

Curriculum Vitae

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Education:

Degree	Field	University	Year
BSc	Molecular Biology and Genetics	Haliç University	2008
MSc*	Physiology	Karadeniz Technical University	2013
PhD**	Physiology	Istanbul University (Çapa)	2018
PhD	Neuroscience	Yeditepe University	still

***Master Thesis Title and Supervisor:** Effects of Kisspeptin and aromatase inhibition on cognitive functions and behavior in female rats, *Research Advisor: Prof. Dr. Sinan CANPOLAT.*

****PhD Thesis Title and Supervisor:** Functional and anatomical characterization of Kisspeptin Neuron's Synaptic Connections, *Research Advisor: Prof Ümmühan İŞOĞLU- ALKAÇ, Co-Advisor: Prof Bayram YILMAZ.*

Work Details:

Title	Department	Date
Assistant Professor	İstinye University, Faculty of Medicine, Physiology Department	2019-still
Teaching and Lab Staff (Specialist)	Yeditepe University, Faculty of Medicine, Physiology Department	2015-2019
Teaching and Lab Staff	Yeditepe University, Faculty of Medicine, Physiology Department	2009-2015

Participation in Training

Training	Date	Country
Adobe Illustrator CS6 (advanced) Training, Yeditepe Uni.	19 Sep -14 Dec 2017	Turkey
Medipol University, 9th Cellular Neuroscience days, Optogenetic training, REMER, Kavacık, Istanbul.	29-30 November 2015	Turkey
DR CALUX basic training with the specialisation in human breast milk, BioDetection Systems, Amsterdam.	1-5 September 2014	Netherlands
Immunohistochemistry and western blot (advanced) training, DETAE, Istanbul University, Istanbul.	27-29 June 2012	Turkey
Yeditepe University, Experimental Animals Ethics Committee, Experimental Animal Practice and Ethics Course Istanbul.	August 2009	Turkey
Istanbul University Cerrahpaşa Faculty of Medicine Experimental Animals Ethics Committee, Experimental Animal Practice and Ethics Course Istanbul.	April 2006	Turkey

Publications:

A. Uluslararası Articles published in peer reviewed international ,

A.1 Sahan B, Ciftci F, **Eyuboglu S**, Yaba Ucar A, Yilmaz B, Yalvac I. (2019). "Comparison of the Effects of Dovitinib and Bevacizumab on Reducing Neovascularization in an Experimental Rat Corneal Neovascularization Model." *Cornea*. doi: 10.1097/ICO.0000000000002012 (Epub)

A.2 Marangoz D, Guzel E, **Eyuboglu S**, Gumusel A, Seckin I, Ciftci F, Yilmaz B, Yalvac I. (2017). "Comparison of the neuroprotective effects of brimonidine tartrate and melatonin on retinal ganglion cells." *Int Ophthalmol*. doi:10.1007/s10792-017-0768-z

A.3 Akkaya H, **Eyuboglu S**, Erkanli Senturk G, Yilmaz B. (2017). "Investigation of the effects of kisspeptin-10 in methionine-induced lipid peroxidation in testicle tissue of young rats." *J Biochem Mol Toxicol*, 31(5). doi:10.1002/jbt.21881

A.4 Akkaya H, Kilic E, **Dinc Eyuboğlu S**, Yilmaz B. (2014). "Postacute effects of kisspeptin-10 on neuronal injury induced by L-methionine in rats." *J Biochem Mol Toxicol*, 28(8), 373-377. doi:10.1002/jbt.21573

A.5 Kaçar E, **Dinç Eyuboğlu S**, Yılmaz B, Keleştimur, H. (2014). "Leptin regulation of pubertal maturation in intact and pinealectomized female rats." *Turkish Journal of Medical Sciences*, 43 (4), 557-561. DOI: 10.3906/sag-1208-15

A.6 Browne E P, **Dinç Eyuboğlu S**, Punska E C, Agus S, Vitrinel A, Erdag G C, Anderton D L, Arcaro K F, Yilmaz, B. (2014). Promoter methylation in epithelial-enriched and epithelial-depleted cell populations isolated from breast milk. *J Hum Lact*, 30(4), 450-457. doi:10.1177/0890334414548224

