**Assoc. Prof. Emine KILIÇ TOPRAK**

Pamukkale University Medical Faculty Department of Physiology Denizli/Turkey

pt\_emine@yahoo.com / ektoprak@pau.edu.tr

**Education:**

**License**, Dokuz Eylul University, School of Physical Therapy and Rehabilitation, Izmir, Turkey (2000-2004)

**Master**, Dokuz Eylul University, School of Physical Therapy and Rehabilitation, Izmir, Turkey **(2004-2007)**

**Master**, Pamukkale University, Graduate School of Health Sciences, Department of Physiology, Denizli, Turkey (2008-2010)

**PhD**, Pamukkale University, Graduate School of Health Sciences, Department of Physiology, Denizli, Turkey (2010-2015)

**Professional Experience:**

2020 -to date **Associate Professor,** Pamukkale University Medical Faculty Department of Physiology Denizli, Turkey

2018-2020, **Assistant Professor,** Pamukkale University Medical Faculty Department of Physiology Denizli, Turkey

2009-2018, **Instructor**, Pamukkale University, Denizli Health Sciences Vocational High School, Denizli, Turkey,

2004-2007, **Research assistant**, Dokuz Eylul University, School of Physical Therapy and Rehabilitation, Izmir, Turkey

**Administrative experience:**

2018- to date: Pamukkale University Faculty of Medicine Pre-Graduation Education Coordination Committee Membership

2018- to date: Pamukkale University Faculty of Medicine Term 2 Assistant Coordinator

2019- to date: Pamukkale University Experimental Surgery Application and Research Center Deputy Director:

**Research Interests and Skills:**

Exercise, Hemorheology, Oxidative Stress, DNA damage, Cell Culture, Polyphenols, Adipocyte, Obesity

**Publications:**

**A1.** B. Unver, V. Karatosun, **E. Kilic**, “The effects of external supports on knee flexion degree.”, *J Phys Ther Sci*, 20: 221-24, 2008.

**A2. E. Kilic-Toprak**, F. Ardic, G. Erken, F. Unver-Kocak, V. Kucukatay, M. Bor-Kucukatay, “Hemorheological responses to progressive resistance exercise training in healthy, young males.,” *Med Sci Monit,* 18(6): CR351-60, 2012.

**A3.** Y.T. Yaylali, I. Susam, E. Demir, M. Bor-Kucukatay, B. Uludag, **E. Kilic-Toprak**, G. Erken, D. Dursunoglu, “[Increased red blood cell deformability and decreased aggregation as potential adaptive mechanisms in the slow coronary flow phenomenon.”](http://www.ncbi.nlm.nih.gov/pubmed/23111584), *Coron Artery Dis,* 24(1): 11-5, 2013. doi: 10.1097/MCA.0b013e32835b0bdf.

**A4.** G. Erken, M. Bor-Kucukatay, **E. Kilic-Toprak**, B. Akdag, V. Kucukatay, ‘’[The effect of L-carnosine on erythrocyte deformability and aggregation according to the cell age in young and aged rats.](http://www.ncbi.nlm.nih.gov/pubmed/23909051)’’, *Acta Medica (Hradec Kralove),* 56(1):23-8, 2013.

**A5.** R. Kursunluoglu-Akcilar, **E. Kilic-Toprak**, O. Kilic-Erkek, S. Turgut, M. Bor-Kucukatay, “Apelin induced hemorheological alterations in DOCA-salt hypertensive rats.”, *Clin Hemorheol Microcirc,* 56(1): 75-82, 2014. doi: 10.3233/CH-121649.

**A6.** M. Bor-Kucukatay, R. Colak, G. Erken, **E. Kilic-Toprak**, V. Kucukatay, ‘’[Altitude training induced alterations in erythrocyte rheological properties: A controlled comparison study in rats.](http://www.ncbi.nlm.nih.gov/pubmed/23514970)’’, *Clin Hemorheol Microcirc,* 58(4): 479-88, 2014. doi: 10.3233/CH-131711.

