

Prof. Dr. Kansu BÜYÜKAFŞAR



Name and surname: Kansu BÜYÜKAFŞAR,
Birth place and date: Kahramanmaraş, Turkey, 09.02.1969
Nationality: Turkish citizen
Marital status: Bachelor
Foreign Language: English (KPDS: 87/100, May-1997)
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Education

University: Pharmacy Faculty at Ege University, İzmir, 1986-1990
English Preparatory Course: Hayırlı Sabancı Centre for Foreign Languages at Çukurova University, Adana, 1990-1991
Master Degree: Department of Pharmacology Medical Faculty at Çukurova University, Adana, 1991-1994
Doctoral Degree: Department of Pharmacology Medical Faculty at Çukurova University, Adana, 1994-1996

Academic Careers

Research Assistant: Department of Pharmacology, Health Science Institute, Çukurova University, 1991-1996.

Assistant Professor: Department of Pharmacology Medical Faculty Mersin University, 1999-2000.

Associate Professor: Department of Pharmacology Medical Faculty Mersin University, 2000-2006.

Professor: Department of Pharmacology Medical Faculty Mersin University, 2006-

Memberships

1. Turkish Pharmacology Association
2. GEBİP, Turkish Academy of Sciences (TÜBA), 2002-2005

Administrative Affairs

1. Head of the Department of Medical Pharmacology, 1999-
2. Head of the Department of Stem Cell Research and Regenerative Medicine, 2019-
3. Member of the council of Health Science Institute at Mersin University.
4. Authorized officer for pharmacovigilance activity of Medical Faculty Hospital
5. Board member of the Committees for Rational Drug Use, and the Safety of Patients of the Medical Faculty Hospital

Awards

1. Best Graduate Award of 1990-term in the Pharmacy Faculty of Ege University, 1990.
2. Best research paper selected for Novartis Pharmacology Awards in 1999-2000 terms, 2001
3. Member of the Programme to Reward Successful Young Scientists (TÜBA-GEBİP), 2002
4. Best Young Researcher of the Award by Turkish Physiological Sciences, 2003
5. Best research paper selected for Novartis Pharmacology Awards in 2003-2004 terms, 2005
6. Best research paper selected for Novartis Pharmacology Awards in 2007-2008 terms, 2009

International Experiences

1. Fellow in Heymans Institute of Pharmacology, Ghent University, (February 1st-March 26th, 1994)
2. Postdoctoral fellow in the Division of Neuroscience and Biomedical Systems, Institute of Life Sciences and Biomedical Research, Glasgow University, Scotland, UK (January 24th-May 24th, 2000).
3. Lecturer at Near East University, Health Science Faculty, Turkish Republic of Northern Cyprus (2013-2018).

Full-text Articles (SCI and SCI-E)

1. İlhan E, **Büyükafşar K**, Tiftik RN, Seçilmiş MA, Alzayed Z. Effects of the Rho/Rho-kinase pathway on perfusion pressure in the isolated-perfused rat hind limb vascular bed. *Balkan Med. J.* 2021 (in press).
2. Görür K, **Büyükafşar K**, Akbaş E, İsmi O, Yolal-Ertural D, Çetinkaya A, Özcan C. RhoA, ROCK-1 and ROCK-2 Gene Expression and Polymorphisms in Cholesteatoma Patients. *J Int Adv Otol.* 2021 (in press)
3. Saylam B, Efesoy O, Bozdoğan Arpacı R, Tiftik RN, Tek M, **Büyükafşar K**, Bozlu M, Çayan S. The effect of testosterone replacement therapy on bladder functions, histology, apoptosis, and Rho-kinase expression in bladder outlet obstruction and hypogonadism rat model. *Turk J Med Sci.* 28;51(3):1491-1499, 2021.
4. Tiftik RN, Un I, Yetkin D. **Buyukafsar K**. Role of the Rho/Rho-kinase pathway in endometrial adenocarcinoma cell proliferation. *International Journal of Hematology and Oncology.* 2019, 4(29): 219-226.
5. Çarçak N, Yavuz M, Karamahmutoglu TE, Kurt AH, Küçük MU, Onat FY, **Büyükafsar K**. Suppressive effect of Rho-kinase inhibitors Y-27632 and fasudil on spike-and-wave discharges in genetic absence epilepsy rats from Strasbourg (GAERS). *Naunyn-Schmiedeberg's Arch. Pharmacol.* 391(11):1275-1283, 2018.
6. Telli G, Tel BC, **Büyükafşar K**, Gümüsel B. Effects of GPER-1 receptor activation on the reactivity of pulmonary vascular bed and its possible protective role on ischemia /reperfusion. *J. Res. Pharm.* 22(3):422-428, 2018.
7. Şahin L, Cevik OS, Koyuncu DD, **Buyukafsar K**. Role of rho-kinase (ROCK) in tonic but not phasic contraction in the frog stomach smooth muscle. *Life Sci.* pii: S0024-3205(18)30073-0, 2018.