A.7 Tug N, Uslu U, Cumbul A, **Eyuboğlu S**, Cam C, Karateke A & Yilmaz B. (2011). "Effects of the gonadotropin-releasing hormone antagonist cetrorelix in the early postimplantation period on rat pregnancy." *Eur J Obstet Gynecol Reprod Biol*, 155(2), 166-170. doi:10.1016/j.ejogrb.2010.12.015

B. Papers delivered in international conferences and printed as proceedings

B.1 Yaba A, Agus S, **Eyuboglu S**, Demir N, Yilmaz B. Effect of c-Abl gene silencing by siRNA on proliferation of Mouse granulosa cells. 26-29 August, FEPS 2015, Kaunas, Lithuania. (Acta Physiologica) (S11-O1)

B.2 Akkaya H, **Eyuboglu S**, Erkanli G, Sumer E, Yilmaz B. Investigation of effects of kisspeptin10 in methionine induced lipid peroxidation in testis tissue of young male rats. 26-29 August, FEPS 2015, Kaunas, Lithuania. (Acta Physiologica) (P3-21)

B.3 Atasayan O, Agus S, Suakar O, **Eyuboglu S**, Bayrak O. F, Yilmaz B. Investigation of epigenetic changes in exfoliated mammary epithelial cells retrieved from lactating women. 26-29 August, FEPS 2015, Kaunas, Lithuania. (Acta Physiologica) (P3-22)

B.4 Kacar M, Seker F B, Tuna Guvenc B, Yazihan N, Ethemoglu S, **Eyuboglu S**, Yilmaz B. Midkine, TNF-a and cytochrome C expressions in kainic acid induced epileptic seizures in rats. 26-29 August, FEPS 2015, Kaunas, Lithuania. (Acta Physiologica) (P6-34)

B.5 Agus S, **Eyuboglu Dinc S**, Apaydin A, Sandal S, Vitrinel A, Yilmaz B. Comparison of exfoliated human mammary cells count with demographical and nutritional parameters of lactating mothers. 27-30 August, FEPS 2014, Budapest, Hungary. (Acta Physiologica, August 2014 Volume 211 Supplement 697: P16.3)

- B.6 Eyuboglu Dinc S**, Canpolat S, Akkaya H, Elibol Can B, Kilic E, Yilmaz B. Effects of chronic infusion of kisspeptin and its antagonist on cognitive functions and behavior in female rats. (2013). IUPS 2013 21-26 July 2013 Birmingham, UK. (PCC161)
- B.7 Browne E P**, Punska E, **Eyuboglu Dinc S**, Vitrinel A, Erdağ G, Anderton D L, Arcaro KF, Yilmaz B. “Promoter methylation in epithelial cells isolated from breast milk of women from Istanbul, Turkey”. American Association for cancer research Annual Meeting 2013, 6-10 Nisan 2013 Washington, DC. (Abstract number: 3646).
- B.8** Akkaya H, **Eyuboglu S**, Kilic E, Yilmaz B. Effects of kisspeptin-45 on neural lipid peroxidation in male rats. Joint FEPS and Spanish Physiological Society Scientific Congress 2012, 8-11 September 2012, Santiago de Compostela, Spain. (P232). (Acta Physiologica 2012; Volume 206, Supplement 693:P232)
- B.9 Eyuboglu S**, Kelestimur T, Kilic E, Kilic U, Yilmaz B. Endocrine modulatory effects of bisphenol A and oestradiol on the brain kisspeptin / GPR54 System in immature rat uterotrophic assay model (2011). Joint Congress of FEPS and Turkish Society of Physiological Sciences, 3- 7 September 2011, ISTANBUL (Acta Physiologica 2011; Volume 203, Supplement 686:OC13)
- B.10 Kilic U**, Yuksel A, Yilmaz B, **Eyuboglu S**, Ugur M, Kilic E. (2011). Are membrane-bound G protein coupled melatonin receptors MT1 and MT2 really necessary for the neuroprotective effects of melatonin in focal cerebral ischemia? Joint Congress of FEPS and Turkish Society of Physiological Sciences, 3-7 September 2011, ISTANBUL. (Acta Physiologica 2011; Volume 203, Supplement 686:PC016)
- B.11 Akkaya H**, **Eyuboglu S**, Kılıç E, Yılmaz B. Effects of kisspeptin an neural Lipid Peroxidation in male Rats Joint Congress of FEPS and Turkish Society of Physiological Sciences, 3-7 September 2011, ISTANBUL. (Acta Physiologica 2011; Volume 203, Supplement 686:PC232)
- B.12 Kilic U**, Ugur M, **Eyuboglu S**, Cevreli B, Cumbul A, Seker B, Yilmaz B, Kilic E. (2011). Neuroprotective effect of melatonin combined with Memantine in ischemic brain injury. XXVth International Symposium on Cerebral Blood Flow, Metabolism and Function & Xth International Conference of Quantification of Brain Function with PET, Barcelona, Spain, May 25-28, 2011 (abstract: A303-0010-01413).
- B.13 Eyuboglu S**, Kilic U, Ugur M, Seker B, Can B, Findik S, Yilmaz B and Kilic E. (2011). “Effects of melatonin and memantine on brain injury and intracellular signaling: roles of AKT p38 p21 and ERK1/2 phosphorylation”. British Society for Neuroendocrinology Annual Meeting, 3-5 July 2011, Cambridge University, P30.
- B.14 Kelestemur T**, **Eyuboglu S**, Sandal S and Yilmaz B. (2011). “Endocrine disruptive effects of polychlorinated biphenyls in transfected MCF-7 human breast cancer and H4IIE rat hepatoma cells using luciferase assay”. British Society for Neuroendocrinology Annual Meeting, 3-5 July 2011, Cambridge University, P37.
- B.15 Mete F**, Kilic E, **Eyuboglu S**, Vitrinel A, Kilic U and Yilmaz B. (2011). Effects of hyperthermia on neurogenesis and neurobehavior in the young male rat. The Physiological Society Annual Meeting, 11-14 July 2011, Oxford University, PC290.