**A7.** I. Toprak, V. Kucukatay, C. Yildirim, **E.** **Kilic-Toprak**, O. Kilic-Erkek, ‘’[Increased systemic oxidative stress in patients with keratoconus.’’](http://www.ncbi.nlm.nih.gov/pubmed/24310241), *Eye (Lond)*, Mart 28(3): 285-9, 2014. doi: 10.1038/eye.2013.262.

**A8.** G. Findikoglu, **E. Kilic-Toprak**, O. Kilic-Erkek, H. Senol, M. Bor-Kucukatay, ‘’[Acute effects of continuous and intermittent aerobic exercises on hemorheological parameters: A pilot study.](http://www.ncbi.nlm.nih.gov/pubmed/24961615)’’, *Biorheology*, 51(4-5):293-303, 2014. doi: 10.3233/BIR-14012.

**A9.** O. Kilic-Erkek, **E. Kilic-Toprak**, V. Kucukatay, M. Bor-Kucukatay, ‘’[Exercise training and detraining modify hemorheological parameters of spontaneously hypertensive rats.](http://www.ncbi.nlm.nih.gov/pubmed/25467762)’’, *Biorheology,* 51(6):355-67, 2014. doi: 10.3233/BIR-14030.

**A10.** **E. Kilic-Toprak,** I. Toprak, ‘’Future problems of uncorrected refractive errors in children.’’ [*Procedia - Social and Behavioral Sciences*](http://www.sciencedirect.com/science/journal/18770428)*,* [159](http://www.sciencedirect.com/science/journal/18770428/159/supp/C)(23):534–36, 2014.

**A11.** H. Tancer-Elci, Y. Isik-Balcı, M. Bor-Kucukatay, **E. Kilic-Toprak**, O. Kilic-Erkek, H. Senol, H. Aybek, ‘’[Investigation of hemorheological parameters at the diagnosis and the follow-up of nutritional vitamin b12 deficient children.’’](http://www.ncbi.nlm.nih.gov/pubmed/23719423), *Clin Hemorheol Microcirc,* Jul 27;60(3):273-82, 2015. doi: 10.3233/CH-131740.

**A12.** Y. Isik-Balci, H. Tancer-Elci, M. Bor-Kucukatay, O. Kilic-Erkek**, E. Kilic-Toprak** , H. Senol, S. Rota, ‘’[Investigation of hemorheological parameters at the diagnosis and follow up of children with iron deficiency anemia and mixed anemia.](http://www.ncbi.nlm.nih.gov/pubmed/24448733)‘’, *Clin Hemorheol Microcirc,* 16;60(2):179-89, 2015.

**A13. E. Kilic-Toprak**, A. Yapici, O. Kilic-Erkek, Y. Köklü, V. Tekin, U. Alemdaroglu, M. Bor-Kucukatay, ‘’[Acute effects of Yo-Yo intermittent recovery test level 1 (Yo-YoIR1) on hemorheological parameters in female volleyball players.](http://www.ncbi.nlm.nih.gov/pubmed/24840339)’’, *Clin Hemorheol Microcirc,* 16;60(2):191-9, 2015.

**A14.** O. Kilic-Erkek, Mergen-Dalyanoglu M, **E.** **Kilic-Toprak**, Ozkan S, Bor-Kucukatay M, Turgut S. ‘’Exercise training and detraining process affects plasma adiponectin level in healthy and spontaneously hypertensive rats.’’, *Bratisl Med J,* 116(12):741-5, 2015.

**A15.** O. Kilic-Erkek , **E. Kilic-Toprak**, S. Caliskan, Y. Ekbic, I. Hakkı Akbudak, V. Kucukatay, M. Bor-Kucukatay. ‘’Detraining reverses exercise-induced improvement in blood pressure associated with decrements of oxidative stress in various tissues in spontaneously hypertensive rats.’’ *Mol Cell Biochem,* 412(1-2):209-19, 2016. doi: 10.1007/s11010-015-2627-4.

**A16.** **E.** **Kilic-Toprak,** I. Toprak**,** O. Kilic-Erkek, V. Kucukatay, M. Bor-Kucukatay. ’’Increased erythrocyte aggregation in patients with primary open angle glaucoma.’’, *Clin Exp Optom*, Nov;99(6):544-9, 2016. doi: 10.1111/cxo.12388.

