

## Prof. DERYA KARAKOÇ

### Personal Information

**Email:** karakoc@hacettepe.edu.tr

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### Education Information

Expertise In Medicine, Hacettepe University, Genel Cerrahi, Turkey 1996 - 2002

Postgraduate, Hacettepe University, Tıp Fakültesi, Turkey 1990 - 1996

### Foreign Languages

English, C1 Advanced

### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, General Surgery, Experimental Surgery

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1996 - Continues

### Academic and Administrative Experience

Hacettepe Üniversitesi, Tıp Fakültesi, 2016 - Continues

Hacettepe Üniversitesi, Tıp Fakültesi, 2012 - 2013

### Advising Theses

KARAKOÇ D., Deneysel meme kanseri modelinde karaciğer rezeksiyonunun immünolojik etkileri, Expertise In Medicine, H.ANIL(Student), 2017

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

#### I. Liver resection modulates hepatic chemokine levels in breast cancer

DİNÇER H. A., Horzum U., Kursunel M. A., Yoyen-Ermis D., Ermis E., ÖZOĞUL E., AKKAPULU N., ESENDAĞLI G., KARAKOÇ D.

Surgery (United States), vol.174, no.2, pp.277-282, 2023 (SCI-Expanded)

#### II. Prognostic and predictive value of tumoral DNA damage repair protein expression in patients with resected pancreatic cancer

Ceylan F., Guven D. C., Taban H., Aktepe O., ŞAHİN T. K., Kilickap S., Turker A., Hamaloglu E., KARAKOÇ D., Isik A., et al.

Clinics and Research in Hepatology and Gastroenterology, vol.47, no.3, 2023 (SCI-Expanded)

- III. **CD66b(+) monocytes represent a proinflammatory myeloid subpopulation in cancer**  
Horzum U., Yoyen-Ermis D., Taskiran E. Z., Yilmaz K. B., HAMALOĞLU E., KARAKOÇ D., ESENDAĞLI G.  
CANCER IMMUNOLOGY IMMUNOTHERAPY, vol.70, no.1, pp.75-87, 2021 (SCI-Expanded)
- IV. **Human splenic polymorphonuclear myeloid-derived suppressor cells (PMN-MDSC) are strategically located immune regulatory cells in cancer**  
Tavukcuoglu E., Horzum U., Yanik H., ÜNER A., Yoyen-Ermis D., NURAL S. K., Aydin B., SÖKMENSÜER C., KARAKOÇ D., Yilmaz K. B., et al.  
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.50, no.12, pp.2067-2074, 2020 (SCI-Expanded)
- V. **Differential expansion of circulating human MDSC subsets in patients with cancer, infection and inflammation**  
Cassetta L., Bruderek K., Skrzeczynska-Moncznik J., Osiecka O., Hu X., Rundgren I. M., Lin A., Santegoets K., Horzum U., Godinho-Santos A., et al.  
JOURNAL FOR IMMUNOTHERAPY OF CANCER, vol.8, no.2, 2020 (SCI-Expanded)
- VI. **Cyst of the canal of nuck: A rare cause of inguinal swelling in women**  
EROL T., ÜNER M., KARAKOÇ D., HAMALOĞLU E.  
Nigerian journal of clinical practice, vol.22, no.10, pp.1457-1458, 2019 (SCI-Expanded)
- VII. **Analysis of Fusobacterium nucleatum and Streptococcus gallolyticus in saliva of colorectal cancer patients**  
Guven D. C., DİZDAR Ö., ALP A., AKDOĞAN KITTANA F. N., KARAKOÇ D., HAMALOĞLU E., Lacin S., Karakas Y., KILIÇKAP S., Hayran M., et al.  
BIOMARKERS IN MEDICINE, vol.13, no.9, pp.725-735, 2019 (SCI-Expanded)
- VIII. **The effects of cancer-associated fibroblasts obtained from atypical ductal hyperplasia on anti-tumor immune responses**  
Yavuz B. G., GÜNAYDIN G., KÖSEMEHMETOĞLU K., KARAKOÇ D., Ozgur F., Guc D.  
BREAST JOURNAL, vol.24, no.6, pp.1099-1101, 2018 (SCI-Expanded)
- IX. **Impact of repeated abdominal surgery on wound healing and myeloid cell dynamics**  
ESENDAĞLI G., Yoyen-Ermis D., Guseinov E., Aras C., Aydin C., ÜNER A., HAMALOĞLU E., KARAKOÇ D.  
JOURNAL OF SURGICAL RESEARCH, vol.223, pp.188-197, 2018 (SCI-Expanded)
- X. **Splenectomy-Induced Leukocytosis Promotes Intratumoral Accumulation of Myeloid-Derived Suppressor Cells, Angiogenesis and Metastasis**  
Sevmis M., Yoyen-Ermis D., Aydin C., BİLGİÇ E., KORKUSUZ P., ÜNER A., HAMALOĞLU E., ESENDAĞLI G., KARAKOÇ D.  
IMMUNOLOGICAL INVESTIGATIONS, vol.46, no.7, pp.663-676, 2017 (SCI-Expanded)
- XI. **Surgery of the Elderly Patient**  
KARAKOÇ D.  
INTERNATIONAL SURGERY, vol.101, pp.161-166, 2016 (SCI-Expanded)
- XII. **Nonfunctional Pancreatic Neuroendocrine Tumors: Advances in Diagnosis, Management, and Controversies**  
Dumlu E. G., KARAKOÇ D., ÖZDEMİR A.  
INTERNATIONAL SURGERY, vol.100, no.6, pp.1089-1097, 2015 (SCI-Expanded)
- XIII. **Intraductal Papillary Mucinous Neoplasm of the Pancreas: Current Perspectives**  
Dumlu E. G., KARAKOÇ D., ÖZDEMİR A.  
INTERNATIONAL SURGERY, vol.100, no.6, pp.1060-1068, 2015 (SCI-Expanded)
- XIV. **Histopathological Alterations in the Kidney Tissue Following Topical Ankaferd Hemostat Application in a Rat Renal Injury Model**  
KARAKOÇ D., Akar E., AKSU S., ÜNER A., ÖZDEMİR A., HAMALOĞLU E., Ozenc A., Dogrul A., Memedova B., HAZNEDAROĞLU İ. C.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.22, no.4, pp.275-281, 2012 (SCI-Expanded)
- XV. **Combined Long-Term Steroid and Immunosuppressive Treatment Regimen in Granulomatous**