C. Papers delivered at national conferences and printed as proceedings

C.1 Başer Ö, Eyubođlu S, Ađuř S, Yavuz Y, Bilgin V A, Topçu İC, Civař CC, Atasoy D, Yılmaz B. Alzheimer hastalıđı fare modelinde arkuat nükleusta bulunan kisspeptin nöronlarının mekansal öğrenme ve hafıza üzerindeki etkisinin farmakogenetik yöntemlerle araştırılması (Investigation of the effect of kisspeptin neurons in the arcuate nucleus on the spatial learning and memory in Alzheimer's disease by pharmacogenetic methods) 17th Turkish Neuroscience Congress, P-21, Trabzon, 4-7 Nisan 2019, (Anatomy, Volume 13, Suppl 1, March 2019, S68).

C.2 Eyubođlu S, Ađuř S, Yavuz Y, Başer Ö, İřođlu Alkaç Ü, Atasoy D, Yılmaz B. (2017) Kisspeptin Nöronlarının Sinaptik Bađlantılarının Fonksiyonel ve Anatomik Karakterizasyonu. 43. Ulusal Fizyoloji Kongresi, Pamukkale, 07-10 Eylül 2017.

C.3 Eyubođlu S, Ađuř S, Yavuz, İřođlu-Alkaç Ü, Atasoy D, Yılmaz B. (2017) Kisspeptin Nöronlarının Fare Beyinde Viral Vektörlerle Karakterizasyonu. 15. Ulusal Sinirbilim Kongresi, P-200, Sakarya, 07-10 Mayıs 2017.

C.4 Eyuboglu S, Yılmaz B. (2015). Eriřkin farelerde intra-habenular kisspeptin infüzyonunun locomotor aktivite ve anksiyete davranıřlarına etkileri (Effects of kisspeptin on locomotor activity and anxiety behavior in adult mice following intra-habenular infusion). 13. Ulusal Sinirbilimleri Kongresi (USK) 30 Nisan - 3 Mayıs 2015, Selçuk Üniversitesi, Konya, (P-108) (Anatomy, Volume 9, Suppl 1, April 2015, S68).

C.5 Dagdelen M, Eyuboglu S, Yılmaz B, Genc E. (2015). Parkinson modelinde valporik asidin P90RSK ve S6 Ribozomal proteinlerin ekspresyonu üzerine etkisi (Effect of valporic acid on the expression of P90RSK and S6 ribosomal proteins in Parkinson rat model). 13. Ulusal Sinirbilimleri Kongresi (USK) 30 Nisan - 3 Mayıs 2015, Selçuk Üniversitesi, Konya, (P-022) (Anatomy, Volume 9, Suppl 1, April 2015, S37).