**A17.** Y. Isik-Balci, S. Yilmaz-Agladıoglu, K. Agladıoglu, **E. Kilic-Toprak**, O. Kilic-Erkek, B. Ozhan, A. Polat, M. Bor Kucukatay. ‘’Impaired Hemorheological Parameters in Children with Subclinical Hypothyroidism.’’, *Horm Res Paediatr,* 85(4):250-6, 2016. doi: 10.1159/000444363.

**A18. E. Kilic-Toprak,** B. Kiray-Vural, ‘’ Importance of Physical Exercise in Elderly People with Arterial Hypertension.’’, *Kasmera Journal*, 44(1):575-88, 2016.

**A19.** E.Ugurlu, **E. Kilic-Toprak**, G. Altinisik, O. Kilic-Erkek, B. Cengiz, V. Kucukatay, H. Senol, I. Hakkı Akbudak, Y. Ekbic, M. Bor-Kucukatay. ‘’ Increased erythrocyte aggregation and oxidative stress in patients with idiopathic interstitial pneumonia.’’, *Sarcoidosis Vasc Diffuse Lung Dis,* 33(4):308-16, 2016.

**A20.** E.Ugurlu, **E. Kilic-Toprak**, I.Can, O. Kilic-Erkek, G. Altinisik, M. Bor-Kucukatay. ‘’Impaired Hemorheology in Exacerbations of COPD.’’, *Can Respir J,* 2017:1286263, 2017. doi: 10.1155/2017/1286263.

**A21. E. Kilic-Toprak E**, O. Yaylali, Y.T. Yaylali, Y. Ozdemir, D. Yuksel, H. Senol, T. Sengoz, M. Bor-Kucukatay. ‘’Hemorheological dysfunction in cardiac syndrome X.’’, *Acta Cardiol,* Jun;73(3):257-265, 2018. doi: 10.1080/00015385.2017.1373967. Epub 2017 Sep 11.

**A22. E. Kilic-Toprak,** O. Kilic-Erkek, G. Abban-Mete, V. Caner, I.C. Baris, G. Turhan, V. Kucukatay, H. Senol, O. Kuru, M. Bor-Kucukatay. ‘’Contribution of Heme Oxygenase 2 to Blood Pressure Regulation in Response to Swimming Exercise and Detraining in Spontaneously Hypertensive Rats’’. *Med Sci Monit,* Aug 22;24:5851-5859, 2018. doi: 10.12659/MSM.908992.

**A23.** Y.T.Yaylali, **E.** **Kilic-Toprak**, Y. Ozdemir, H. Senol, M. Bor-Kucukatay. ‘’[Impaired Blood Rheology in Pulmonary Arterial Hypertension’’.](https://www.ncbi.nlm.nih.gov/pubmed/30253971) *Heart Lung Circ,* Jul;28(7):1067-1073, 2019. doi: 10.1016/j.hlc.2018.07.014.

**A24.** F. Unver, **E.** **Kilic-Toprak,** O. Kilic-Erkek, H. Korkmaz, Y. Ozdemir, B. Oymak, A. Oskay, M. Bor-Kucukatay. ‘’[Hemorheological alterations following an acute bout of nordic hamstring exercise in active male participants’’.](https://www.ncbi.nlm.nih.gov/pubmed/30320558) *Clin Hemorheol Microcirc,* 71(4):463-473, 2019. doi: 10.3233/CH-180402.

**A25. E. Kilic-Toprak,** F. Unver, O. Kilic-Erkek, H. Korkmaz, Y. Ozdemir, B. Oymak, A. Oskay, M. Bor-Kucukatay. ‘’Increased erythrocyte aggregation following an acute bout of eccentric isokinetic exercise does not exceed two days’’. *Biorheology,* 55(1):15-24, 2018. doi: 10.3233/BIR-180175.

**A26.** **E.** **Kilic-Toprak,** I. Toprak, S. Caliskan, Y. Ozdemir, O. Demirtas, F. Altintas, V. Kucukatay. ‘’Oxidative Stress and Genotoxicity in Pterygium: A Systemic Investigation’’. *Eye Contact Lens*, Nov;45(6):399-404, 2019. doi:10.1097/ICL.0000000000000620.

