

## Prof. TARKAN KARAKAN

### Personal Information

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### Education Information

Postgraduate, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2002 - 2005

Postgraduate, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1994 - 2000

### Dissertations

Postgraduate, Kolon poliplerinde K-ras mutasyonu sıklığı, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2005

Postgraduate, Meme kanserli hastalarda tükrük salgısı ve serumda adenozin deaminaz (ADA) ve süperoksit dismutaz (SOD) düzeylerinin önemi, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2000

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2014 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2008 - 2014

### Advising Theses

KARAKAN T., Evaluation and Importance of Malnutrition in Inflammatory Bowel Patients, Expertise In Medicine, S.SOYLU(Student), 2020

KARAKAN T., Evaluation of relation between serum zonulin levels, depressive mood and anxiety in remission ulcerative colitis patients, Expertise In Medicine, T.ŞAHBAZOĞLU(Student), 2017

KARAKAN T., Relationship between disease progression and prognosis with inflammatory markers seen in first year after diagnosis in ulcerative colitis, Expertise In Medicine, R.EREN(Student), 2017

KARAKAN T., The effect of sleep disorders on activation of ulcerative colitis and cholangitis in remission, Expertise In Medicine, G.YAVUZ(Student), 2016

KARAKAN T., The effect of helicobacter pylori on blood lipid profile, Expertise In Medicine, H.Köklü(Student), 2014

KARAKAN T., Helicobacter pylori' nin kan lipid profili üzerine etkisi, Expertise In Medicine, H.KÖKLÜ(Student), 2014

