



CURRICULUM VITAE

Name and Surname: Ahmet BELCE
Date of Birth: 1960
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.	Bezmîâlem Vakıf University	2015-Continues
Professor Dr.	Biruni University	1997-Continues

Supervised Master's Theses:

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

Supervised Doctoral Theses/Proficiency Studies in Arts:

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

Administrative Duties:

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Melatonin in preservation solutions prevents ischemic injury in rat kidneys", PLoS ONE, 2022.
- A2. "Evaluation of Oxidative Stress and Inflammatory Biomarkers Pre and Post-Treatment in New Diagnosed Atherosclerotic Patients", Clinical and Experimental Hypertension, 2022.
- A3. "Early-adulthood caloric restriction is beneficial to improve renal redox status as future anti-aging strategy in rats", Archives of Gerontology and Geriatrics, 2020.
- A4. "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, 2019.
- A5. "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, 2019.
- A6. "Galactose-induced aging model in rat testicular tissue", Journal of the College of Physicians and Surgeons Pakistan, 2018.
- A7. "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, 2017.
- A8. "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, 2016.
- A9. "Ameliorative Effects of Testosterone Administration on Renal Redox Homeostasis in Naturally Aged Rats", Rejuvenation Research, 2015.
- A10. "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, 2005.
- A11. "Oxidative stress in breast cancer", Medical Oncology, 2005.
- A12. "Time-level relationship for nitric oxide and the protective effects of aminoguanidine in experimental spinal cord injury", Acta Neurochirurgica, 2004.
- A13. "Total sialic acid levels decrease in the periventricular area of infantile rats with hydrocephalus", Child's Nervous System, 2003.
- A14. "Green tea polyphenol (-)-epigallocatechin gallate prevents oxidative damage on periventricular white matter of infantile rats with hydrocephalus", Tohoku Journal of Experimental Medicine, 2003.
- A15. "Neuroprotective effects of GYKI 52466 on experimental spinal cord injury in rats", Journal of Neurosurgery, 2003.
- A16. "N-acetylcysteine reduced the effect of ethanol on antioxidant system in rat plasma and brain tissue", Tohoku Journal of Experimental Medicine, 2002.
- A17. "The effect of vitamin E treatment on oxidative stress generated in trained rats", Tohoku Journal of Experimental Medicine, 2002.
- A18. "Curcumin's effects on sialic acid level and sialidase activity in Ehrlich ascites tumor bearing mice", Tohoku Journal of Experimental Medicine, 2002.
- A19. "Is intestinal ischemia a risk of laparoscopy? An experimental study in rabbits", European Journal of Pediatric Surgery, 2001.
- A20. "Evaluation of salivary sialic acid level and cu-zn superoxide dismutase activity in type 1 diabetes mellitus", Tohoku Journal of Experimental Medicine, 2000.
- A21. "The effect of epidural cooling on lipid peroxidation after experimental spinal cord injury", Spinal Cord, 1998.
- A22. "The effect of duration of compression on lipid peroxidation after experimental spinal cord injury", Neurosurgical Review, 1998.
- A23. "Effect of nimodipine and N-acetylcysteine on lipid peroxidation after experimental spinal cord injury", Neurosurgical Review, 1998.
- A24. "Evaluation of lipid peroxidation and total antioxidant status in plasma of rats following thermal injury", Burns, 1997.
- A25. "Xanthine oxidase levels in human brain tumors", Cancer Letters, 1990.
- A26. "Leucocyte superoxide dismutase levels in acute and chronic leukemias", Leukemia Research, 1989.

D. Articles published in national peer-reviewed journals:

- D1. "Salivary malondialdehyde levels in patients with oral leukoplakia", Turkish Journal of Medical Sciences, 2005.
- D2. "Superoxide dismutase, catalase, and guanase in traumatic brain injury", Neurosurgery Quarterly, 2005.
- D3. "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. "The Effect of Regular Swimming Exercise on Vitamin E Supplemented Male Rats", Archives of Physiology and Biochemistry, 2003.
- D5. "Effect of regular training on plasma thiols, malondialdehyde and carnitine concentrations in young soccer players", Chinese Journal of Physiology, 2003.
- D6. "Cerebral tissue sialic acid levels in experimental brain edema", Turkish Neurosurgery, 2003.
- D7. "The neuroprotective effects of ebselen in experimental spinal cord injury", Turkish Neurosurgery, 2002.
- D8. "Tissue and serum sialic acid levels in an animal head injury model.", Ulusal travma dergisi = Turkish journal of trauma & emergency surgery : TJTES, 2002.
- D9. "The relationship between the activity of thyroid peroxidase and thyroid disorders", Medical Science Research, 1994.
- D10. "Alterations in oxygen radicals producing and scavenging enzymes in vitamin E and carbon tetrachloride treated rats", Medical Bulletin of Istanbul Medical Faculty, 1994.
- D11. "A possible relationship between superoxide dismutase and chronic complications of diabetes mellitus in the brain", Medical Science Research, 1994.
- D12. "Changes in the activity of antioxidant enzymes (SOD, GPX, CAT) after experimental spinal cord injury.", The Tokushima journal of experimental medicine, 1994.
- D13. "Cytosol superoxide dismutase content in human brain tumours", Medical Science Research, 1993.