

## Asst. Prof. SEFA BURAK ÇAM

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### Research Areas

Medicine, Histology and Embryology, Fundamental Medical Sciences

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2024 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Allogeneic bone marrow mesenchymal stem cell-derived exosomes alleviate human hypoxic AKI-on-a-Chip within a tight treatment window**  
Çam S. B., Çiftci E., Gürbüz N., ALTUN B., KORKUSUZ P.  
Stem Cell Research and Therapy, vol.15, no.1, 2024 (SCI-Expanded)
- II. **Human periodontal ligament stem cells-derived exosomes-loaded hybrid hydrogel enhances the calvarial defect regeneration in middle-age rats**  
Isik M., VARGEL İ., ÖZGÜR E., Cam S. B., KORKUSUZ P., EMREGÜL E., ODABAŞ S., DERKUŞ B.  
Materials Today Communications, vol.36, 2023 (SCI-Expanded)
- III. **Comparison of total anastomosis time between four different combinations of suturing and knot tying techniques in microsurgical anastomosis**  
Sert G., Aksoyler D., Kara M., Bolletta A., Losco L., Cam S. B., KORKUSUZ P., Chen H.  
JOURNAL OF PLASTIC SURGERY AND HAND SURGERY, vol.57, no.1-6, pp.240-246, 2023 (SCI-Expanded)
- IV. **Development and preclinical evaluation of virus-like particle vaccine against COVID-19 infection**  
Yilmaz I. C., İPEKOĞLU E. M., Bulbul A., Turay N., Yildirim M., Evcili I., Yilmaz N. S., Guvencli N., Aydin Y., Gungor B., et al.  
ALLERGY, vol.77, no.1, pp.258-270, 2022 (SCI-Expanded)
- V. **Effect of sterilization methods on the mechanical stability and extracellular matrix constituents of decellularized brain tissues**  
Yaldiz B., Saglam-Metiner P., Cam S. B., KORKUSUZ P., YEŞİL ÇELİKTAŞ Ö.  
JOURNAL OF SUPERCRITICAL FLUIDS, vol.175, 2021 (SCI-Expanded)

### Books & Book Chapters

- I. **Histoloji Laboratuvar Yardımcı Kitabı**  
Korkusuz P., Müftüoğlu S. F., Kaymaz F. F., Atilla P., Karakoç Sökmensüer L., Zeybek N. D., Bilgiç E., Zırh S., Kaya Z. B.,

Dođan D. E., et al.

Hacettepe Üniversitesi Yayınları, Ankara, 2020

**II. Histology Laboratory Guide Book**

KORKUSUZ P., MÜFTÜOđLU S. F., KAYMAZ F. F., ATILLA P., KARAKOÇ SÖKMENSÜER L., ZEYBEK N. D., BİLGİÇ E., ZIRH S., KAYA Z. B., DOĐAN D. E., et al.

Hacettepe Üniversitesi Yayın Evi, Ankara, 2020

**Refereed Congress / Symposium Publications in Proceedings**

- I. ALLOGENEIC BONE MARROW MESENCHYMAL STEM CELL-DERIVED EXOSOMES ALLEVIATE HYPOXIC ACUTE TUBULAR INJURY IN HUMAN PROXIMAL TUBULE ON A CHIP**  
Çam S. B., Çiftci Dede E., Gürbüz N., Altun B., Korkusuz P.  
ISSCR 2022 Annual Meeting, California, United States Of America, 15 - 18 June 2022, pp.345
- II. Allogeneic Bone Marrow Mesenchymal Stem Cell-Derived Exosomes Ameliorate Hypoxic Acute Tubular Injury in Human Proximal Tubule-on-a-Chip within a Precise Treatment Window**  
Çam S. B., Çiftci Dede E., Gürbüz N., İmren G., Taşkıran Z. E., Altun B., Korkusuz P.  
NICHE 2022, 15 th National and 1 st International Congress of Histology and Embryology, Ankara, Turkey, 26 - 28 May 2022, pp.179-183
- III. Takrolimus Nefrotoksitesinin Deđerlendirmesi İin Ü Boyutlu Böbrek Proksimal Tübül Modelinin Geliştirilmesi**  
Gürbüz N., Çam S. B., Gökyer F. Ş., Yılgör Huri P., Korkusuz P.  
NICHE 2022, 15 th National and 1 st International Congress of Histology and Embryology, Ankara, Turkey, 26 - 28 May 2022, pp.71-75
- IV. The Modelling and Functional Evaluation of Acute Hypoxic Proximal Tubule Injury on a 3D Microfluidic Platform**  
Çam S. B., Altun B., Korkusuz P.  
25. Ulusal Bilim ve Sempozyumu (BİOMED 2021), Ankara, Turkey, 18 - 19 December 2021, pp.15
- V. Human Kidney Proximal Tubule-on-a-Chip to Model Acute Hypoxic Tubular Injury in AKI**  
Çam S. B., Altun B., Korkusuz P.  
Kidney Week 2021, California, United States Of America, 4 - 07 November 2021, pp.152
- VI. 3 BOYUTU MİKROAKIŞKAN PROKSİMAL TÜBÜL YONGASI PLATFORMUNDA HİPOKSİK ABH'NİN MİKROSKOPİK OLARAK DEđerLENDİRMEİ**  
Çam S. B., Altun B., Korkusuz P.  
38. Ulusal Nefroloji Kongresi, Girne, Cyprus (Kkct), 13 - 17 October 2021, pp.75
- VII. COMBINED EFFECT OF POLY (GLY CEROL-SEBACAT) / TRICALCIUM PHOSPHATE SCAFFOLDNON BONE HEALING IN RAT ALVEOLAR DEFECT MODEL**  
AKYÜZ T., ÇAM S. B., KORKUSUZ P., AYDIN H. M., OCAK M., KÜÇÜKGÜVEN A., VARGEL İ.  
EORS 2020, Turkey, 17 September 2020

**Metrics**

Publication: 14

Citation (Scopus): 68

H-Index (Scopus): 3