CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname:	Ahmet BELCE
Academic Title:	Professor Dr.
Work Address:	
Email:	abelce@biruni.edu.tr
Foreign Languages Known (Score and Year):	English, C2 Proficiency, 2018 German, A2 Elementary, 1992
Area of Expertise:	Health Sciences

Degree	Department/Program	University	Year
Doctorate		İstanbul University	1992
Medical Specialty	TEMEL TIP BİLİMLERİ BÖLÜMÜ		1988
Bachelor's Degree	BİYOKİMYA BÖLÜMÜ	Ege University	1988

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Streptozotocin (STZ) ile oluşturulan bir aylık diyabetin sıçan beyin dokusu ak ve gri maddelerindeki superoksid dismutaz enzimi aktivitelerine etkisi

Position Title	Workplace	Year
Professor Dr.	Bezmiâlem Vakıf University	2015-Continues
Professor Dr.	Biruni University	1997-Continues

Supervised Master's Theses:

1. 6-13 Yaşları Arasındaki Kistik Fibrozisli Hastaların Beslenme Durumunun Uyku ve Yaşam Kalitesi Üzerine Etkisi (2022)
2. Tip I diyabetiklerde süperoksid dismutaz ve sialik asid düzeylerinin değerlendirilmesi (1999)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Koroner arter hastalarında paraoksonaz aktivitesi ve lipoprotein oksidasyonunun tıkalı damar sayısı yönünden incelenmesi (2005)
2. Deneysel kafa travması modelinde travmanın şiddetine ve zamana bağımlı olarak plazmada ve beyin dokusunda guanaz, süperoksid dismutaz ve katalaz aktivitelerinin değerlendirilmesi (2001)

Administrative Duties:

1. Dean - Bezmiâlem Vakıf University (2011 - 2018)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Coskun A., Yegen C., Arbak S., Attaallah W., Gunal O., Elmas M. A., Ucal Y., Can O., Baş B., Yildirim Z. vd., "Melatonin in preservation solutions prevents ischemic injury in rat kidneys", *PLoS ONE*, vol. 17, no. 8, 2022.

A2. Belce A., Ozkan B. N., Dumlu F. S., Sisman B. H., Guler E. M., "Evaluation of Oxidative Stress and Inflammatory Biomarkers Pre and Post-Treatment in New Diagnosed Atherosclerotic Patients", *Clinical and Experimental Hypertension*, vol. 44, no. 4, pp. 320-325, 2022.

A3. Dağ A. D., Yanar K., Atayik M. C., Simsek B., Belce A., Çakatay U., "Early-adulthood caloric restriction is beneficial to improve renal redox status as future anti-aging strategy in rats", *Archives of Gerontology and Geriatrics*, vol. 90, 2020.

A4. Yanar K., Simsek B., Çaylı N., Övül Bozkır H., Mengi M., Belce A., Aydin S., Çakatay U., "Caloric restriction and redox homeostasis in various regions of aging male rat brain: Is caloric restriction still worth trying even after early-adulthood?: Redox homeostasis and caloric restriction in brain", *Journal of Food Biochemistry*, vol. 43, no. 3, 2019.

A5. Simsek B., Yanar K., Kansu A., Belce A., Aydin S., Çakatay U., "Caloric restriction improves the redox homeostasis in the aging male rat heart even when started in middle-adulthood and when the body weight is stable", *Biogerontology*, vol. 20, no. 1, pp. 127-140, 2019.

A6. Aydin S., Yanar K., Simsek B., Cebe T., Sitar M. E., Belce A., Çakatay U., "Galactose-induced aging model in rat testicular tissue", *Journal of the College of Physicians and Surgeons Pakistan*, vol. 28, no. 7, pp. 501-504, 2018.

A7. Erdoğan M. E., Aydın S., Yanar K., Mengi M., Kansu A. D., Cebe T., Belce A., Çelikten M., Çakatay U., "The effects of lipoic acid on redox status in brain regions and systemic circulation in streptozotocin-induced sporadic Alzheimer's disease model", *Metabolic Brain Disease*, vol. 32, no. 4, pp. 1017-1031, 2017.

A8. Erman H., Aksu U., Belce A., Atukeren P., Uzun D., Cebe T., Kansu A. D., Gelisgen R., Uslu E., Aydin S. vd., "Gender and chronological age affect erythrocyte membrane oxidative indices in citrate phosphate dextrose adenine-formula 1 (CPDA-1) blood bank storage condition", *General Physiology and Biophysics*, vol. 35, no. 3, pp. 343-351, 2016.