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

- I. **Prophylactic versus endoscopy-driven treatment of crohn's postoperative recurrence: A retrospective, multicentric, european study [porcse study]**  
Geldof J., Truyens M., Hanssens M., Van Gucht E., Holvoet T., Elorza A., Bouillon V., Barros S., Martins V., Argyriou K., et al.  
Journal of Crohn's and Colitis, vol.18, no.8, pp.1202-1214, 2024 (SCI-Expanded)
- II. **World Gastroenterology Organisation Global Guidelines: Probiotics and Prebiotics**  
Guarner F., Sanders M. E., Szajewska H., Cohen H., Eliakim R., Herrera-deGuise C., KARAKAN T., Merenstein D., Piscocoya A., Ramakrishna B., et al.  
Journal of clinical gastroenterology, vol.58, no.6, pp.533-553, 2024 (SCI-Expanded)
- III. **A phase IIa active-comparator-controlled study to evaluate the efficacy and safety of efinopegdutide in patients with non-alcoholic fatty liver disease**  
Romero-Gómez M., Lawitz E., Shankar R. R., Chaudhri E., Liu J., Lam R. L., Kaufman K. D., Engel S. S., Bruzone S. O., Coronel M. J., et al.  
Journal of Hepatology, vol.79, no.4, pp.888-897, 2023 (SCI-Expanded)
- IV. **Effect of COVID-19 Pandemic on Hepatocellular Carcinoma Diagnosis: Results from a Single Turkey Center Study**  
BİLİCAN G., ÖZGÜL S., EKMEK N., Moral K., KÜÇÜK H., DUMANLI S., Abiyev A., KARAKAN T., KEKİLLİ M.  
Journal of gastrointestinal and liver diseases : JGLD, vol.32, no.3, pp.367-370, 2023 (SCI-Expanded)
- V. **2D Shear Wave Elastography as novel tool for the assessment of disease severity in patients with IBD**  
DEMİR E., CİNDORUK M., KARATAŞ A., KARAKAN T., Kilic G., Ergin M., CERİT M. N., ÖZBAŞ C., ÖZHAN OKTAR S., UÇAR M., et al.  
JOURNAL OF CROHNS & COLITIS, 2023 (SCI-Expanded)
- VI. **Artificial intelligence-based personalized diet: A pilot clinical study for irritable bowel syndrome**  
KARAKAN T., GÜNDOĞDU A., Alagozlu H., EKMEK N., ÖZGÜL S., Tunali V., Hora M., Beyazgul D., Nalbantoglu O. U.  
GUT MICROBES, vol.14, no.1, 2022 (SCI-Expanded)
- VII. **Risk of Malignancy Using the Diagnostic Categories Proposed by the World Health Organization International System for Reporting Pancreaticobiliary Cytopathology.**  
Gocun P. U., Simsek B., Ekinçi O., Ekmen N., Arhan M., Karakan T., Ibis M., Cindoruk M.  
Acta cytologica, vol.66, no.6, pp.475-485, 2022 (SCI-Expanded)
- VIII. **Changes in intestinal parameters and their association with dietary patterns in rotational shift workers**  
MORTAŞ H., BİLİCİ S., ÖZTÜRK H., KARAKAN T.  
CHRONOBIOLOGY INTERNATIONAL, vol.39, no.6, pp.872-885, 2022 (SCI-Expanded)
- IX. **World Gastroenterology Organisation Global Guidelines Diet and the Gut**  
Makharia G., Gibson P. R., Bai J. C., KARAKAN T., Lee Y. Y., Collins L., Muir J., ORUÇ N., Quigley E., Sanders D. S., et al.  
JOURNAL OF CLINICAL GASTROENTEROLOGY, vol.56, no.1, pp.1-15, 2022 (SCI-Expanded)
- X. **Etrolizumab versus adalimumab or placebo as induction therapy for moderately to severely active ulcerative colitis (HIBISCUS): two phase 3 randomised, controlled trials**  
Rubin D. T., Dotan I., DuVall A., Bouhnik Y., Radford-Smith G., Mishkin D. S., Arrisi P., Scalori A., Oh Y. S., Tole S., et al.  
The Lancet Gastroenterology and Hepatology, vol.7, no.1, pp.17-27, 2022 (SCI-Expanded)
- XI. **Strain-specific and outcome-specific efficacy of probiotics for the treatment of irritable bowel syndrome: A systematic review and meta-analysis**  
Mcfarland L., Karakan T., Karataş A.  
ECLINICALMEDICINE, vol.41, 2021 (SCI-Expanded)
- XII. **Low-Dose Lactulose as a Prebiotic for Improved Gut Health and Enhanced Mineral Absorption**  
KARAKAN T., Tuohy K. M., Janssen-van Solingen G.  
FRONTIERS IN NUTRITION, vol.8, 2021 (SCI-Expanded)
- XIII. **Gut-Brain-Microbiota Axis: Antibiotics and Functional Gastrointestinal Disorders.**

KARAKAN T., ÖZKUL KOÇAK C., Kupeli Akkol E., BİLİCİ S., Sobarzo-Sanchez E., Capasso R.

Nutrients, vol.13, no.2, 2021 (SCI-Expanded)