**A27.** T.Sengoz, **E.** **Kilic-Toprak**, O. Yaylali, O. Kilic-Erkek, Y. Ozdemir, B. Oymak, H. Senol, D. Yuksel, V. Kucukatay, M. Bor-Kucukatay. ‘’Hemorheology and oxidative stress in patients with differentiated thyroid cancer following I-131 ablation/metastasis Treatment’’. *Clin Hemorheol Microcirc* 74(2):209-221, 2020. doi: 10.3233/CH-190717.

**Abstracts and Presentations:**

**B1.** B. Unver, M. Karatosun, O. Altın, **E.** **Kilic,** V. Karatosun, "Evaluation of conception criteria- oriented enviromental characteristics of the health areas for geriatric people.", *Geriatrics 2006 International Congress of Elderly Health*, Abstract # P134 (Abstract book), Türk Geriartri Dergisi Suppl 1; 9/1; 92-93, İstanbul, Turkey, 2-6 April 2006.

**B2.** F. Unver-Kocak, **E.** **Kilic-Toprak,**  F. Ardıç, ‘’Compare of the postural control on physically active and inactive people", *10* th *International Sport Sciences Congress,* (Abstract book) Abstract # P178, p. 763-765, Bolu, İstanbul, 23-25 October 2008.

**B3.** E. Demir, I. Susam, B. Uludag, M. Bor-Kucukatay, D. Dursunoglu, YT Yaylali, **E. Kilic-Toprak**, G. Erken, “Evaluation of hemorheological parameters in patients with slow coronary flow” *Turkish-FEPS Physiology Congress*, Istanbul, Turkey, Abstract # PC059, 3-7 September, 2011.

**B4.** G. Findikoglu, A. Ozlü, **E.** **Kilic-Toprak,** F. Ardic, ’’ Effect of Combined Aerobic and Progressive Resistive Exercise on Aerobic Capacities of Obese People’’ *Turkish-FEPS Physiology Congress,* Istanbul, Turkey, Abstract # PC230, 3-7 September, 2011.

**B5.** G. Findikoglu, A. Ozlü, **E.** **Kilic-Toprak,** F. Ardic,’’ Effect of Combined Aerobic and Progressive Resistive Exercise on Body Composition of Obese People’’ *Turkish-FEPS Physiology Congress,* Istanbul, Turkey, Abstract # PC231, 3-7 September, 2011.

**B6.** G. Erken, M. Bor-Kucukatay, **E. Kilic-Toprak,** B. Akdag, V. Kucukatay, “Effects of L-Carnosine on blood rheological properties in density-separated erythrocytes of aged and young rats” *Turkish-FEPS Physiology Congress*, Istanbul, Turkey, Abstract # PC066, 3-7 September, 2011.

**B7.** M. Bor-Kucukatay, R. Colak, G. Erken, **E. Kilic-Toprak**, V. Kucukatay, “Altitude training induced alterations in erythrocyte rheological properties and oxidative stress.” *Turkish-FEPS Physiology Congress,* Istanbul, Turkey, Abstract # OC18(W1), 3-7 September, 2011.

**B8.** M. Bor-Kucukatay, R. Kursunluoglu-Akcilar, **E. Kilic-Toprak**, O, Kilic and S. Turgut, ’’Effects of Apelin on red blood cell mechanical properties in DOCA-salt hypertensive rats’’, [*14th International Congress of Biorheology and*](http://www.isb-isch2012.org/intro.htm) *7th International Conference on Clinical Hemorheology*, Abstract # P3, Biorheology, Vol. 49, Number 2-3, p. 200, IOS Press, Amsterdam, Istanbul, Turkey, 4-7 July, 2012.

**B9.** M. Bor-Kucukatay, R. Colak, G. Erken, **E. Kilic-Toprak**, V. Kucukatay. ‘’Altitude training induced alterations in erythrocyte rheological properties and oxidative stress.’’, [*14th International Congress of Biorheology and*](http://www.isb-isch2012.org/intro.htm) *7th International Conference on Clinical Hemorheology*, Abstract # 04-4, Biorheology Vol. 49, Number 2-3, p. 189, IOS Press, Amsterdam, Koç University, Istanbul, Turkey, 4-7 July, 2012.