## **Mastitis**

KONAN A., KALYONCU U., Dogan I., Kilic Y. A., KARAKOÇ D., AKDOĞAN A., KIRAZ S., Kaynaroglu V., ONAT D.  
BREAST CARE, vol.7, no.4, pp.297-301, 2012 (SCI-Expanded)

- XVI. **Scoring systems in the diagnosis of acute appendicitis in the elderly**  
KONAN A., HAYRAN K. M., KILIÇ Y. A., KARAKOÇ D., Kaynaroglu V.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.17,  
no.5, pp.396-400, 2011 (SCI-Expanded)
- XVII. **What changed in necrotizing fasciitis in twenty-five years?**  
Yildiz B., KARAKOÇ D., HAMALOĞLU E., ÖZDEMİR A., Ozenc A.  
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.5, no.16, pp.2229-2233, 2011 (SCI-Expanded)
- XVIII. **Lymph Node Surgery in Papillary Thyroid Carcinoma**  
KARAKOÇ D., Ozdemir A.  
INTERNATIONAL SURGERY, vol.95, no.2, pp.142-146, 2010 (SCI-Expanded)
- XIX. **The effect of hepatectomy on coagulation: an evaluation by thromboelastography**  
KARAKOÇ D., Hamaloglu E., Ozdemir A., Dogrul A., OZENC A.  
EUROPEAN JOURNAL OF GASTROENTEROLOGY & HEPATOLOGY, vol.22, no.1, pp.43-48, 2010 (SCI-Expanded)
- XX. **Intestinal Obstructions: What Has Changed So Far?**  
KARAKOÇ D., Memis A., Sayek I.  
INTERNATIONAL SURGERY, vol.94, no.4, pp.344-349, 2009 (SCI-Expanded)
- XXI. **Renal Cell Carcinoma Metastasis to Focal Nodular Hyperplasia Focus on Liver in a Patient With Von Hippel-Lindau Disease**  
DOĞRUL A. B., EROL T., KARAKOÇ D., HAMALOĞLU E., Ozdemir A., OZENC A.  
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.338, no.2, pp.159-160, 2009 (SCI-Expanded)
- XXII. **Thyroid surgery: what has changed from (1970 to 2004): a Turkish perspective**  
KARAKOÇ D., EROL T., MEMMEDOVA B., MEMIS A., SAYEK I.  
AMERICAN JOURNAL OF SURGERY, vol.198, no.1, pp.12-16, 2009 (SCI-Expanded)
- XXIII. **Mucoepidermoid Carcinoma of the Thyroid and the Parotid Glands**  
KARAKOÇ D., Ozdemir A., Hamaloglu E., Ozenc A., Sokmensuer C.  
AMERICAN SURGEON, vol.75, no.6, pp.519-520, 2009 (SCI-Expanded)
- XXIV. **Pancreaticojejunostomy after Pancreaticoduodenectomy: Results of a New Technique**  
Ozdemir A., KARAKOÇ D., Hamaloglu E., Ozenc A.  
HEPATO-GASTROENTEROLOGY, vol.56, no.90, pp.285-289, 2009 (SCI-Expanded)
- XXV. **Controversies in Periampullary Tumors**  
HAMALOĞLU E., Yildiz B. D., KARAKOÇ D.  
HEPATO-GASTROENTEROLOGY, vol.56, no.89, pp.54-58, 2009 (SCI-Expanded)
- XXVI. **Effect of Peritoneal Lavage on TNF-alpha, IL-1 beta, and IL-6 Levels and Mortality in Intra-Abdominal Infections**  
KARAKOÇ D., Sayek I.  
INTERNATIONAL SURGERY, vol.93, no.6, pp.346-353, 2008 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **A Snapshot of Oral Microbiota in Patients with Colorectal Cancer**  
GÜVEN D. C., ERGÜNAY K., BRINKMANN A., ALP A., AKDOĞAN KİTTANA F. N., AKYÖN YILMAZ Y., Yılmaz E.,  
KARAKOÇ D., HAMALOĞLU E., YALÇIN Ş., et al.  
Eurasian Journal of Medical Investigation, vol.5, no.2, pp.166-171, 2021 (Peer-Reviewed Journal)
- II. **Vaccination Rates and Adherence to Guidelines in Splenectomy Patients: An Observational Cross-sectional Study**  
ÇALIK BAŞARAN N., ÖZİŞİK L., UYAROĞLU O. A., DURUSU TANRIÖVER M., KARAKOÇ D., SAİN GÜVEN G.,  
HAMALOĞLU E., ÖZ Ş. G.

