufficiency**  
Gedikbasi A., Yucel B., Arslan O., Giris M., Gedikbasi A., Abbasoglu S. D.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.29, no.18, pp.2968-2972, 2016 (SCI-Expanded)

- XIV. **A case of hyperkinetic movement disorder associated with LGI1 antibodies**  
Erer-Ozbek S., Yapici Z., Tuzun E., Giris M., Duran S., Taskapilioglu O., Okan M.  
TURKISH JOURNAL OF PEDIATRICS, vol.57, no.5, pp.514-517, 2015 (SCI-Expanded)
- XV. **Reduced serum orexin-A levels in autoimmune encephalitis and neuromyelitis optica patients**  
Kucukali C. İ., Haytural H., Benbir G., Coban A., Ulusoy C., Giris M., Kurtuncu M., Shugaiv E., Karadeniz D., Tuzun E.  
JOURNAL OF THE NEUROLOGICAL SCIENCES, no.1-2, pp.353-355, 2014 (SCI-Expanded)
- XVI. **Effect of carnosine alone or combined with  $\alpha$ -tocopherol on hepatic steatosis and oxidative stress in fructose-induced insulin-resistant rats**  
Giris M., Dogru-Abbasoglu S., Kumral A., Olgac V., Kocak-Toker N., Uysal M.  
JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, no.2, pp.385-395, 2014 (SCI-Expanded)
- XVII. **Serum anti-neuronal antibodies in amyotrophic lateral sclerosis**  
Coban A., Ulusoy C. A., Giris M., Turan S., TUERKOGLU R., Tuzun E., Idrisoglu H. A.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, no.8, pp.557-562, 2013 (SCI-Expanded)
- XVIII. **Response of liver to lipopolysaccharide treatment in male and female rats**  
Depboylu B., Giris M., Olgac V., Dogru-Abbasoglu S., Uysal M.  
EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.65, no.5, pp.645-650, 2013 (SCI-Expanded)
- XIX. **Switch-associated protein 70 antibodies in multiple sclerosis: relationship between increased serum levels and clinical relapse**  
Erdag E., Tuzun E., Ugurel E., Cavus F., Sehitoglu E., Giris M., Vural B., Eraksoy M., Akman-Demir G.  
INFLAMMATION RESEARCH, vol.61, no.9, pp.927-930, 2012 (SCI-Expanded)
- XX. **Heme Oxygenase-1 Prevents Hyperthyroidism Induced Hepatic Damage via an Antioxidant and Antiapoptotic Pathway**  
Giris M., Erbil Y., Depboylu B., Mete O., Turkoglu U., Abbasoglu S. D., Uysal M.  
JOURNAL OF SURGICAL RESEARCH, vol.164, no.2, pp.266-275, 2010 (SCI-Expanded)
- XXI. **Dual Inhibition of Wound Healing and Oxidative Process by Montelukast in Experimental Colon Anastomoses**  
Canbay E., Agachan B., Ozturk T., Giris M., Asoglu O., Balik E., Buğra D.  
SURGICAL INNOVATION, vol.17, no.3, pp.248-255, 2010 (SCI-Expanded)
- XXII. **Oxidative and nitrosative stress and apoptosis in the liver of rats fed on high methionine diet: Protective effect of taurine**  
Yalcinkaya S., Unlucerci Y., Giris M., Olgac V., Dogru-Abbasoglu S., Uysal M.  
NUTRITION, vol.25, no.4, pp.436-444, 2009 (SCI-Expanded)
- XXIII. **Neurotrophins: Are They Meaningful in Chronic Spontaneous Urticaria?**  
Ozseker F., Buyukozturk S., Gelincik A., Depboylu B., Genc S., Giris M., Eroglu H., Erden S., Colakoglu B., Dal M., et al.  
ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY, vol.26, pp.83-88, 2008 (SCI-Expanded)
- XXIV. **Effect of taurine on oxidative stress and apoptosis-related protein expression in trinitrobenzene sulphonic acid-induced colitis**  
Giris M., Depboylu B., Dogru-Abbasoglu S., Erbil Y., Olgac V., Alis H., Aykac-Toker G., Uysal M.  
CLINICAL AND EXPERIMENTAL IMMUNOLOGY, vol.152, no.1, pp.102-110, 2008 (SCI-Expanded)
- XXV. **The effect of anti-thyroid drug treatment duration on thyroid gland microvessel density and intraoperative blood loss in patients with Graves' disease**  
Erbil Y., Giris M., Salmaslioglu A., Ozluk Y., Barbaros U., Yanik B. T., Kapran Y., Abbasoglu S. D., Ozarmagan S.  
SURGERY, vol.143, no.2, pp.216-225, 2008 (SCI-Expanded)
- XXVI. **Effects of thyroxine replacement on lipid profile and endothelial function after thyroidectomy**  
Erbil Y., Ozbey N., Giris M., Salmashoglu A., Ozarmagan S., Tezelman S.  
BRITISH JOURNAL OF SURGERY, vol.94, no.12, pp.1485-1490, 2007 (SCI-Expanded)
- XXVII. **Effect of heme oxygenase-1 induction by octreotide on TNBS-induced colitis**  
Erbil Y., Giris M., Abbasoglu S. D., BARBAROS U., YANIK B. T., NECEFLI A., Olgac V., TOKER G. A.  
JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, vol.22, no.11, pp.1852-1858, 2007 (SCI-Expanded)
- XXVIII. **Effect of lugol solution on thyroid gland blood flow and microvessel density in the patients with Graves' disease**