- XIV. **Succinivibrionaceae is dominant family in fecal microbiota of Behcet's Syndrome patients with uveitis**  
Tecer D, Gogus F. N., Kalkancı A., Erdogan M., Hasanreisoglu M., Ergin Ç., Karakan T., Kozan R., Coban S., Diker K. S.  
PLOS ONE, vol.15, no.10, 2020 (SCI-Expanded)
- XV. **The circadian disruption of night work alters gut microbiota consistent with elevated risk for future metabolic and gastrointestinal pathology**  
Mortaş H., Bilici S., Karakan T.  
CHRONOBIOLOGY INTERNATIONAL, vol.37, pp.1067-1081, 2020 (SCI-Expanded)
- XVI. **Trimebutine Maleate Monotherapy for Functional Dyspepsia: A Multicenter, Randomized, Double-Blind Placebo Controlled Prospective Trial**  
Kountouras J., Gavalas E., Papaefthymiou A., Tsechelidis I., Polyzos S. A., BOR S., Diculescu M., Jadallah K., Tadeusz M., KARAKAN T., et al.  
MEDICINA-LITHUANIA, vol.56, no.7, 2020 (SCI-Expanded)
- XVII. **Structural changes in gut microbiome after Ramadan fasting: a pilot study**  
Ozkul C., Yalinay M., Karakan T.  
BENEFICIAL MICROBES, vol.11, no.3, pp.227-233, 2020 (SCI-Expanded)
- XVIII. **Intermittent fasting and gut microbiota**  
KARAKAN T.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.30, no.12, pp.1008, 2019 (SCI-Expanded)
- XIX. **Islamic fasting leads to an increased abundance of Akkermansia muciniphila and Bacteroides fragilis group: A preliminary study on intermittent fasting**  
ÖZKUL KOÇAK C., Yalinay M., KARAKAN T.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.30, no.12, pp.1030-1035, 2019 (SCI-Expanded)
- XX. **Can pancreatic steatosis affect exocrine functions of pancreas?**  
TAHTACI M., ALGIN O., KARAKAN T., TAYFUR YÜREKLİ Ö., Alisik M., Koseoglu H., Metin M. R., Bolat A. D., EREL Ö., ERSOY O.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.29, no.5, pp.588-594, 2018 (SCI-Expanded)
- XXI. **Use of Proton Pump Inhibitors and risk of gastric cancer**  
KARAKAN T.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.29, no.1, pp.143-144, 2018 (SCI-Expanded)
- XXII. **Fecal microbiota transplantation for treating recurrent hepatic encephalopathy: Ready for clinical application?**  
KARAKAN T.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.28, no.5, pp.425-426, 2017 (SCI-Expanded)
- XXIII. **Determination of certain bacterial groups in gut microbiota and endotoxin levels in patients with nonalcoholic steatohepatitis**  
ÖZKUL KOÇAK C., Yalinay M., KARAKAN T., Yilmaz G.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.28, no.5, pp.361-369, 2017 (SCI-Expanded)
- XXIV. **efficacy and safety of saccharomyces boulardii in the 14 day triple anti helicobacter pylori therapy**  
CİNDORUK M., KARAKAN T., ÜNAL S.  
Helicobacter, 2017 (SCI-Expanded)
- XXV. **European Crohn's and Colitis Organisation Topical Review on Environmental Factors in IBD**  
Maaser C., Langholz E., Gordon H., Burisch J., Ellul P., Ramirez V. H., KARAKAN T., Katsanos K. H., Krustins E., Levine A., et al.  
JOURNAL OF CROHNS & COLITIS, vol.11, no.8, pp.905-920, 2017 (SCI-Expanded)
- XXVI. **Determination of probiotic concept product consumption among people of ages 14-65**  
KAYA P. S., KARAKAN T., Sezgin S., AYDIN AVCI İ., Arusoglu G.  
PROGRESS IN NUTRITION, vol.18, no.2, pp.111-117, 2016 (SCI-Expanded)
- XXVII. **comparison of early enteral nutrition in severe acute pancreatitis with probiotic fiber**

**supplementation versus standard enteral solution**

KARAKAN T., CİNDORUK M., ÜNAL S.

world journal of gastroenterology, 2016 (SCI-Expanded)