A9. Yanar K., Atukeren P., Cebe T., Kunbaz A., Ozan T., Kansu A. D., Durmaz S., Güleç V., Belce A., Aydln S. vd., "Ameliorative Effects of Testosterone Administration on Renal Redox Homeostasis in Naturally Aged Rats", *Rejuvenation Research*, vol. 18, no. 4, pp. 299-312, 2015.

A10. Tuzun S., Uzun H., Aydin S., Dinc A., Sipahi S., Topcuoglu M. A., Yucel R., Belce A., "Effects of flurbiprofen and tiaprofenic acid on oxidative stress markers in osteoarthritis: A prospective, randomized, open-label, active- and placebo-controlled trial", *Current Therapeutic Research - Clinical and Experimental*, vol. 66, no. 4, pp. 335-344, 2005.

A11. Tas F., Hansel H., Belce A., Ilvan S., Argon A., Camlica H., Topuz E., "Oxidative stress in breast cancer", *Medical Oncology*, vol. 22, no. 1, pp. 11-15, 2005.

A12. Soy O., Aslan Ö., Uzun H., Barut Ş., Akyildiz Iğdem A., Belce A., Çolak A., Gaviria M., Privat A., Baethmann A., "Time-level relationship for nitric oxide and the protective effects of aminoguanidine in experimental spinal cord injury", *Acta Neurochirurgica*, vol. 146, no. 12, pp. 1329-1336, 2004.

A13. Etus V., Belce A., "Total sialic acid levels decrease in the periventricular area of infantile rats with hydrocephalus", *Child's Nervous System*, vol. 19, no. 12, pp. 825-828, 2003.

A14. Etus V., Altug T., Belce A., Ceylan S., "Green tea polyphenol (-)-epigallocatechin gallate prevents oxidative damage on periventricular white matter of infantile rats with hydrocephalus", *Tohoku Journal of Experimental Medicine*, vol. 200, no. 4, pp. 203-209, 2003.

A15. Çolak A., Soy O., Uzun H., Aslan Ö., Barut S., Belce A., Akyildiz A., Taşyürekli M., "Neuroprotective effects of GYKI 52466 on experimental spinal cord injury in rats", *Journal of Neurosurgery*, vol. 98, no. 3, pp. 275-281, 2003.

A16. Aydin S., Ozaras R., Uzun H., Belce A., Uslu E., Tahan V., Altug T., Dumen E., Senturk H., "N-acetylcysteine reduced the effect of ethanol on antioxidant system in rat plasma and brain tissue", *Tohoku Journal of Experimental Medicine*, vol. 198, no. 2, pp. 71-77, 2002.

A17. Metin G., Atukeren P., Gümüştaş M. K., Belce A., Kayserilioglu A., "The effect of vitamin E treatment on oxidative stress generated in trained rats", *Tohoku Journal of Experimental Medicine*, vol. 198, no. 1, pp. 47-53, 2002.

A18. Uslu E., Ozen M., Aydin S., Altug T., Belce A., Kokoglu E., Ozen N., "Curcumin's effects on sialic acid level and sialidase activity in Ehrlich ascites tumor bearing mice", *Tohoku Journal of Experimental Medicine*, vol. 197, no. 4, pp. 221-227, 2002.

A19. Emir H., Akman M., Belce A., Gümüştaş K., Söylet Y., "Is intestinal ischemia a risk of laparoscopy? An experimental study in rabbits", *European Journal of Pediatric Surgery*, vol. 11, no. 3, pp. 177-181, 2001.

A20. Belce A., Uslu E., Kucur M., Umut M., Ipbüker A., Seymen H. O., "Evaluation of salivary sialic acid level and cu-zn superoxide dismutase activity in type 1 diabetes mellitus", *Tohoku Journal of Experimental Medicine*, vol. 192, no. 3, pp. 219-225, 2000.

A21. Tüzgen S., Kaynar M., Güner A., Gümüştaş K., Belce A., Etuş V., Özyurt E., "The effect of epidural cooling on lipid peroxidation after experimental spinal cord injury", *Spinal Cord*, vol. 36, no. 9, pp. 654-657, 1998.

A22. Kaynar M. Y., Hanci M., Kafadar A., Gümüştaş K., Belce A., Çiplak N., "The effect of duration of compression on lipid peroxidation after experimental spinal cord injury", *Neurosurgical Review*, vol. 21, pp. 117-120, 1998.