**B10.** R. Colak, **E. Kilic-Toprak**, G. Erken, M. Bor-Kucukatay,” The effect of progressive resistance exercise training on some oxidative stress parameters in healthy, young males” *The VII International Congress of the Spanish Association of Sport Sciences,* Granada, Spain, 15-17 November 2012.

**B11.** I. Toprak, V. Kucukatay, C. Yildirim, **E.** **Kilic-Toprak**, Kilic-Erkek O, ‘’Oxidative status in keratoconus.’’, *SOE 2013 European Society of Ophthalmology Congress,* (Abstract E-Book), EP-COR-211, p. 63-64, Copenhagen, Denmark, 8-11 June 2013.

**B12.** Y. Isik-Balci, H. Tancer-Elci, M. Bor-Kucukatay, **E.** **Kilic-Toprak**, O. Kilic-Erkek, H. Senol, S. Rota, ‘’Investigation of hemorheological parameters at the diagnosis and follow up of children with iron deficiency anemia and mix anemia.’’, *18th Congress of the European Hematology Association* Abstract P,B1798, # EHA18ABSSUB-5130, Haematologica, p. 697-698, Stockholm, Sweden, 13-16 June, 2013.

**B13.** H. Tancer-Elci, Y. Isik-Balcı, M. Bor-Kucukatay, **E. Kilic-Toprak**, O. Kilic-Erkek, H. Şenol, H. Aybek, ‘’Investigation of hemorheological parameters at the diagnosis and follow up of nutritional vitamin B12 deficient children.’’, *18th Congress of the European Hematology Association,* Abstract P1017, # EHA18ABSSUB-4795, Haematologica, p. 419, Stockholm, Sweden, 13-16 June, 2013.

**B14. E. Kilic-Toprak**, I. Toprak, **‘’**Future Problems of Uncorrected Refractive Errors in Children.’’ *3rd World Conference on Design, Arts and Education*, *DAE-2014.* Abstract OC 8423, p. 31-32, Dubrovnik, Croatia, 02-03 May, 2014.

**B15.** O. Kilic-Erkek, **E. Kilic-Toprak**, I. Akbudak, V. Kucukatay, M. Bor-Kucukatay, ‘’Alterations of renal oxidative stress in response to exercise and detraining of 10 weeks in spontaneously hypertensive rats.’’, *5th International Congress on Cell Membranes and Oxidative Stres: Focus on Calcium Signaling and TRP Channels*. Abstract P84, Cell Membranes and Free Radical Research, Vol. 6, Number 1, p. 369-370. 9-12 September 2014, Isparta, Turkey.

**B16.** Y.Isik-Balcı, S. Yilmaz Agladıoglu, K. Agladıoglu, **E. Kilic- Toprak**, O. Kilic-Erkek, B. Ozhan, A. Polat, M. Bor-Kucukatay, “Effects of subclinically hypothyroidism on haemorheological parameters in paediatric population.” *54th Annual meeting of the European Society for Paediatric Endocrinology (ESPE), Barcelona, Spain*, Abstract # P3-1218, 1-3 October, 2015, Hormone Research in Paediatrics, Vol 84, Special Issue Supplement: 1 Page: 566.

**B17. E. Kilic-Toprak,** I. Toprak, O. Kilic-Erkek, V. Kucukatay, M. Bor-Kucukatay, “Increased erythrocyte aggregation in patients with primary open angle glaucoma.” *Joint Meeting of the FEPS and Baltic Physiological Societies*, Kaunas, Lithuania, Abstract # P1-8, 26-29 August, 2015, Acta Physiologica, Vol 215, Special Issue: SI Supplement: 705 Pages: 64 Meeting Abstract: P1-8 Published: NOV 2015.

**B18.** E.Ugurlu, **E. Kilic-Toprak**, G. Altinisik, O. Kilic-Erkek, B. Cengiz, V. Kucukatay, H. Senol, I.H. Akbudak, M. Bor-Kucukatay, “Investigation of hemorheological parameters in patients with interstitial lung diseases.”, *Joint Meeting of the FEPS and Baltic Physiological Societies,* Kaunas, Lithuania, Abstract # P1-9, 26-29 August, 2015, Acta Physiologica, Vol 215, Special Issue: SI Supplement: 705 Pages: 65 Meeting Abstract: P1-8 Published: NOV 2015.

