

## Department of Histology and Embryology

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### **Research Areas:**

Male Infertility  
Animal Models of Male Infertility  
Animal Models of Urinary Bladder Disease  
Animal Models of Epilepsy  
Epileptogenesis  
Animal Models of Parkinson's Disease  
Neurogenesis  
Histochemistry  
Immunohistochemistry  
Immunoelectron microscopy

### **Recent Publications (2013- 2016)**

- Abueid L, Uslu Ü, Cumbul A, Velioglu Ögünç A, Ercan F, Alican İ. Inhibition of 5-lipoxygenase by zileuton in a rat model of myocardial infarction. *Anatol J Cardiol*. 2016 Nov 10. doi: 10.14744/AnatolJCardiol.2016.7248. PMID: 27849187
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- Özdemir-Kumral ZN, Özbeyli D, Özdemir AF, Karaaslan BM, Kaytaz K, Kara MF, Tok OE, Ercan F, Yeğen BÇ. Protective Effect of Nicotine on Sepsis-Induced Oxidative Multiorgan Damage: Role of Neutrophils. *Nicotine Tob Res*. 2016 Aug 3. pii: ntw198. PMID: 27613897
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- Bulut EC, Abueid L, Ercan F, Süleymanoğlu S, Ağırbaşı M, Yeğen BÇ. Treatment

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- Ersoy B, Bayramiçli M, Ercan F, Şirinoğlu H, Turan P, Numanoğlu A. Comparison of bone prefabrication with vascularized periosteal flaps, hydroxyapatite, and bioactive glass in rats. *J Reconstr Microsurg*. 2015 May;31(4):291-9. doi: 10.1055/s-0034-1396770. Epub 2015 Mar 18. PMID: 25785651
- Şener TE, Yüksel M, Özyılmaz-Yay N, Ercan F, Akbal C, Şimşek F, Şener G. Apocynin attenuates testicular ischemia-reperfusion injury in rats. *J Pediatr Surg*. 2015 Aug;50(8):1382-7. doi: 10.1016/j.jpedsurg.2014.11.033. Epub 2014 Nov 20. PMID: 25783298
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