FLORA İNFEKSİYON HASTALIKLARI VE KLİNİK MİKROBİYOLOJİ DERGİSİ, vol.25, no.4, pp.589-594, 2020 (ESCI)

- III. **Unusual Presentation of a Cutaneous Malignancy: Giant Merkel Cell Carcinoma with Intra-abdominal Metastasis**  
ÇALIŞ M., EKİN Ö., Memis P., GÜNER G., KARAKOÇ D., ELÇİN G., AKSU A. E.  
TURKISH JOURNAL OF PLASTIC SURGERY, vol.26, no.3, pp.131-134, 2018 (ESCI)
- IV. **Multiple Giant Splenic Artery Aneurysms Causing Sinistral (Left-Sided) Portal Hypertension**  
Beksac K., KARAKOÇ D.  
CASE REPORTS IN GASTROINTESTINAL MEDICINE, 2016 (ESCI)
- V. **Multiple giant splenic artery aneurysm causing sinistral (left-sided) portal hypertension.**  
Beksaç K., KARAKOÇ D.  
Case reports in gastrointestinal medicine, 2016 (ESCI)
- VI. **A Case of Benign Intraductal Papilloma Presenting with a Giant Palpable Mass Located in the Breast**  
BEKSAÇ K., KURTULAN O., KÖSEMEHMETOĞLU K., KARAKOÇ D.  
Journal of Case Reports, vol.5, no.2, pp.528-531, 2015 (Peer-Reviewed Journal)
- VII. **Familial adenomatous polyposis associated desmoid tumors: Presentation of two cases with literature evaluation**  
Çelik S., Ozenc M. A., HAMALOĞLU E., KARAKOÇ D.  
TURKISH JOURNAL OF SURGERY, vol.27, no.4, pp.235-239, 2011 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Relationship between respiratory muscle strength and functional capacity in patients undergoing oncological abdominal surgery**  
KASAP F. R., VARDAR YAĞLI N., SAĞLAM M., İNAL İNCE D., ÇALIK KÜTÜKCÜ E., KARAKOÇ D., HAMALOĞLU E.  
European Respiratory Society International Congress, Milan, Italy, 9 - 13 September 2023, vol.62, pp.3393
- II. **Splenectomy-Induced Leukocytosis Promotes Intratumoral Accumulation of Myeloid-Derived Suppressor Cells, Angiogenesis and Metastasis**  
Yoyen-Ermis D., Sevmis M., Aydın C., Bilgic E., KORKUSUZ P., ÜNER A., Hamaloglu E., KARAKOÇ D., ESENDAĞLI G.  
1st European Symposium on Myeloid Regulatory Cells in Health and Disease, 1 - 03 November 2018
- III. **Analysis of spleen-derived MDSCs in pancreatic and gastric cancer patients**  
tavukcuoglu e., horzum u., Yoyen-Ermis D., aydin b., Yılmaz B. K., ÜNER A., KARAKOÇ D., Hamaloglu E., ESENDAĞLI G.  
1st European Symposium on Myeloid Regulatory Cells in Health and Disease, 1 - 03 November 2018
- IV. **Transcript variants of MDSC-related surface markers in breast cancer and colorectal cancer**  
horzum u., Yoyen-Ermis D., Yılmaz B. K., KARAKOÇ D., ESENDAĞLI G.  
1st European Symposium on Myeloid Regulatory Cells in Health and Disease, 1 - 03 November 2018
- V. **Kolorektal Kanserde 16S rDNA Sekanslama ile Oral Mikrobiyom Analizi**  
GÜVEN D. C., ERGÜNAY K., BRİNKMANN A., ALP A., AKDOĞAN KITTANA F. N., AKYÖN YILMAZ Y., YILMAZ E., KARAKOÇ D., HAMALOĞLU E., YALÇIN Ş., et al.  
2. Ulusal immünoterapi ve Onkoloji Kongresi, Antalya, Turkey, 31 October - 04 November 2018
- VI. **Analysis of Fusobacterium nucleatum, Streptococcus gallolyticus and Porphyromonas gingivalis in saliva in colorectal patients and healthy controls. Abst ID:"e15117"**  
GÜVEN D. C., DİZDAR Ö., ALP A., Akdoğan Kittana F. N., KARAKOÇ D., Hamaloglu E., LAÇİN Ş., KARAKAŞ Y., KILIÇKAP S., HAYRAN K. M., et al.  
2018 ASCO, Chicago, United States Of America, 1 - 05 June 2018
- VII. **Kolorektal Kanserli Hastalarda Ve Sağlıklı Kontrollerde Tükürükte Fusobacterium Nucleatum, Streptococcus Gallolyticus Ve Porphyromonas Gingivalis Analizi**  
GÜVEN D. C., DİZDAR Ö., ALP A., AKDOĞAN KITTANA F. N., KARAKOÇ D., HAMALOĞLU E., LAÇİN Ş., KARAKAŞ Y., KILIÇKAP S., HAYRAN K. M., et al.  
7. Türk Tıbbi Onkoloji Kongresi, Antalya, Turkey, 21 - 25 March 2018