**B19. E. Kilic-Toprak**, O. Yaylali, Y.T. Yaylali, Y. Ozdemir, Y. Ekbic, V. Kucukatay, D. Yuksel, H. Senol, T. Sengoz, M. Bor-Kucukatay. “Investigation of hemorheological parameters and oxidative stress in patients with cardiac syndrome X.”, *Joint Meeting of the FEPS and French Physiological Societies,* Paris, France, Abstract # P0.017, 29 June-01 July 2016, Acta Physiologica, 2016,217 (Suppl. 708), Page: 37.

**B20.** Y.T.Yaylali, **E. Kilic-Toprak**, Y. Ekbic, Y. Ozdemir, V. Kucukatay, H. Senol, N. Dursunoglu, M. Bor-Kucukatay. ‘’Decreased erythrocyte deformability and increased erythrocyte aggregation in patients with pulmonary hypertension.’’, *Joint Meeting of the FEPS and French Physiological Societies,* Paris, France, Abstract # P0.018, 29 June-01 July 2016, Acta Physiologica, 2016,217 (Suppl. 708), Page: 38.

**B21. E. Kilic-Toprak**, Y.T. Yaylali, Y.Ekbic, Y. Ozdemir, V. Kucukatay, H. Senol, N. Dursunoglu, M. Bor-Kucukatay. ‘’Investigation of DNA damage with comet assay in patients with pulmonary hypertension.’’, *Joint Meeting of the FEPS and French Physiological Societies,* Paris, France, Abstract # P0.024, 29 June-01 July 2016, Acta Physiologica, 2016,217 (Suppl. 708), Page: 40.

**B22.** U.AlemdarogluU, **E. Kilic-Toprak**, Y. Koklu, O. Kilic-Erkek, F. Unver-Kocak, Y. Ozdemir, A. Yapici, Y. Ekbic, M. Bor-Kucukatay. ‘’Time dependent hemorheological and oxidative stress responses to repeated sprint test and wingate anaerobic power and capacity test.’’, *Joint Meeting of the FEPS and French Physiological Societies,* Paris, France, Abstract # P0.088, 29 June-01 July 2016, Acta Physiologica, 2016,217 (Suppl. 708), Page: 67.

**B23.** Y. Yaylali, **E.** **Kilic-Toprak**, Y. Ekbic, Y. Ozdemir, V. Kucukatay, H. Senol, N. Dursunoglu, M. Bor-Kucukatay. ‘’[Increased Erythrocyte Aggregation And Decreased Erythrocyte Deformability In Patients With Pulmonary Arterial Hypertension](http://www.sciencedirect.com/science/article/pii/S073510971735307X).‘’, *American College of Cardiology’s 66th Annual Scientific Session,* Washington,Journal of the American College of Cardiology*,* Volume 69, Issue 11, Supplement, 21 March 2017, Page 1918.

**B24.** **E. Kilic-Toprak,** F. Unver, O. Kilic-Erkek, H. Korkmaz, Y. Ozdemır, B. Oymak, A. Oskay, M. Bor-Kucukatay. ‘’Time course of hemorheological alterations following an acute bout of isokinetic exercise in active male subjects.’’, *Joint Meeting of the Federation of European Physiological Societies and the Austrian Physiological Society with Participation of the Czech*, French, Italian, Slovak, Slovenian, Swiss and Turkish Physiological Societies, Vienna, Austria, September 13th-15th, 2017. Acta Physiologica, 2017, Vol 221 (Suppl. 713), Page: 144.

**B25.** F.Unver, **E.** **Kilic-Toprak,** O. Kilic-Erkek, H. Korkmaz, Y. Ozdemır, B. Oymak, A. Oskay, M. Bor-Kucukatay. ‘’Hemorheological Alterations Following an Acute Bout of Nordic Hamstring Exercise in Active Male Subjects.’’, *Joint Meeting of the Federation of European Physiological Societies and the Austrian Physiological Society with Participation of the Czech*, French, Italian, Slovak, Slovenian, Swiss and Turkish Physiological Societies, Vienna, Austria, September 13th-15th, 2017. Acta Physiologica, 2017, Vol 221 (Suppl. 713), Page: 145.

