

## **Prof. HASAN RACİ YANANLI**

### **Personal Information**

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### **Education Information**

Doctorate, Marmara University, School of Medicine, Turkey 1999 - 2004

Undergraduate, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Cerrahpaşa Tıp Pr., Turkey 1984 - 1990

### **Foreign Languages**

English, C2 Mastery

### **Dissertations**

Doctorate, Morfin bağımlılığı ve yoksunluğu sırasında nükleus akümbens'xxde nitrik oksitin rolü, Marmara Üniversitesi, Tıp Fakültesi, 2004

### **Research Areas**

Health Sciences

### **Academic Titles / Tasks**

Professor, Marmara University, School Of Medicine, Internal Medical Sciences, 2021 - Continues

### **Academic and Administrative Experience**

Assistant Coordinator, Marmara University, School of Medicine, Internal Medical Sciences, 2010 - Continues

### **Courses**

Pharmacotherapy of tuberculosis, Undergraduate, 2019 - 2020

Klinik Farmakolojide İstatistiksel Yöntemler, Postgraduate, 2018 - 2019

Gastrointestinal Sistem İlaçlarının Klinik Farmakolojisi , Doctorate, 2019 - 2020

DeneySEL Farmakoloji İstatistik Yöntemleri, Postgraduate, 2018 - 2019

DeneySEL Farmakolojide İleri İstatistik Yöntemler, Doctorate, 2018 - 2019

Gastrointestinal Sistem Farmakolojisi, Postgraduate, 2019 - 2020

## Advising Theses

- Yananlı H. R. , The Effect of Acute Topiramate Administration on Morphine Withdrawal Syndrome and Brain-derived Neurotrophic Factor in Central Nervous System, Doctorate, S.ÖZKULA(Student), 2020
- Yananlı H. R. , Adenozin reseptörlerinin morfin bağımlılığı ve yoksunluğunda nucleus accumbens'teki rolü, Expertise In Medicine, M.JAFAROVA(Student), 2014
- YANANLI H. R. , Gamma amino-bütirik asit agonistlerinin nükleus akümbens kabuk bölgesine lokal olarak uygulanmasının naloksonla indüklenmiş morfin yoksunluğu üzerindeki etkisi, Postgraduate, B.Topkara(Student), 2013
- Yananlı H. R. , Gama-aminobütirik asit agonistlerinin nükleus akümbens kabuk bölgesine uygulanmasının naloksonla indüklenmiş morfin yoksunluğu üzerindeki etkisi, Postgraduate, B.TOPKARA(Student), 2013

## Jury Memberships

- Doctorate, Doctorate, İstanbul Üniversitesi, July, 2017
- Post Graduate, Post Graduate, İstanbul Üniversitesi, July, 2017
- Expertise In Medicine, Expertise In Medicine, Marmara Üniversitesi, March, 2014
- Post Graduate, Post Graduate, Marmara Üniversitesi, October, 2013
- Expertise In Medicine, Expertise In Medicine, Marmara Üniversitesi, June, 2013