- XXVIII. **The efficacy of a through-the-scope sodium phosphate solution with completion colonoscopy on the same day as a salvage option for inadequate bowel cleansing**  
İBİŞ M., Onal I. K., ARHAN M., KARAKAN T., Karatay E., Utku O. G., Erdal H., DOĞAN İ.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.4, pp.1089-1093, 2016 (SCI-Expanded)
- XXIX. **EUS versus endoscopic retrograde cholangiography for patients with intermediate probability of bile duct stones a prospective randomized trial**  
KARAKAN T., CİNDORUK M., alagözlü h., ergun m., DUMLU G. Ş., ÜNAL S.  
Gastrointestinal Endoscopy, 2016 (SCI-Expanded)
- XXX. **Pancreatic metastasis in a case of small cell lung carcinoma diagnosed by EUS**  
KARAKAN T., Cengiz M., İBİŞ M., AKYÜREK N., Unal S.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.26, no.1, pp.53-55, 2015 (SCI-Expanded)
- XXXI. **Long-term antibiotics and PPIs induce bacterial translocation in patients with cirrhosis: Antibiotics are not always ANTI-biotics**  
KARAKAN T.  
Turkish Journal of Gastroenterology, vol.25, no.4, pp.472, 2014 (SCI-Expanded)
- XXXII. **Analysis of risk factors associated with complications of colonic stenting for malignant obstruction**  
Dindar G., ÜSTÜNDAĞ Y., KARAKAN T.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.20, no.27, pp.9215-9216, 2014 (SCI-Expanded)
- XXXIII. **Fecal microbiota transplant in immunocompromised patients: Encouraging results in a vulnerable population**  
Karakan T.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.25, no.3, pp.346, 2014 (SCI-Expanded)
- XXXIV. **International Multidisciplinary Classification of Acute Pancreatitis Severity: The 2013 Spanish Edition Clasificación Internacional y Multidisciplinaria de la Pancreatitis Aguda: Edición española 2013**  
Patchen Dellinger E., Forsmark C., Lévy P., Shimosegawa T., Windsor J., Petrov M., Abu Hilal M., Ammori B., Bharwani N., Carter C., et al.  
Medicina Intensiva, vol.38, no.4, pp.211-217, 2014 (SCI-Expanded)
- XXXV. **Gut microbiota modulation in cirrhosis: A new frontier in hepatology**  
Karakan T.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.25, no.1, pp.126, 2014 (SCI-Expanded)
- XXXVI. **Primary Squamous Cell Carcinoma of the Stomach: A Case Report**  
Tonyali O., Benekli M., KARAKAN T., KEREM M., DURSUN A., Coskun U., Buyukberber S.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.24, no.3, pp.219-220, 2014 (SCI-Expanded)
- XXXVII. **Comparison of double balloon enteroscopy in adults and children**  
EĞRİTAŞ GÜRKAN Ö., KARAKAN T., DOĞAN İ., DALGIÇ B., Unal S.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.19, no.29, pp.4726-4731, 2013 (SCI-Expanded)
- XXXVIII. **Determinant-Based Classification of Acute Pancreatitis Severity International Multidisciplinary Classification of Acute Pancreatitis Severity: The 2013 German Edition**  
Dellinger E. P., Forsmark C. E., Levy P., Petrov M. S., Shimosegawa T., Siriwardena A. K., Whitcomb D. C., Windsor J., Abu Hilal M., Abu-Zidan F., et al.  
ZEITSCHRIFT FÜR GASTROENTEROLOGIE, no.6, pp.544-550, 2013 (SCI-Expanded)
- XXXIX. **PPAR-alpha agonist treatment increases trefoil factor family-3 expression and attenuates apoptosis in the liver tissue of bile duct-ligated rats**  
KARAKAN T., KEREM M., CİNDORUK M., Engin D., Alper M., Akin O.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.24, no.2, pp.134-140, 2013 (SCI-Expanded)
- XL. **PPAR alpha agonist treatment increases trefoil factor family 3 expression and attenuates apoptosis in the liver tissue of bile duct ligated rats**

ENGİN E. D., KEREM M., KARAKAN T., CİNDORUK M.

Turkish Journal Of Gastroenterology, 2013 (SCI-Expanded)