8. Cor S, Altıntaş ZM, **Buyukafşar K**, Tiftik RN, Ata A, Arican A. Comparative investigation of antitumoral effectiveness of Rho-kinase inhibitor Y-27632, pravastatin and atorvastatin in anaplastic thyroid cancer cell culture. *J Oncol Sci.* 3:62-65, 2017.
9. Yeşilova M, Görür K, Ismi O, Özcan C, **Büyükafşar K**. The role of Rho/Rho-kinase pathway in the pathogenesis of cholesteatoma. *Otol Neurotol.* 38(4):516-520, 2017.
10. Kubat H, Yurtsever AS, **Büyükafşar K**. Rho/rho-kinase signalling in chronically alcohol-fed mice. *Turk J Med Sci.* 47(2):668-674, 2017.
11. Kurt AH, Macit E, Uzbay T, **Buyukafşar K**. Effects of ethanol withdrawal on the activity of rho-kinase in rat brain. *Bratisl Lek Listy.* 116(8):490-493, 2015.
12. Pektaş M, Kurt AH, Ün İ, Tiftik RN, **Büyükafşar K**. Effects of 17 β -estradiol and progesterone on the production of adipokines in differentiating 3T3-L1 adipocytes: Role of Rho-kinase. *Cytokine.* 72(2):130-134, 2015.
13. Tiftik RN, Başkurt OK, Kul S, **Büyükafşar K**. The functional significance of the rho/rho-kinase pathway in human erythrocytes. *Turk J Haematol.* 31(2):168-174, 2014.
14. Çayan S, Saylam B, Tiftik N, Ünal ND, Apa DD, Efesoy O, Çimen B, Bozlu M, Akbay E, **Büyükafşar K**. Rho-kinase levels in testicular ischemia-reperfusion injury and effects of its inhibitor, Y-27632, on oxidative stress, spermatogenesis, and apoptosis. *Urology.* 83(3): 675.e13-18, 2014.
15. Seçilmiş M, Özü O, Kıroğlu O, Singirik E, **Büyükafşar K**. The production of vasoconstriction-induced residual NO modulates perfusion pressure in rat mesenteric vascular bed. *Perfusion.* 29(6): 488-495, 2014.
16. Kurt AH, **Büyükafşar K**. Vasoconstriction induced by G1, a G-protein-coupled oestrogen receptor1 (GPER-1) agonist, in the isolated perfused rat kidney. *Eur J Pharmacol.*, 702: 71-78, 2013.
17. Kurt AH, Tiftik RN, Ün İ, Ulker S, **Büyükafşar K**. G protein-coupled estrogen receptor1 (GPER1) may mediate Rho-kinase (ROCK-2) up-regulation in coronary endothelial cells. *Endocr Regul.*, 47: 75-84, 2013.
18. Ün İ, Kurt AH, Batus A, **Büyükafşar K**. Alfacalcidol suppresses α -receptor-mediated vasoconstriction via an endothelium dependent mechanism. *Turk J Med Sci.*, 43: 238-244, 2013.
19. Ün İ., Kurt AH., **Büyükafşar K**. Hyperosmolar glucose induces vasoconstriction through Rho/Rho-kinase pathway in the rat aorta. *Fundam Clin Pharmacol.* 27: 244-251, 2013.

