CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname: Gül İpek GÜNDOĞAN

Academic Title: Associate Professor

Work Address:

Email: ggundogan@biruni.edu.tr

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Spermatozoon yüzey bağlanma proteinlerinden fertilin ve cryitestin'in insan ve koç spermatozoonlarındaki dağılımı

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

Koç spermatozoonlarının farklı gelişim aşamalarındaki yapısal farklılıklarının belirlenmesi

Position Title	Workplace	Year
Associate Professor	İstanbul Yeni Yüzyıl University	2023-2024
Assistant Professor	İstanbul Yeni Yüzyıl University	2017-2023
Research Assistant	İstanbul Yeni Yüzyıl University	2012-2017

Supervised Master's Theses:

1. Bor ve kemoterapatiklerle oluşturulan kombinasyonun meme kanseri hücreleri üzerinde ın vıtro etkisinin belirlenmesi (2023)
2. Tüp bebek tedavisinde mikro akışkan çip(sperm chip) ve yüzdürme (SWİM UP) yıkama yöntemlerinin embriyo gelişimine ve gebeliğe etkisi (2022)
3. Halojen ve led ışıklı dolgu cihazlarının insan gingiva hücreleri üzerindeki etkilerinin karşılaştırılması (2021)
4. İnvitro fertilizasyon hastalarından elde edilen granuloza hücrelerine curcumin in in vitro etkisi (2019)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Hipoksiye maruz bırakılan TM4 Sertoli hücre hattında Rheum ribes L. (Işkın)'nin fizyolojik etkileri (2025)

Administrative Duties:

1. Faculty Executive Board Member - İstanbul Yeni Yüzyıl University (2022 - 2024)
2. Faculty Board Member - İstanbul Yeni Yüzyıl University (2022 - 2024)
3. Other Administrative Task - İstanbul Yeni Yüzyıl University (2022 - 2024)
4. Other Academic Position - İstanbul Yeni Yüzyıl University (2017 - 2019)
5. Other Administrative Task - İstanbul Yeni Yüzyıl University (2016 - 2024)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Gündoğan G. İ., Yurttas A. G., Oltulu Y. M., Çıracı E., Arslan H. I., Elgün T., "Melatonin Differentially Modulates Temozolomide Responses in Glioblastoma and Endothelial Cells: Associations with Global DNA Methylation and Cortistatin Levels", *Current Issues in Molecular Biology*, vol. 48, no. 10, 2026.

A2. Çıracı E., Elgün T., Oltulu Y. M., Arslan H. I., Yurttas A. G., Gündoğan G. İ., Uzun L., Emekdas G., "In Vitro Effects of an Olive Polyphenol–Bromelain Formulation on U87MG Glioblastoma Cells: Viability, Cell-Cycle Distribution, Cytokine Release, and Total Antioxidant Capacity", *Molecules*, vol. 31, no. 18, 2026.

A3. Özdemir Nath E., Campos P., Le Cabec A., Gündoğan G. İ., Ergin D., Çetin A., Sönmez S., Destandau E., "Comparative Phytochemical and Biological Evaluation of Four Thymus Species From Türkiye for Dermocosmetic Applications", *Chemistry and Biodiversity*, vol. 23, no. 9, 2026.

A4. Özbek Kurtul B., Dündar B., Gündoğan G. İ., Sevinc S. K., Elgün T., Yurttaş A. G., "Method Comparison of PT, INR, and aPTT Results Obtained Using Two Coagulation Analyzers in Routine Laboratory Practice", *Diagnostics*, vol. 16, no. 18, 2026.

A5. Karalök M. H., Dündar B., Parmaksız A., Elgün T., Gündoğan G. İ., Gök Yurttaş A., "Age-Adjusted Associations Between Routine Systemic Inflammatory Markers and Anti-Müllerian Hormone in Reproductive-Age Women: A Retrospective Cross-Sectional Study", *Biomedicines*, vol. 14, no. 8, 2026.

A6. Elgün T., Müşteri Oltulu Y., Arslan H. I., Gündoğan G. İ., Çıracı E., Nazligul E., Abuaısha A. M., Emekdas G., "COORDINATED IMMUNOMODULATORY AND PROLIFERATIVE EFFECTS OF A POLYPHENOL-BROMELAIN COMBINATION IN J774 MACROPHAGES", *Comptes Rendus de L'Academie Bulgare des Sciences*, vol. 79, no. 3, pp. 368-375, 2026.

A7. Elgün T., Akgül Işık A., Çıracı E., Gündoğan G. İ., Ziksahna K., Arslan H. I., "Relationship between Aging and Ketogenic Diet: A Bibliometric Analysis (1995-2025)", *Endocrine, Metabolic & Immune Disorders - Drug Targets*, vol. 27, 2025.

A8. Ateş Uluçay G., Tamer A. Ş., Özkök E., Yorulmaz H., Gündoğan G. İ., Aksu A., Balkis N., "Utility of melatonin on brain injury, synaptic transmission, and energy metabolism in rats with sepsis", *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2025.