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

- I. **Atipamezole, a specific alpha(2A) antagonist, suppresses spike-and-wave discharges and alters Ca<sup>2+</sup>/calmodulin-dependent protein kinase II in the thalamus of genetic absence epilepsy rats**  
Yavuz M., Aydın Omay B., Carcak N., Akman O., Raci Yananlı H. R. , Onat F.  
EPILEPSIA, vol.61, pp.2825-2835, 2020 (Journal Indexed in SCI)
- II. **The effect of oral administration of monosodium glutamate on epileptogenesis in infant rats.**  
Demirkapu M., Yananlı H. R. , Akşahin E., Karabiber C., Günay P., Kekilli A., Topkara B.  
Epileptic disorders : international epilepsy journal with videotape, 2020 (Journal Indexed in SCI Expanded)
- III. **The role of adenosine A1 receptors in the nucleus accumbens during morphine withdrawal**  
Jafarova Demirkapu M., Yananlı H. R. , Kaleli M., Sakalli H. E. , Gören M. Z. , Topkara B.  
Clinical and Experimental Pharmacology and Physiology, vol.47, pp.553-560, 2020 (Journal Indexed in SCI)
- IV. **Effect of U-92032, T-Type Ca<sup>2+</sup> Channel Blocker, on Rats with Genetic Absence Epilepsy**  
Yananlı H. R. , Demirkapu M. J. , Sakallı H. E. , Gülhan R., Onat F. Y.  
Pharmacology, 2020 (Journal Indexed in SCI Expanded)
- V. **Effects of Injection of Gamma-Aminobutyric Acid Agonists into the Nucleus Accumbens on Naloxone-Induced Morphine Withdrawal**  
Topkara B., YANANLI H. R. , Sakalli E., Demirkapu M. J.  
PHARMACOLOGY, vol.100, pp.131-138, 2017 (Journal Indexed in SCI)
- VI. **Topographical connections of the substantia nigra pars reticulata to higher-order thalamic nuclei in the rat**  
GÜLÇEBİ İDRİZ OĞLU M., Ketenci S., Linke R., Hacıoğlu H., Yanalı H. R. , Veliskova J., Moshe S. L. , Onata F., Cavdar S.  
BRAIN RESEARCH BULLETIN, vol.87, pp.312-318, 2012 (Journal Indexed in SCI)
- VII. **The pathways connecting the hippocampal formation, the thalamic reuniens nucleus and the thalamic reticular nucleus in the rat**  
Cavdar S., ONAT F., Cakmak Y. O. , YANANLI H. R. , GÜLÇEBİ İDRİZ OĞLU M., Aker R.  
JOURNAL OF ANATOMY, vol.212, no.3, pp.249-256, 2008 (Journal Indexed in SCI)
- VIII. **Extracellular hypothalamic gamma-aminobutyric acid (GABA) and L-glutamic acid concentrations in response to bicuculline in a genetic absence epilepsy rat model**  
YANANLI H. R. , Terzioğlu B., GÖREN M. Z. , Aker R. G. , Aypak C., ONAT F.  
JOURNAL OF PHARMACOLOGICAL SCIENCES, vol.106, no.2, pp.301-309, 2008 (Journal Indexed in SCI)
- IX. **Extracellular hypothalamic gamma-aminobutyric acid (GABA) and L-glutamic acid concentrations in**

**response to bicuculline in a genetic absence epilepsy rat model.**

Yananli H. R. , Terzioğlu B., Goren M., Aker R., Aypak C., Onat F.

Journal of pharmacological sciences, vol.106, pp.301-9, 2008 (Journal Indexed in SCI Expanded)