- Erbil Y., Ozluk Y., Giris M., Salmaslioglu A., Issever H., Barbaros U., Kapran Y., Ozarmagan S., Tezelman S.  
JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, vol.92, no.6, pp.2182-2189, 2007 (SCI-Expanded)
- XXIX. **The effect of heme oxygenase-1 induction by glutamine on TNBS-induced colitis - The effect of glutamine on TNBS colitis**  
Giris M., Erbil Y., Dogru-Abbasoglu S., YANIK B. T., AHS H., Olgaç V., TOKER G. A.  
INTERNATIONAL JOURNAL OF COLORECTAL DISEASE, vol.22, no.6, pp.591-599, 2007 (SCI-Expanded)
- XXX. **The effect of glutamine on pancreatic damage in TNBS-induced colitis**  
DEGER C., Erbil Y., Giris M., YANIK B. T., Tunca F., Olgaç V., Abbasoglu S. D., Öztezcan S., TOKER G.  
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.10, pp.1841-1846, 2006 (SCI-Expanded)
- XXXI. **The effect of melatonin on TNBS-induced colitis**  
Necefli A., Tulumoglu B., Giris M., Barbaros U., Gunduz M., Olgac V., Guloglu R., Toker G.  
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.9, pp.1538-1545, 2006 (SCI-Expanded)
- XXXII. **The effect of heme oxygenase-1 induction by octreotide on radiation enteritis**  
Abbasoglu S. D., Erbil Y., Eren T., Giris M., Barbaros U., Yucel R., Olgac V., Uysal M., Toker G.  
PEPTIDES, vol.27, no.6, pp.1570-1576, 2006 (SCI-Expanded)
- XXXIII. **The effect of octreotide on pancreatic damage in TNBS-induced colitis**  
Akguel S., Erbil Y., Giris M., Alis H., Yanik B. T., Olgac V., Toker G. A.  
SURGICAL INNOVATION, vol.13, no.2, pp.102-108, 2006 (SCI-Expanded)
- XXXIV. **The effect of heme oxygenase-1 induction by glutamine on radiation-induced intestinal damage: the effect of heme oxygenase-1 on radiation enteritis**  
Giris M., Erbil Y., Oztezcan S., Olgac V., Barbaros U., Deveci U., Kirgiz B., Uysal M., Toker G.  
AMERICAN JOURNAL OF SURGERY, vol.191, no.4, pp.503-509, 2006 (SCI-Expanded)
- XXXV. **The efficacy of octreotide in pancreatic and intestinal changes: Radiation-induced enteritis in animals**  
Olgac V., Erbil Y., Barbaros U., Oztezcan S., Giris M., Kaya H., Bilge H. B., Guler S., Toker G.  
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.1, pp.227-232, 2006 (SCI-Expanded)
- XXXVI. **The effect of glutamine on radiation-induced organ damage**  
Erbil Y., Oztezcan S., Giris M., Barbaros U., Olgac V., Bilge H. B., Kucucuk H., Toker G.  
LIFE SCIENCES, vol.78, no.4, pp.376-382, 2005 (SCI-Expanded)
- XXXVII. **Peroxynitrite induced decrease in Na<sup>+</sup>, K<sup>+</sup>-ATPase activity is restored by taurine**  
Kocak-Toker N., Giris M., Tulubas F., Uysal M., Aykac-Toker G.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.11, no.23, pp.3554-3557, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Neuroprotective effects of intravenous immunoglobulin are mediated through inhibition of complement activation and apoptosis in a rat model of sepsis.**  