A23. Kaynar M. Y., Erdinçler P., Tadayyon E., Belce A., Gümüstas K., Çiplak N., "Effect of nimodipine and N-acetylcysteine on lipid peroxidation after experimental spinal cord injury", *Neurosurgical Review*, vol. 21, no. 4, pp. 260-264, 1998.

A24. Cetinkale O., Belce A., Konukoglu D., Senyuva C., Gumustas M., Tas T., "Evaluation of lipid peroxidation and total antioxidant status in plasma of rats following thermal injury", *Burns*, vol. 23, no. 2, pp. 114-116, 1997.

A25. Kökoglu E., Belce A., Özyurt E., Tepeler Z., "Xanthine oxidase levels in human brain tumors", *Cancer Letters*, vol. 50, no. 3, pp. 179-181, 1990.

A26. Kökoğlu E., Aktuğlu G., Belce A., "Leucocyte superoxide dismutase levels in acute and chronic leukemias", *Leukemia Research*, vol. 13, no. 6, pp. 457-458, 1989.

D. Articles published in national peer-reviewed journals:

D1. Güven Y., Ünür M., Bektaş K., Uslu E., Belce A., Demirez E., Can Ş., "Salivary malondialdehyde levels in patients with oral leukoplakia", *Turkish Journal of Medical Sciences*, vol. 35, no. 5, 2005.

D2. Kucur M., Tanriverdi T., Dashti R., Ak H., Yentur E., Belce A., Uzan M., Kaynar M. Y., "Superoxide dismutase, catalase, and guanase in traumatic brain injury", *Neurosurgery Quarterly*, vol. 15, no. 3, pp. 186-189, 2005.

D3. Akdoğan Kaymaz A., Telci A., Albeniz I., Belce A., Altuğ T., "Comparison of the metabolic and antioxidant effects of diltiazem and vitamin E on streptozotocin-diabetic rats", *Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine*, 2004.

D4. Metin G., Gümüştaş M., Belce A., Kayserilioglu A., "The Effect of Regular Swimming Exercise on Vitamin E Supplemented Male Rats", *Archives of Physiology and Biochemistry*, 2003.

D5. Metin G., Gümüştaş M. K., Uslu E., Belce A., Kayserilioglu A., "Effect of regular training on plasma thiols, malondialdehyde and carnitine concentrations in young soccer players", *Chinese Journal of Physiology*, vol. 46, no. 1, 2003.

D6. Tüzgen S., Uslu E., Tanriverdi T., Erdinçler P., Belce A., Uzan M., Kuday C., "Cerebral tissue sialic acid levels in experimental brain edema", *Turkish Neurosurgery*, vol. 13, 2003.

D7. Ünlü Y. A., Kaya E., Uzun H., Barut Ş., Belce A., Öz B., Çolak A., "The neuroprotective effects of ebselen in experimental spinal cord injury", *Turkish Neurosurgery*, vol. 12, 2002.

D8. Uslu E., Güzey F. K., Güzey D., Kucur M., Belce A., "Tissue and serum sialic acid levels in an animal head injury model.", *Ulusal travma dergisi = Turkish journal of trauma & emergency surgery : TJTES*, vol. 8, no. 2, 2002.

D9. Uslu E., Uslu I., Belce A., Erdil Y., Kokoglu E., "The relationship between the activity of thyroid peroxidase and thyroid disorders", *Medical Science Research*, vol. 22, no. 12, 1994.

D10. Belce A., Gumustas M., Altug T., Kokoglu E., Aslan M., Dincer I., Coskun A., Kiziltoprak S., "Alterations in oxygen radicals producing and scavenging enzymes in vitamin E and carbon tetrachloride treated rats", *Medical Bulletin of Istanbul Medical Faculty*, vol. 27, no. 2, 1994.

D11. Kokoglu E., Belce A., Gumustas K., Altug T., "A possible relationship between superoxide dismutase and chronic complications of diabetes mellitus in the brain", *Medical Science Research*, vol. 22, no. 11, 1994.

D12. Kaynar M., Hanci M., Kuday C., Belce A., Gumustas K., Kokoglu E., "Changes in the activity of antioxidant enzymes (SOD, GPX, CAT) after experimental spinal cord injury.", *The Tokushima journal of experimental medicine*, vol. 41, 1994.

D13. Kokoglu E., Belce A., Ozyurt E., "Cytosol superoxide dismutase content in human brain tumours", *Medical Science Research*, vol. 21, no. 13, 1993.