C.6 Ethemoglu MS, Kaçar M, řeker FB, Yazıhan N, Eyuboglu S, Tuna BG, Yılmaz B. (2015). Sıçanlarda kainik asitle oluřturulmuř epileptik nöbetlerde midkin ekspresyonu (Midkine expression in kainic acid induced epileptic seizures in rats) (2015). 13. Ulusal Sinirbilimleri Kongresi (USK) 30 Nisan - 3 Mayıs 2015, Selçuk Üniversitesi, Konya, (P-058), (Anatomy, Volume 9, Suppl 1, April 2015, S50).

C.7 Eyuboglu Dinç S, Canpolat S, Kılıç E, Yılmaz B. Diři sıçanlarda Kisspeptin infüzyonu ve aromataz inhibisyonunun kongnitif fonksiyonlar ve davranıř üzerine etkileri (Effects of Kisspeptin Infusion and Aromatase inhibition on cognitive functions and behavior in female rats). 11. Ulusal Sinirbilim Kongresi, 28 Nisan-1 Mayıs 2013, Ege Üniversitesi, İzmir (P-069)

C.8 Akkaya H, Eyuboglu Dinç S, Kılıç E, Yılmaz B. (2012). Genç Sıçanlarda kisspeptin-10'un L-metiyoninle oluřturulmuř hiperhomosisteinemi testis dokusunda oksidatif stress üzerine etkilerinin araştırılması (Investigation of effects of kisspeptin-10 in methionine induced lipid peroxidation in testis tissue of young male rats). 38. Ulusal Fizyoloji Kongresi, 25-29 Eylül 2012 Trabzon, P12.

C.9 Eyubođlu S, Uđur M, Kılıç Ü, Cumbul A, Çevreli B, Can B, Yılmaz B ve Kılıç E. (2010). Anti-oksidan melatonin ve NMDA antagonisti memantin kombinasyonunun beyin felci sonrası oluřan beyin hasarı ve ödeme olan etkileri. 36. Ulusal Fizyoloji Kongresi, 14-17 Eylül 2010, Edirne, S26.

C.10 Eyubođlu S, Büyükğüçlü G, Uđur M, Gençol T, Piranen E, Kılıç U, Yılmaz B, Kılıç E. NMDA reseptör Antagonisti Memantin Beyin Felci Sonrası Oluřan Beyin Hasarına ve rt-PA Toksisitesine Olan Etkileri (Effect of NMDA antagonist Memantine on Brain Injury and rt-PA Toxicity after cerebral Ischemia) 9. Ulusal Sinirbilimleri Kongresi, 13-17 Nisan 2010 Yeditepe Üniversitesi, ISTANBUL (P-017), (Turk Norol Derg 2010; 16(Ek 1): 129-245).

C.11 Kılıç U, Uğur M, Yücel M, Eyuboğlu S, Büyükgüçlü G, Yılmaz B, Kılıç E. VEGF Tedavisinin Beyin Felci Sonrası Beyin Plastisitesi ve Fonksiyonel İyileşmeye olan Etkileri (Restorative Effects of VEGF on Brain Plasticity and Functional Recovery After stroke) 9. Ulusal Sinirbilimleri Kongresi, 13-17 Nisan 2010. Yeditepe Üniversitesi, ISTANBUL (P-015), (Turk Norol Derg 2010; 16(Ek 1): 129-245).

C.12 Uğur M, Kılıç U, Yılmaz B, Buyukguclu G, Piranen E, Eyuboglu S, Kılıç E. Melatonin reseptörlerinden MT1 ve MT2'nin beyin felci tedavisindeki rolleri (The roles of Melatonin receptor 1 and 2 in stroke treatment).9. Ulusal Sinirbilimleri Kongresi, 13-17 Nisan 2010 Yeditepe Üniversitesi, ISTANBUL. (P-018), (Turk Norol Derg 2010; 16(Ek 1): 129-245).

C.13 Karadeli H H, Eyuboglu S, Aktekin B, Kılıç E, Yılmaz B, Bingol Aykut C. Yeni doğan ratlarda kortikal displazi modelinde melatoninin davranış değişiklikleri üzerine etkileri (Effects of melatonin on behavioral changes in neonatal rat cortical dysplasia model). 9. Ulusal Sinirbilimleri Kongresi, 13-17 Nisan 2010 Yeditepe Üniversitesi, ISTANBUL. (P-028), (Turk Norol Derg 2010; 16(Ek 1): 129-245).