20. Yurtsever AS., Pektaş M., Özkur M., Ün İ., Erenmemişoğlu A., **Büyükafşar K.** Proton pump inhibitors omeprazole, lansoprazole and pantoprazole induce relaxation in the rat lower oesophageal sphincter. *J Pharm Pharmacol.*, 63: 1295-1300, 2011.
21. Güldali O., Savcı V., **Büyükafşar K.** CDP–choline induced contractions in the mouse gastric fundus through purinoceptors and Rho/Rho–kinase signalling. *Life Sci.*, 88: 473-479, 2011.
22. İnan SY., **Büyükafşar K.** Antiepileptic effects of two Rho-kinase inhibitors, Y-27632 and fasudil in mice. *Br. J. Pharmacol.*, 155: 44-51, 2008.
23. Baumhakel M., Schlimmer N., **Büyükafşar K.**, Arikan O., Böhm M. Nebivolol, but not metoprolol, improves endothelial function of the corpus cavernosum in apolipoprotein e-knockout mice. *J. Pharmacol., Exp. Ther.*, 325: 818-823, 2008.
24. Tiftik RN, Erol, A., Cinar MG, Kubat H., Ark M, Ulker S, **Büyükafşar K.** Nitric oxide does not downregulate Rho-kinase (ROCK-2) expression in rat coronary endothelial cells. *J. Cardiovasc. Pharmacol.*, 51: 140-147, 2008.
25. Turna B., Cinar MG., Canda AE., Orhan EC., Tiftik NR., Nazli O., **Büyükafşar K.** Role of Rho-kinase in contractions of ureters from rabbits with unilateral ureteric obstruction. *BJU Int.*, 100: 1166-1171, 2007.
26. Seçilmiş MA., Ozü OY., Emre M., **Büyükafşar K.**, Kiroglu OE, Ertuğ P, Karataş Y, Onder S, Singirik E. Urocortin induces endothelium-dependent vasodilatation and hyperpolarization of rat mesenteric arteries by activating Ca²⁺-activated K⁺ channels. *Tohoku J Exp Med.*, 213: 89-98, 2007.
27. **Büyükafşar K.**, Akça T., Tiftik RN., Şahan-Fırat S., Aydın S. Contribution of Rho-kinase in human gallbladder contractions. *Eur. J. Pharmacol.*, 540: 162-167, 2006.
28. Yazar A., **Büyükafşar K.**, Polat G., Pata C., Kanık A., Tiftik EN., Bağdatoğlu O. The urinary 5-hydroxyindole acetic acid and plasma nitric oxide levels in irritable bowel syndrome: a preliminary study. *Scott Med J.* 50: 27-29, 2005.
29. Şahan-Fırat S., Tiftik RN., Nacak M., **Büyükafşar K.** Rho kinase expression and its central role in the ovine gallbladder elicited by a variety of excitatory stimuli. *Eur. J. Pharmacol.*, 528: 169-175, 2005.
30. **K. Büyükafşar**, İ. Yalçın, A. H. Kurt, R. N. Tiftik, S. Şahan-Fırat and F. Aksu. Rho-kinase inhibitor, Y-27632, has an antinociceptive effect in mice. *Eur. J. Pharmacol.*, 541: 49-52, 2006.
31. Köksel, O, Yıldırım, Ç, Kubat, H, Tiftik, N, Tamer, L, Cinel, L, Kaplan, MB, Değirmenci, U, Özdülger, A, **K. Büyükafşar.** Rho-kinase (ROCK-1 and ROCK-2) upregulation in