Esen F., Orhun G., Ozcan P., Senturk E., KUCUKERDEN M., GIRIS M., AKCAN U., Yilmaz C., Orhan N., Arican N., et al.  
Intensive care medicine experimental, vol.5, pp.1, 2017 (ESCI)
- II. **Effect of olive leaf extract treatment on doxorubicin-induced cardiac, hepatic and renal toxicity in rats**  
Kumral A., GİRİŞ M., SOLUK-TEKKEŞİN M., OLGAC V., DOĞRU-ABBASOĞLU S., TÜRKOĞLU Ü., UYSAL M.  
Pathophysiology, vol.22, no.2, pp.117-123, 2015 (Scopus)
- III. **Early prediction of anastomotic leakage after colorectal surgery by measuring peritoneal cytokines: Prospective study**  
Uğraş B., Giriş M., Erbil Y., Gökpinar M., Çitlak G., İşsever H., Bozbora A., Öztezcan S.  
International Journal of Surgery, vol.6, no.1, pp.28-35, 2008 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of betaine on hepatic steatosis, and oxidative stress induced by high fructose containing diet in rats.**  
ABBASOĞLU S., GİRİŞ M., OLGAC N. V., UYSAL M. M.  
International Conference on Fatty Liver, Sevilla, Spain, 1 - 03 June 2017, pp.79-80
- II. **Heat shock proteins in a rat model of pyelonephritis and renal scar**  
Yılmaz A., Yürük Yıldırım Z. N., Küçük M., Gedikbaşı A., Pehlivanoglu C., Özlük M. Y., Savran G., Aynı E. B., Yıldız M., Kılıçaslan I., et al.  
17th IPNA Congress,, Iguatu, Brazil, 20 - 24 September 2016, vol.31, pp.1765-1983
- III. **Nöromyelitis Optika ve Otoimmün Ensefalitte Serum Oreksin-A Düzeyleri.**  
Çoban A., Küçükali C. İ., Haytural H., Benbir Şenel G., Ulusoy C. A., Giriş M., Kürtüncü M., Karadeniz D., Shugaiv E., Karadeniz D., et al.  
50. Ulusal Nöroloji Kongresi, Antalya, Turkey, 21 - 27 November 2014, pp.1
- IV. **Switch-associated protein 70 (SWAP 70) antibody levels are associated with clinical relapse in multiple sclerosis**  
Erdag E., Tuzun E., Akman-Demir G., Ugurel E., Sehitoglu E., Cavus F., Giris M., Vural B.  
11th International Congress of Neuroimmunology (ISNI), Massachusetts, United States Of America, 4 - 08 November 2012, vol.253, pp.17
- V. **Skeletal muscle pathology in the experimental animal model of muscle-specific receptor tyrosine kinase (MuSK) related myasthenia gravis**  
Ulusoy C., Yilmaz V., Trakas N., Poulas K., Armagan H., Turan S., Giris M., Tzartos S., Deymeer F., Saruhan-Direskeneli G., et al.  
11th International Congress of Neuroimmunology (ISNI), Massachusetts, United States Of America, 4 - 08 November 2012, vol.253, pp.51-52

## Supported Projects

GİRİŞ M., Project Supported by Higher Education Institutions, NÖROMİYELİTİS OPTİKA HASTALARINDA SERUM PROLAKTİN DÜZEYLERİNİN ARAŞTIRILMASI, 2014 - 2017

## Metrics

Publication: 45  
Citation (WoS): 745  
Citation (Scopus): 886  
H-Index (WoS): 17  
H-Index (Scopus): 18

## Non Academic Experience

University of California San Francisco  
Efor Temizlik Ürünleri Ltd.Şt