- VIII. **Splenektomi Yapılan Hastalarda Bağışıklama Durumu: Bir Yıllık Gözlemsel Çalışma**  
ÇALIK BAŞARAN N., ÖZİŞİK L., DURUSU TANRIÖVER M., KARAKOÇ D., SAİN GÜVEN G., ÖZ Ş. G., HAMALOĞLU E.  
19. Ulusal İç Hastalıkları Kongresi, Antalya, Turkey, 11 October 2017, pp.190
- IX. **Immunization in patients undergoing splenectomy: one year observational study**  
ÇALIK BAŞARAN N., ÖZİŞİK L., DURUSU TANRIÖVER M., KARAKOÇ D., SAİN GÜVEN G., ÖZ Ş. G., HAMALOĞLU E.  
16th European Congress of Internal Medicine, 31 August - 02 September 2017
- X. **TİROİD CERRAHİSİ NELER DEĞİŞTİ**  
EROL T., AKYOLLU B., MEMEDOVA B. H., MEMİS A., KARAKOÇ D., SAYEK İ.  
ULUSAL CERRAHİ KONGRESİ 2006, Turkey, 24 - 28 May 2006

## Supported Projects

- KARAKOÇ D., YORGUN H., ÜNAL CANGÜL Ş., ER ÖZTAŞ Y., ESENDAĞLI G., KONAŞ E., ÇALIK BAŞARAN N., KILIÇASLAN B., EKİNCİ S., HELVACI E., et al., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Tıp Fakültesi Dergisi Acta Medica'nın Yapılandırılması, 2017 - 2019
- KARAKOÇ D., DİNÇER H. A., Ermiş D. Y., ESENDAĞLI G., Horzum U., Project Supported by Higher Education Institutions, Meme kanserinin karaciğer metastazında karaciğer rezeksiyonunun immünolojik etkileri, 2017 - 2018
- GÜÇ D., KARAKOÇ D., ÖZGÜR F. F., Gök B., Project Supported by Higher Education Institutions, Meme Kanserinde Normal Fibroblastlar ve Kansere İlişkili Fibroblastların Monosit Çağrılması Makrofaj Polarizasyonu ve İnvazyona Etkisi, 2016 - 2017
- KARAKOÇ D., Project Supported by Higher Education Institutions, Deneysel meme kanseri modelinde splenektominin tümörleşme ve metastaz üzerine immünolojik etkileri, 2014 - 2016

## Metrics

- Publication: 44  
Citation (WoS): 168  
Citation (Scopus): 137  
H-Index (WoS): 7  
H-Index (Scopus): 7