- oleic acid-induced lung injury and its restoration by Y-2763. *Eur. J. Pharmacol.*, 510: 135-142, 2005.
32. A. Levent, **K. Büyükaşar**. Expression of Rho-kinase (ROCK-1 and ROCK-2) and its substantial role in the contractile activity of the sheep ureter. *Br. J. Pharmacol.*, 143: 431-437, 2004.
33. **K. Büyükaşar**, O. Arıkan, M. Ark, H. Kubat, E. Özveren. Upregulation of Rho kinase (ROCK-2) expression and enhanced contraction to endothelin-1 in the mesenteric artery from lipopolysaccharide-treated rats. *Eur. J. Pharmacol.*, 495, 211-217, 2004.
34. M. Ark, E. Özveren, G. Yazıcı, **K. Büyükaşar**, O. Arıkan, H. Kubat, E. Songu-Mize. Effects of HA-1077 and Y-27632 two Rho-kinase inhibitors in the human umbilical artery. *Cell Biochem. Biophys.*, 41: 331-342, 2004.
35. **K. Büyükaşar**, O. Arıkan, M. Ark, A. Seçilmiş, İ. Ün, E. Şingirik. Rho-kinase expression and its contribution to the control of perfusion pressure in the isolated rat mesenteric vascular bed. *Eur. J. Pharmacol.*, 485: 265-268, 2004.
36. Y. Kararataş, M.A. Seçilmiş, İ. Karayaylalı, F. Doran, **K. Büyükaşar**, E. Şingirik, Y. Sağlıker, A. Dikmen. Effect of tempol (4-hydroxy tempo) on gentamicin-induced nephrotoxicity in rats. *Fundam. Cli. Pharmacol.*, 18: 79-83, 2004.
37. **K. Büyükaşar**, A. Levent, M. Ark. Expression of Rho-kinase and its functional role in the contractile activity of the mouse vas deferens. *Br. J. Pharmacol.*, 140: 743-749, 2003.
38. **K. Büyükaşar**, İ. Ün. Effects of the Rho-kinase inhibitors, Y-27632 and fasudil on the corpus cavernosum from diabetic mice. *Eur. J. Pharmacol.*, 472: 235-238, 2003.
39. **K. Büyükaşar**, A. Levent. Involvement of Rho/Rho-kinase signalling in the contractile activity and acetylcholine release in the mouse gastric fundus. *Biochem. Biophys. Res. Commun.*, 303: 777-781, 2003.
40. **K. Büyükaşar**, A. Levent, İ. Ün, M. Ark, O. Arıkan, E. Özveren. Mediation of nitric oxide from photosensitive stores of the rabbit corpus cavernosum. *Eur. J. Pharmacol.*, 459: 263-267, 2003.
41. İ. Cinel, **K. Büyükaşar**, L. Cinel, A. Polat, Ş. Atıcı, L. Tamer, U. Oral. The role of poly (ADP-Ribose) synthetase inhibition in preventing endotoxemia-induced intestinal epithelial apoptosis. *Pharmacol. Res.*, 46: 19-127, 2002.
42. A. Yazar, G. Polat, İ. Ün, A. Levent, A. Kaygusuz, H. Çamdeviren, **K. Büyükaşar**. Effects of glibenclamide, metformin and insulin on the incidence and latency of death by ouabain-induced arrhythmias in mice. *Pharmacol. Res.*, 45:183-187, 2002.

43. P. Uçar-Ertuğ, **K. Büyükafşar**, E. Karabal-Kumcu, C. Göçmen, A. Seçilmiş, E. Şingirik, A. Dikmen, F. Baysal. Effects of some divalent cations on the nitregeric relaxations in the mouse corpus cavernosum. *Fundam. Cli. Pharmacol.*, 15: 343-348, 2001.
44. **K. Büyükafşar**, A. Yazar, D. Düşmez, H. Öztürk, G. Polat, A. Levent. Effect of trapidil, an antiplatelet and vasodilator agent on gentamicin-induced nephrotoxicity in rats. *Pharmacol. Res.*, 44:321-328, 2001.
45. **K. Büyükafşar**, S. Nelli, W. Martin. Formation of nitric oxide from nitroxyl anion: Role for quinone and ferricytochrome c. *Br. J. Pharmacol.*, 132: 165-172, 2001.
46. S. Nelli, M. Hillen, **K. Büyükafşar**, W. Martin. Oxidation of nitroxyl anion to nitric oxide by copper ions. *Br. J. Pharmacol.*, 131: 356-362, 2000.
47. **K. Büyükafşar**, E. Demirel-Yılmaz, C. Göçmen, A. Dikmen. Depletion and restoration of the putative photosensitive materials store yielding nitric oxide in the isolated mouse gastric fundus. *J. Pharmacol. Exp. Ther.*, 290: 768-773, 1999.
48. **K. Büyükafşar**, C. Göçmen, A. Seçilmiş, S. Göktürk, Y. Karataş, N.I. Kalyoncu. Evidence that the nitregeric neurotransmitter and endothelium-derived relaxing factor might be S- nitrosothiols in the isolated mouse corpus cavernosum. *Acta Med. Okayama*, 53: 209-215, 1999.
49. N. Ögülener, N. Yaktubay, **K. Büyükafşar**, A. Dikmen, F. Baysal. Some properties of the photorelaxation induced by UV light and possible role of nitric oxide in the isolated mouse gastric fundal smooth muscle. *As. Pas. J. Pharmacol.*, 11:109-120, 1996.