**B26.** **Kılıç-Toprak E.,** Y. Özdemir, Ö. Kılıç-Erkek, E.B. Tuzcu, İ. Türkçüer, Melek Bor-Küçükatay, “Pamukkale Üniversitesi Futbol ve Hentbol sporcularının vücut kompozisyonu ve bazal metabolizma hızlarının karşılaştırılması” 1st International Congress of Physical Education, Sport, Recreation and Dance, İstanbul, Turkey, 26-28 April, 2018.

**B27.** Özdemir Y., Ö. Kılıç-Erkek, **E. Kılıç-Toprak**, E.B. Tuzcu, İ. Türkçüer, Melek Bor-Küçükatay, “Pamukkale Üniversitesi Bayan Futsal takımı spocularının bazal metabolizma hızı ve vücut kompozisyonunun değerlendirilmesi” 1st International Congress of Physical Education, Sport, Recreation and Dance, İstanbul, Turkey, 26-28 April, 2018.

**B28. E. Kilic-Toprak**, T. Sengoz, O. Yaylalı, O. Kilic-Erkek, Y. Ozdemir, B. Oymak, H. Senol, D. Yuksel, V. Kucukatay, M. Bor-Kucukatay.’’ I-131 ablation / metastasis treatment may lead protective effects on lymphocyte DNA by activating repair mechanisms in patients with differentiated thyroid cancer’’ Europhysiology 2018, London, UK, 14-16 September 2018, PCB217, Page 403P.

**B29**. T. Sengoz, **E. Kilic-Toprak**, O. Yaylali, O. Kilic-Erkek, Y. Ozdemir, B. Oymak, H. Senol, D. Yuksel, V. Kucukatay and M. Bor-Kucukatay. ‘’ Dose-Dependent Hemorheological Impairment in Patients with Differentiated Thyroid Cancer Following I-131 Ablation /Metastasis Treatment’’. Europhysiology 2018, London, UK, 14-16 September 2018, PCB216, Page 403P.

**B30. E. Kilic-Toprak,** Y. Yaylali, Y. Ozdemir, V. Kucukatay, H. Senol and M. Bor-Kucukatay.’’Increased DNA damage with comet assay in patients with pulmonary hypertension.’’ Europhysiology 2018, London, UK, 14-16 September 2018, PCB008, Page 297P.

**B31**. **E. Kilic-Toprak**, I. Toprak, V. Yaylali, Y. Ozdemir,B. Oymak, M. Bor-Kucukatay and V. Kucukatay. ‘’Increased systemic oxidative stress index and DNA damage in patients with age-related macular degeneration.’’Europhysiology 2018, London, UK, 14-16 September 2018, PCB061, Page 325P.

**B32.** **E. Kilic-Toprak.** ‘’Amerikan futbolcuları, futbolcular ve sedanter bireylerin segmental vücut kompozisyon analizleri ve bazal metabolizma hızlarının karşılaştırılması.’’16. Uluslararası Spor Bilimleri Kongresi, 31.10.2018-03.11.2018, Antalya, SB462, Page 550-551.

**B33.** **E. Kilic-Toprak,** F. Unver. ‘’The Effects of Whole-Body Vibration Exercise on Hemorheological and Oxidative Stress Parameters’’. 5th International Conference of Physical Education and Sports Science, 4-6 December 2018, Nevşehir, OP36, Page 116-120.