- X. **Time-dependent changes in distribution of basic fibroblast growth factor immunoreactive cells in rat hippocampus after status epilepticus**  
Erkanli G., ERCAN F., ŞİRVANCI S., YANANLI H. R. , ONAT F., San T.  
NEUROLOGICAL RESEARCH, vol.29, no.8, pp.816-823, 2007 (Journal Indexed in SCI)
- XI. **Time-dependent changes in distribution of basic fibroblast growth factor immunoreactive cells in hippocampus after kainic acid injection in rat pups**  
Erkanli G., Ercan F., Sirvanci S., Salik E., Yananli H. R. , Onat F., San T.  
INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, vol.25, pp.399-407, 2007 (Journal Indexed in SCI)
- XII. **Effect of agmatine on brain L-citrulline production during morphine withdrawal in rats: A microdialysis study in nucleus accumbens**  
Yananli H. R. , Goren M. Z. , Berkman K., Aricioglu F.  
BRAIN RESEARCH, vol.1132, no.1, pp.51-58, 2007 (Journal Indexed in SCI)
- XIII. **GABA(A) receptor mediated transmission in the thalamic reticular nucleus of rats with genetic absence epilepsy shows regional differences: Functional implications**  
Aker R., Ozyurt H. B. , Yananli H. R. , Cakmak Y. O. , Ozkaynakci A. E. , Sehirli U., Saka E., Cavdar S., Onat F.  
BRAIN RESEARCH, vol.1111, pp.213-221, 2006 (Journal Indexed in SCI)
- XIV. **Connections of the zona incerta to the reticular nucleus of the thalamus in the rat**  
Cavdar S., Onat F., Cakmak Y. O. , Saka E., Yananli H. R. , Aker R.  
JOURNAL OF ANATOMY, vol.209, no.2, pp.251-258, 2006 (Journal Indexed in SCI)
- XV. **5-hydroxytryptamine release in the anterior hypothalamic and the hippocampal areas of cholestatic rats**  
Terzioğlu B., Aypak C., Yananli H. R. , Kucukibrahimoglu E., Yurdaydin M., Goren M.  
LIFE SCIENCES, vol.78, no.10, pp.1078-1083, 2006 (Journal Indexed in SCI)
- XVI. **Amygdala kindling in the WAG/Rij rat model of absence epilepsy**  
Aker R., Yananli H. R. , Gurbanova A., Ozkaynakci A., Ates N., van Luijteleaar G., Onat F.  
EPILEPSIA, vol.47, no.1, pp.33-40, 2006 (Journal Indexed in SCI)
- XVII. **Therapeutic Drug Monitoring of Immunosuppressant Drugs in Marmara University Hospital**  
demir d., iskender e., GÖREN M. Z. , AKICI A., YANANLI H. R. , özyurt h., özkaynekçi a., oktay ş., ONAT F.  
Therapeutic Drug Monitoring, vol.26, pp.263-266, 2004 (Journal Indexed in SCI Expanded)
- XVIII. **Therapeutic drug monitoring of immunosuppressant drugs in Marmara University Hospital**  
Karaalp A., Demir D., Goren M., Akici A., Iskender E., Yananli H. R. , Ozyurt H., Ozkaynakci A., Berkman K., Oktay S., et al.  
Therapeutic Drug Monitoring, vol.26, no.3, pp.263-266, 2004 (Journal Indexed in SCI Expanded)
- XIX. **Extracellular concentrations of catecholamines and amino acids in the dorsomedial hypothalamus of kindled rats - A Microdialysis Study**  
Goren M., Aker R., Yananli H. R. , Onat F.  
PHARMACOLOGY, vol.68, no.4, pp.190-197, 2003 (Journal Indexed in SCI)
- XX. **The influence of dorsomedial hypothalamic nucleus on contralateral paraventricular nucleus in NMDA-mediated cardiovascular responses**  
Goren M., Yananli H. R. , Berkman K., Onat F., Aker R.  
BRAIN RESEARCH, vol.968, no.2, pp.219-226, 2003 (Journal Indexed in SCI)
- XXI. **Cerebellar connections to the rostral reticular nucleus of the thalamus in the rat**  
Cavdar S., Onat F., Yananli H. R. , Sehirli U., Tulay C., Saka E., Gurdal E.  
JOURNAL OF ANATOMY, vol.201, no.6, pp.485-491, 2002 (Journal Indexed in SCI)
- XXII. **The afferent connections of the posterior hypothalamic nucleus in the rat using horseradish peroxidase**  
Çavdar S., ONAT F., Aker R., Sehirli Ü. S. , Tanguş S., YANANLI H. R.

Journal of Anatomy, vol.198, no.4, pp.463-472, 2001 (Journal Indexed in SCI)

**XXIII. The afferent connections of the posterior hypothalamic nucleus in the rat using horseradish peroxidase**

Cavdar S., Onat F., Aker R., Sehirli Ü. S. , San T., Yananlı H. R.