Theses Under Direct Supervision

1. Sıçan Arka Bacak Damar Yatağı Perfüzyon Basıncının Kontrolüne Rho/Rho-kinaz Yolağının Katkısı. Esra Yıldız. Yüksek Lisans Tezi, 2021 (in press).
2. Nitrik oksidin preadipositlerde (3T3-L1) proliferasyon, diferensiyasyon ve aktin hücre iskeleti organizasyonu üzerine etkileri: Rho/Rho-kinaz yolağının olası rolü. A. Sencer Yurtsever. Doktora Tezi, 2017.
3. Sıçan Böbrek Perfüzyon Basıncının Kontrolünde G-Protein ile İlişkili Estrojen Reseptörlerinin (GPER) Rolü. A. Hakan Kurt. Doktora Tezi, 2012.
4. Preadipositlerde (3T3-L1) estrojen ve progesteronun adipositokin salıverilmesi ve diferansiyasyon üzerine etkisi: Rho/Rho-kinaz yolağının olası katkısı. Dr. Mehtap Pektaş, İhtisas Tezi, 2011.

5. Sitidin 5'trifosfatın ürogenital, gastrointestinal, solunum sistem düz kasları üzerindeki etkileri. Ecz. Özge Güldali, Yüksek lisans Tezi, 2011.
6. İnsan eritrositlerinde Rho/Rho-kinaz sinyal ileti mekanizmasının fonksiyonel önemi. Dr. R. Nalan Tiftik, Doktora Tezi, 2009.
7. Koroner vasküler endotel hücre kültüründe seks hormonlarının Rho/Rho-kinaz yolağına etkisi. Vet. Hk. A. Hakan Kurt, Yüksek Lisans Tezi, 2008.
8. Alkolik farelerin beyin, korpus kavernosum ve aortasında Rho/Rho-kinaz yolağı. Dr. Havva Kubat İhtisas Tezi, 2007.
9. Koroner mikrovasküler endotel hücre kültüründe nitrik oksit (NO) ve Rho/Rho kinaz yolağı arasındaki ilişki Dr. R. Nalan Tiftik, Yüksek Lisans Tezi. 2005.
10. Sıçan mezenterik arterinde Rho-kinaz enzim ekspresyonu ve damar yatağı perfüzyon basıncı üzerinde Rho-kinaz inhibitörlerin etkisi. Ecz. Onur Arıkan, Yüksek Lisans Tezi, 2003.
11. Diyabetik fare aort, korpus kavernozum ve gastrik fundusunda Rho/Rho-kinaz sinyalizasyonunun incelenmesi. Dr. İsmail Ün, İhtisas Tezi, 2003.
12. Tavşan korpus kavernozumunda ultraviyole ışığı ile oluşturulan gevşemelerin doğası. Dr. Adnan Levent, Yüksek Lisans Tezi, 2002.

Keynote Speaker in International Meeting

1. **K. Büyükaşar.** Mas-Related G Protein-coupled Receptor X2 (MRGPRX2) and Allergy. 6th International Dermatology and Cosmetology Congress (INDERCOS 2021) 11-14 March, 2021.
2. **K. Büyükaşar.** Mast cell secretory drugs and foods. 5th International Dermatology and Cosmetology Congress (INDERCOS 2020). 12-15 March, 2020.
3. **K. Büyükaşar.** Sleeping beauty: Is it anti-aging? 5th International Dermatology and Cosmetology Congress (INDERCOS 2020). 12-15 March, 2020.
4. **K. Büyükaşar.** Stress and aging. 5th International Dermatology and Cosmetology Congress (INDERCOS 2020). 12-15 March, 2020.
5. **K. Büyükaşar.** Pharmacological Profile of Botulinum Toxin. 4th International Dermatology and Cosmetology Congress (INDERCOS 2019) 27-30 March, 2019.
6. **K. Büyükaşar.** Telomerase Activators for Antiaging. 4th International Dermatology and Cosmetology Congress (INDERCOS 2019) 27-30 March, 2019.