Membership in scholarly institutions

Membership	Year
Turkish Neuroendocrinology Society (TNED)	2009
Turkish Society of Physiological Sciences (TFBD)	2010
Neuroscience Society of Turkey (TÜBAS)	2010
Federation of European Physiological Societies (FEPS)	2010

Participation in projects

Project Name	Fund Resource	Title
Investigation of Roles of Kisspeptin-GPR54 System and Luteinising Hormone in Alzheimer's Disease Pathogenesis in Transgenic Mice Models by Optogenetics and Pharmacogenetics Methods	TUBİTAK-SBAG 115S327 2016-2018	Research staff
Investigation of Organochlorinated Pollutant Levels in Human Breast Milk, Routes of Contamination and Their Genotoxic Effects on Mammary Epithelial Cells	TUBİTAK-SBAG 113S155 2013-2016	Research staff

Awards and grants

- **Best Oral Presentation Award:** Agus S, Eyuboglu S, Solak H, Bilgin VA, Yavuz Y, Baser Ö, Kutlu S, Bingöl CA, Atasoy D, Yılmaz B. "Chronic manipulation of arcuate kisspeptin neurons in AB-142 induced mouse model of Alzheimer's disease". 3rd International Congress of Turkish Neuroendocrinology Society at the İnönü University, June 29-July 1 Malatya, Turkey 2018.
- **Young FEPS poster presentation Award:** Atasayan O, Agus S, Suakar O, Eyuboglu S, Bayrak OF, Sandal S, Yılmaz B. "Investigation of epigenetic changes in exfoliated mammary epithelial cells retrieved from lactating women" 26-29 August, FEPS 2015, Kaunas, Lithuania.
- **Poster presentation Award:** Eyuboglu Dinc S, Canpolat S, Kılıç E, Yılmaz B. "Dişi sıçanlarda Kisspeptin infüzyonu ve aromataz inhibisyonunun kongnitif fonksiyonlar ve davranış üzerine etkileri (Effects of Kisspeptin Infusion and Aromatase inhibition on cognitive functions and behavior in female rats)" 11. Ulusal Sinirbilim Kongresi, 28 Nisan-1 Mayıs 2013, Ege Üniversitesi, İzmir (P-069)
- **EPYS European Physiologist Young Scientist Oral Presentation Award (2nd):** Eyuboglu S, Kelestemur T, Kilic E, Kilic U, Yılmaz B. "Endocrine Modulatory Effects of Bisphenol A and Oestradiol on the Brain Kisspeptin/GPR54 System in Immature Rat Uterotrophic Assay Model" FEPS 2011, İstanbul, 3-7 Eylül 2011.
- **Oral Presentation Award (2nd):** Eyuboglu S, Kilic U, Uğur M, Seker B, Can B, Findik S, Yılmaz B and Kilic E. "Effects of melatonin and memantine on brain injury and intracellular signaling: roles of AKT p38 p21 and ERK1/2 phosphorylation". *British Society for Neuroendocrinology (BSN) Annual Meeting, 3-5 July 2011, Cambridge University, P30*

Courses taught over the last two academic years

2018/19-Fall

- **Undergraduate, Department of Nutrition and Dietetics, İstinye University, Istanbul**
Course: Physiology I

2018/19-Spring

- **Undergraduate, Department of Nutrition and Dietetics, İstinye University, Istanbul**
Course: Physiology II
- **Undergraduate, Department of Language and Speech Therapy, İstinye University, Istanbul**
Course: Neuroanatomy and Neurophysiology
- **Undergraduate, Department of Physiotherapy and Rehabilitation, İstinye University, Istanbul**
Course: Physiology II
- **Undergraduate, Department of Physiotherapy and Rehabilitation, İstinye University, Istanbul**
Course: Physiology II (in English)
- **Undergraduate, Department of Nursing, İstinye University, Istanbul**
Course: Physiology II (in English)

2018/19-Summer

- **Undergraduate, Department of Pharmacy, İstinye University, Istanbul**
Course: Physiology (in English)