JOURNAL OF ANATOMY, vol.198, pp.463-472, 2001 (Journal Indexed in SCI)

## Articles Published in Other Journals

**I. The Effects of Topiramate applied to the Nucleus Accumbens region on Morphine Withdrawal Syndrome**

Özkula S., Dundar O. H. , Erol S., Bakar R., Gecit H., Turan N. E. , Balık M. F. , Yananlı H. R. , Gülhan R., Jafarova Demirkapu M.

Namık Kemal Tıp Dergisi, vol.8, no.2, pp.240-248, 2020 (Other Refereed National Journals)

**II. Nukleus akumbens core bölgesinde L-NAME ve agmatinin morfin yoksunluğuna etkileri**

Jafarova Demirkapu M., Yananlı H. R. , Mammadov E., İna D., Kırbaş A., Yaşar Ş., Sali T., Kurbanoglu M., Çağlar M., Uslu Ö., et al.

Namık Kemal Tıp Dergisi, vol.8, no.1, pp.65-72, 2020 (Refereed Journals of Other Institutions)

**III. The role of NO in the posterior hypothalamus in amygdala generated pressor responses in conscious rats**

bayraktar h., YANANLI H. R. , Terzioğlu B., Şule O., Kaleli M., GÖREN M. Z.

Autonomic and Autacoid Pharmacology, vol.33, pp.7-16, 2013 (Refereed Journals of Other Institutions)

## Books & Book Chapters

**I. Opium Alkaloids**

Demirkapu M. C. , Yananlı H. R.

in: Alcoloids, Vasil Georgiev,Joanna Kurek, Editor, IntechOpen, London, pp.1-16, 2020

## Refereed Congress / Symposium Publications in Proceedings

**I. The effects of topiramate administration into nucleus accumbens of morphine addicted rats in naloxone precipitated morphine withdrawal**

DÜNDAR H., EROL S., BAKAR R., GEÇİT M., TURAN N., BALIK M., ÖZKULA S., YANANLI H. R. , GÜLHAN R.

19th ISAM Annual ConferenceAddiction Medicine, Abu Dhabi, United Arab Emirates, 26 - 29 November 2017, vol.1, pp.49

**II. Morfin yoksunluk sendromunda kannabidiolün etkisinin incelenmesi**

Tarı I. B. , Gültekin Ü. Ö. , Çağlayan Duman N., GÜLHAN R., YANANLI H. R.

23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015

**III. The role of adenosine receptors in the nucleus accumbens during morphine withdrawal**

JAFAROVA DEMİRKAPU M., YANANLI H. R. , GÖREN M. Z. , Topkara B., SAKALLI H. E. , AYDIN B.

EUROPEAN NEUROPSYCHOPHARMACOLOGY, 18 - 21 October 2014, vol.24, pp.678-679

**IV. The effect of GABA agonists in nucleus accumbens on morphine withdrawal signs inrats**

YANANLI H. R. , SAKALLI H. E. , demirkapu M., topkara b.

27th ECNP Congress, Berlin, Germany, 18 - 21 October 2014

**V. THE EFFECT OF MONOSODIUM GLUTAMATECONSUMPTION ON OBESITY, NASAL-ANAL LENGTHAND EPILEPTOGENESIS IN RATS**

YANANLI H. R. , caferova M., Topkara B.

11th European Congress on Epileptology, Stockholm, Sweden, 29 June - 03 July 2014