7. **K. Büyükafşar.** Mitochondrial Teory of Aging. 3rd International Dermatology and Cosmetology Congress (INDERCOS 2018) 14-17 March, 2018.
8. **K. Büyükafşar.** How does Stem Cell Work in Regeneration. 2nd International Dermatology and Cosmetology Congress (INDERCOS 2017) 15-18 March, 2017.
9. **K. Büyükafşar.** Rational Use of Medicine. 2nd International Dermatology and Cosmetology Congress (INDERCOS 2017) 15-18 March, 2017.
10. **K. Büyükafşar.** Rho/Rho-kinase signalling in Health and Diseases. EPHAR-2012, Granada, Spain
11. **K. Büyükafşar.** Role of Rho/Rho-kinase pathway in physiology and pathophysiology. 1. International Mediterranean Pharmacy Congress, 28-31 Ekim 2005, Mersin, Turkey.

Research Projects Supported by TÜBİTAK

1. The role of Rho/Rho-kinase pathway in the pathophysiology of absence epilepsy TÜBİTAK SBAG-113S221, 2013-2016 (**Project manager**) (Completed).
2. Course of how to write TÜBİTAK projects, BİDEB-2237, 2014. (**Coordinator and manager**) (Completed).
3. Effects of nitric oxide on proliferation, differentiation and organization of actin cytoskeleton in preadipocytes (3T3-L1): Possible role of Rho/Rho-kinase pathway. TÜBİTAK SBAG-110S451, 2011-2013 (**Project manager**) (Completed).
4. Role of Hsp90 in erectile function. TÜBİTAK SBAG-, 2010-2013 (**Consultant**) (Completed).
5. Effects of estrogen and progesterone on the differentiation and release of adipocytokines in preadipocytes (3T3-L1): Possible role of Rho/Rho-kinase pathway. TÜBİTAK SBAG-109S126, 2009-2011 (**Project manager**) (Completed).
6. Investigation of characteristics of Rho-kinase up-regulation of by estradiol in coronary microvascular endothelial cells. TÜBİTAK SBAG-108S421, 2009-2010 (**Project manager**) (Completed).
7. Effects of nitric oxide on Rho-kinase enzyme expression in cultured coronary microvascular endothelial cells. TÜBİTAK SBAG-2711, 2004-2006 (**Project manager**) (Completed).
8. Investigation of Rho/Rho-kinase pathway in the umbilical cord vasculature obtained from normal and preeclamptic pregnant. TÜBİTAK SBAG, 2002-2004 (**Researcher**) (Completed).

Authorship of Books or Book Chapters

1. **K. Büyükafşar**, İsmail Ün, R. Nalan Tiftik, S. Yurtsever. Translation of Pharmacology at a Glance, 2021
2. **K. Büyükafşar**. Muskarinik Reseptör Agonist ve Antagonistleri. Goodman and Gilman, Tedavinin Farmakolojik Temeli. Editör: Prof. Dr. Öner Süzer.
3. **K. Büyükafşar**. Muskarinik Reseptör Agonistleri ve Antagonistleri. Goodman and Gilman, Tedavinin Farmakolojik Temeli. 12. Baskı. Editör: Prof. Dr. Remzi Erdem. ISBN: 978-975-277-676-0.
4. **K. Büyükafşar**. Bilimsel Çalışmaların Sigorta Edilmesi ve Yürürlükteki Mevzuatın Değerlendirilmesi. Türkiye Bilimler Akademisi (TÜBA) Klinik Araştırmalarda Faz Çalışmaları ve Etik Kurullar Çalıştayı 13-14 Ocak 2017, İstanbul. TÜBA Yayınları, TÜBA Raporları No: 23, Editör: Prof. Dr. Taner Demirer, ISBN: 978-9944-252-95-9.

Citations

979 total citation with the **h index of 19**, August 6, 2021

Lectures at Universities

- Medical pharmacology for medical students at Mersin University (2000-) TR.
- Medical pharmacology for dentistry students at Mersin University (2019-) TR.
- Medical pharmacology for midwifery and nursing students at Mersin University (2001-2019) TR.
- Medical pharmacology for the students of Health Vocational High School at Mersin University (2019-2021) TR.
- Medical pharmacology for the students of Health Science Faculty at Near-East University (Turkish) (2014-2018), TRNC.
- Medical pharmacology for the foreign students of Health Science Faculty at Near-East University (English) (2016-2017), TRNC.
- Courses for how to write a scientific paper in health sciences for post-graduate students of Health Science Faculty at Near-East University, (Turkish) (2016-2018), TRNC.
- Courses for how to read and evaluate a scientific paper in health sciences for foreign post-graduate students of Health Science Faculty at Near-East University (English) (2017-2018), TRNC.