A9. Özdemir Nath E., Gündoğan G. İ., Kartal M., "Chemical components of thymbra spicata subsp. spicata l. essential oil and its in vitro physiological effects on human origin cell lines.", *Records of Natural Products*, vol. 17, no. 4, pp. 628-647, 2023.

A10. Gündoğan G. İ., İrez T., Bozkurt H. H., "¿Existe una relación entre la infertilidad y la distribución de la proteína fertilin β? Is there a relationship between infertility and fertilin β protein distribution?", *Revista Internacional de Andrología*, vol. 20, no. 4, pp. 240-248, 2022.

A11. Ateş Uluçay G., Özkök E., Gündoğan G. İ., Tamer A. Ş., "Effects of Ionotropic GABA Receptor Blockade on Septic Encephalopathy", *Acta Physiologica*, vol. 234, no. 724, pp. 41, 2022.

A12. Gündoğan G. İ., Durmuş S., Öztürk G. C., Küçükyeşil N., Acar Y. T., Balaban R., Kığ C., "A comparative study of the effects of gutta-percha solvents on human osteoblasts and murine fibroblasts", *Australian Endodontic Journal*, vol. 47, no. 3, pp. 569-579, 2021.

A13. Ateş Uluçay G., Gündoğan G. İ., Özkök E., Yorulmaz H., Tamer A. Ş., Yorulmaz H., "Effects of Melatonin on Brain Damage and Synaptic Transmission in Septic Rats", *Neuroendocrinology*, vol. 111, no. 1, pp. 26, 2021.

A14. Gündoğan G. İ., Aktaş A., "Immunolocalization of Fertilin β, IZUMO1, and P34H in Ram Spermatozoa", *Biopreservation and Biobanking*, vol. 19, no. 6, pp. 470-482, 2021.

A15. Gündoğan G. İ., Özdemir Nath E., "In vitro physiological effects of origanum onites L. (lamiaceae) essential oil treatment on human origin cell lines", *TURKISH JOURNAL OF BOTANY*, vol. 45, pp. 158-171, 2021.

A16. Gündoğan G. İ., "A simple and inexpensive method for evaluation of in vitro cell adhesion on screws", *Cytotechnology*, vol. 72, no. 6, pp. 847-854, 2020.

A17. Enginar N., Nurten A., Zengin Türkmen A., Gündoğan G. İ., Özünal Z. G., "Antimuscarinic-induced convulsions in fasted mice after food intake: no evidence of spontaneous seizures, behavioral changes or neuronal damage", *ACTA NEUROBIOLOGIAE EXPERIMENTALIS*, vol. 77, no. 4, pp. 373-381, 2017.

A18. Aktaş A., Esener O. B. B., Yiğit F., Bozkurt H. H., Gündoğan G. İ., Akyazı İ., Eraslan E., Ulkay M. B., "Yumurtaya Enjekte Edilen Farklı Dozlarda Borik Asitin Bursa Fabrisius ve Dalak Üzerine Etkileri: Histolojik ve Stereolojik Çalışma", *Kafkas Universitesi Veteriner Fakultesi Dergisi*, vol. 23, no. 2, pp. 185-193, 2016.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Gündoğan G. İ., "Chapter 10 Blood-Retina Barrier: Histological Structure and Functions", *A Histological Approach to Human Body Barriers*, Nova Publishers New York, 2025.

D. Articles published in national peer-reviewed journals:

D1. Kalaycı Yüksek F., Gümüş D., Gündoğan G. İ., Uyanık Öcal A., Elagül Tombul N., Küçüker A. M., "Cross-interactions between Norepinephrine, Methicillin-Resistant Staphylococcus aureus and Human Osteoblast Cells in Culture Conditions", *Experimed*, vol. 12, no. 2, pp. 85-93, 2022.

D2. Ateş Uluçay G., Özkök E., Gündoğan G. İ., Tamer A. Ş., "The Effects of Ionotropic GABA Receptor Blockage on Brain in Sepsis-induced Rats", *researchsquare preprint*, 2022.

D3. Gündoğan G. İ., Cıvak T., Kığ C., "Choice of implant surface-feature may affect the viability of the attached cells", *Experimed*, 2021.

D4. Gümüş D., Kalaycı Yüksek F., Gündoğan G. İ., Küçüker A. M., "The alterations on growth of a Uropathogenic E. coli with the effects of both different hormones and cell lines", *Kocaeli Medical Journal/ Kocaeli Tıp Dergisi*, vol. 9, no. 2, pp. 68-76, 2020.

D5. Kepekçi A. H., Gündoğan G. İ., Kığ C., "The evaluation of malignant mucosal melanoma of nasal cavity with a rare occasion", *Int J Physiol Pathophysiol Pharmacol.*, 2018.

D6. Enginar N., Nurten A., Zengin Türkmen A., Gündoğan G. İ., Özünal Z. G., "No evidence of spontaneous seizures, behavioral and cognitive changes or neuronal damage following convulsions in fasted animals induced by antimuscarinic treatment and food intake", *European Neuropsychopharmacology*, vol. 26, 2016.