- VI. **The effect of agmatine in nucleus accumbens on morphine withdrawal signs in rats**  
YANANLI H. R.  
26 th ECNP congress, Barselona, 5 - 09 October 2013
- VII. **The effect of GABA agonists in nucleus accumbens on morphine withdrawal signs in rats**  
YANANLI H. R.  
26 th ECNP Congress, 5 - 09 October 2013
- VIII. **The Role of Nitric Oxide Synthase İnhibition in Nucleus Accumbens Core Region on Naloxone Induced Morphine Withdrawal Signs in Rats**  
YANANLI H. R. , SAKALLI H. E. , topkara B., caferova m.  
6th European Congress of Pharmacology, 17 - 20 July 2012
- IX. **THE EFFECT OF INTRACEREBROVENTRICULAR NIMODIPINE INJECTIONS ON KINDLING-INDUCED LOCOMOTOR ACTIVITY CHANGES IN WISTAR RATS**  
topkara b., SAKALLI H. E. , AKIN D., YANANLI H. R. , BERKMAN M. K.  
29th International Epilepsy Congress (IEC), roma, 28 August - 01 September 2011
- X. **The effect of intracerebroventricular U-92032 injections on genetic absence epilepsy rats from Strasbourg**  
jaferova m., YANANLI H. R. , SAKALLI H. E. , ONAT F.  
29th International Epilepsy Congress (IEC), roma, 28 August - 01 September 2011, pp.182
- XI. **ADLI TIP KURUMU 5. İHTİSAS KURULUNA GELEN DOSYALARDA İLAÇ, UYUŞTURUCU VE KİMYASAL MADDE TOKSİSİTESİ İLE İLİŞKİLİ ÖLÜMLERİN İRDELENMESİ**  
küçükibrahimoğlu E., YANANLI H. R. , GÜLHAN R., Aşçioğlu F.  
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- XII. **ADLI TIP KURUMU 5. İHTİSAS KURULUNA GELEN DOSYALARDA İLAÇ, UYUŞTURUCU VE KİMYASAL MADDE TOKSİSİTESİ İLE İLİŞKİLİ ÖLÜMLERİN İRDELENMESİ**  
Küçükibrahimoğlu E., YANANLI H. R. , GÜLHAN R., Aşçioğlu F.  
20. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009
- XIII. **Genetik Absans Epilepsili Sıçanlarda U-92032'nin Diken Dalga Deflarjlar Üzerindeki Etkisi**  
SAKALLI H. E. , YANANLI H. R. , ONAT F., GÜLHAN R.  
8. Ulusal Sinir Bilim Kongresi, Bolu, Turkey, 18 - 21 April 2009
- XIV. **EFFECT OF U-92032 ON GENETIC ABSENCE EPILEPSY RATS FROM STRASBOURG**  
YANANLI H. R. , ONAT F., GÜLHAN R., AKIN D.  
8th European Congress on Epileptology, Berlin, Germany, Berlin, Germany, 21 - 25 September 2008
- XV. **The network identification of the anticonvulsant and proconvulsant regions placed in substantia nigra in adult Sprague Dawley rats**  
GÜLÇEBİ M., YANANLI H. R. , GÜLHAN R., ÇAVDAR S., ONAT F.  
VI. Ulusal Sinirbilimleri Kongresi, Turkey, 9 - 13 April 2007, vol.6
- XVI. **The Effect of D isomers of aspartic acid and glutamic acid on blood pressure and nociception**  
BERKMAN M. K. , ONAT F., AKER R., YANANLI H. R. , GÖREN M. Z. , APAYDIN KAYA M. Ç. , OKTAY Ş.  
6th International Congress on Amino Acids Bonn, Federal Republic of Germany, 3 - 07 August 1999, vol.17, pp.1-129

## Scientific Refereeing

journal of research in pharmacy, Journal Indexed in ESCI, April 2020

## Citations

Total Citations (WOS):339

h-index (WOS):9

## Awards

Ercan F., Erkanlı Őentürk G., Őirvancı S., Yananlı H. R. , Onat F., Őan M¼dok T., "Prof. Dr. T¼rkan Erbenđi AraŐtırma ¼d¼l¼"

1. lik ¼d¼l¼, T¼rk Elektron Mikroskopi Derneđi, June 2009

Yananlı H. R. , T¼B¼TAK-BAD Seyahat ve Eđitim Bursu, Betin AraŐtırmaları Derneđi, January 2004