**B34. E. Kilic-Toprak**, T. Sengoz, O. Yaylalı, O. Kilic-Erkek, Y. Ozdemir, B. Oymak, H. Senol, M. Bor-Kucukatay, V. Kucukatay, D. Yuksel ‘’Effects of I-131 ablation/metastasis treatment on DNA damage parameters in patients with differentiated thyroid cancer’’. Annual Congress of [European Association of Nuclear Medicine, EP0745, October 13-17 2018, Düsseldorf, Germany,](https://www.eanm.org/) European Journal Of Nuclear Medıcıne And Molecular Imagıng, 45 (suppl 1), page 599. ISSN: 1619-7070

**B35.** T. Sengoz, **E. Kilic-Toprak**, O. Yaylali, O. Kilic-Erkek, Y. Ozdemir, B. Oymak, H. Senol, D. Yuksel, V. Kucukatay and M. Bor-Kucukatay. ‘’ Dose-Dependent Hemorheological Impairment in Patients with Differentiated Thyroid Cancer Following I-131 Ablation /Metastasis Treatment’’. Annual Congress of  [European Association of Nuclear Medicine, EP0756, October 13-17 2018, Düsseldorf, Germany,](https://www.eanm.org/) European Journal Of Nuclear Medıcıne And Molecular Imagıng, 45 (suppl 1), page 603.

**B36.** H. C. Ozdamar, O. Kilic-Erkek, H. E. Akkaya, **E. Kilic-Toprak,** M. Bor-Kucukatay. ‘‘Investigation of the Effects of 10-Week Nordic Hamstring Exercise Training and Subsequent Detraining on Plasma Viscosity and Oxidative Stress Levels in Healthy Young Men’’. ’ICEIMISM 2020: 22nd International Conference on Exercise-Induced Muscle Injury to Skeletal Muscle, Apr 23-24, 2020 in New York, USA, abstract book, page 1528.

**D. Articles published in national peer-reviewed journals**

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**H index:** 6

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6. Spontan Hipertansif Sıçanlarda Egzersiz ve Onu İzleyen Egzersizi Bırakma (Detraining) Sürecinin Hemoreolojik Parametreler Üzerine Etkisi, Pamukkale University Scientific Research Project, 2013SBE003**,** 2013.
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20. Karvakrol'ün Adipositlerde İnflamasyon ve Endoplazmik Retikulum Stresi Üzerine Etkilerinin Araştırılması. P Pamukkale University Scientific Research Project, 2019BSP003, 2019.
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24. Kornea Endotel Hücrelerinde TGF-β ve İnhibitörlerinin Hücre Proliferasyonu ve Hücre Yaşlanması Üzerine Etkilerinin Araştırılması. Pamukkale University Scientific Research Project, 2020SABE026,2020.

**Awards:**

1. **Best Poster Award,** presented at the **American College of Cardiology’s 66th Annual Scientific Session & Expo**., ‘’Increased Erythrocyte Aggregation and Decreased Erythrocyte Deformability in Patients With Pulmonary Arterial Hypertension.’’**(17 -19 March 2017)**, **Washington DC, USA.**
2. **Poster Award,** **41. National Physiology Congress**“Subklinik Hipotiroidili Çocuklarda Hemoreolojik Parametrelerin Araştırılması ve Karotis İntima-Media Kalınlığı ile İlişkisinin İncelenmesi.”**(9-13 September 2015), Çanakkale.**
3. **Poster Award, Turkish Society 19th Year Congress** ‘’Increased erythrocyte aggregation and oxidative stress in patients with idiopathic interstitial pneumonia.*‘’***(6-10 April 2016), Antalya.**
4. **Poster Award,** presented at the **Europhysiology**.,‘’I-131 ablation/metastasis treatment may lead protective effects on lymphocyte DNA by activating repairmechanisms in patients with differentiated thyroid cancer.’’(**14-16 Semptember 2018), London, UK.**
5. **Poster Award, 44. National Physiology Congress**“Spontan Hipertansif Sıçanlarda Egzersiz ve Egzersizi Bırakma (Detraining) Süreçlerinin Böbrek Arilesteraz Enzim Aktivitesi Üzerine Olan Etkileri.”**(1-4 November 2018), Antalya, Port Nature Otel.**
6. **FEBS Short-Term Fellowship Award,** Federation of European Biochemical Societies (FEBS), **2019**

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**International experience:**

Miguel Hernandez University of Elche (Spain): Short term observership position in the field of "Research on bioactive compounds from plants. Applications in nutrition and sports sciences", **02.05.2019-26.07.2019**

**Orchid no:**

orcid.org/0000-0002-8795-0185