- XLII. **Biodegradable stents for caustic esophageal strictures: a new therapeutic approach**  
Karakan T., Utku O. G., Dorukoz O., Sen I., Colak B., Erdal H., Karatay E., Tahtaci M., Cengiz M.  
DISEASES OF THE ESOPHAGUS, vol.26, no.3, pp.319-322, 2013 (SCI-Expanded)
- XLIII. **Significance of Proton Pump Inhibitor Types for Clostridium difficile Infection**  
ALAGÖZLÜ H., KARAKAN T.  
JOURNAL OF CLINICAL GASTROENTEROLOGY, vol.47, no.3, pp.290, 2013 (SCI-Expanded)
- XLIV. **SYNBIOTIC THERAPY INCREASES ERADICATION RATE IN HELICOBACTER PYLORI ERADICATION**  
Sahin O., Yesil A., Senates E., Akdogan M. F., Konur S., Erdem E., Dal M. S., KARAKAN T.  
ACTA MEDICA MEDITERRANEA, vol.29, no.3, pp.569-573, 2013 (SCI-Expanded)
- XLV. **Determinant-based classification of acute pancreatitis severity: An international multidisciplinary consultation**  
Dellinger E. P., Forsmark C. E., Layer P., Lévy P., Petrov M. S., Shimosegawa T., Siriwardena A. K., Uomo G., Whitcomb D. C., Windsor J. A., et al.  
Annals of Surgery, vol.256, no.6, pp.875-880, 2012 (SCI-Expanded)
- XLVI. **Current endoscopic approach to indeterminate biliary strictures**  
Victor D. W., Sherman S., KARAKAN T., Khashab M. A.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.18, no.43, pp.6197-6205, 2012 (SCI-Expanded)
- XLVII. **Probiotics: Should we be more definitive in terminology?**  
KARAKAN T., Tahtaci M., ALAGÖZLÜ H.  
EUROPEAN JOURNAL OF GASTROENTEROLOGY & HEPATOLOGY, vol.24, no.9, pp.1115-1116, 2012 (SCI-Expanded)
- XLVIII. **Prebiotics and Low Dose Synbiotics for Severe Acute Pancreatitis: Time for a Reappraisal ?**  
Karakan T.  
ACTA CHIRURGICA BELGICA, vol.112, no.5, pp.403, 2012 (SCI-Expanded)
- XLIX. **Probiotics Are Sensitive Microorganisms: Lactobacillus Can Be Affected by Stomach Acid, Antibiotic, and Bowel Cleansing**  
ALAGÖZLÜ H., KARAKAN T.  
DIGESTIVE DISEASES AND SCIENCES, vol.57, no.9, pp.2477, 2012 (SCI-Expanded)
- L. **World gastroenterology organisation global guidelines: Probiotics and prebiotics october 2011**  
Guarner F., Khan A. G., Garisch J., Eliakim R., Gangl A., Thomson A., Krabshuis J., Lemair T., Kaufmann P., De Paula J. A., et al.  
Journal of Clinical Gastroenterology, vol.46, no.6, pp.468-481, 2012 (SCI-Expanded)
- L. **Two cases of Wegener's granulomatosis with pancreatic pseudocyst treated by endoscopic ultrasonography (EUS)-guided drainage**  
Samn M., CİNDORUK M., KARAKAN T., Ekici E.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.23, no.2, pp.175-180, 2012 (SCI-Expanded)
- LI. **A case of tuberculosis diagnosed with EUS-guided aspiration biopsy.**  
CİNDORUK M., Sahin M., Uyar P., KARAKAN T.  
The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.22, no.5, pp.555-556, 2011 (SCI-Expanded)
- LII. **Imatinib mesylate-induced acute liver failure in a patient with gastrointestinal stromal tumors**  
Tonyali O., Coskun U., YILDIZ R., KARAKAN T., Demirci U., AKYÜREK N., Benekli M., Buyukberber S.  
MEDICAL ONCOLOGY, vol.27, no.3, pp.768-773, 2010 (SCI-Expanded)
- LIII. **EUS versus endoscopic retrograde cholangiography for patients with intermediate probability of bile duct stones: a prospective randomized trial**  
KARAKAN T., CİNDORUK M., Alagozlu H., Ergun M., Dumlu S., Unal S.  
GASTROINTESTINAL ENDOSCOPY, vol.69, no.2, pp.244-252, 2009 (SCI-Expanded)
- LIV. **The role of liver biopsy in the workup of liver dysfunction late after SCT: is the role of iron overload underestimated?**  
Sucak G. T., Yegin Z. A., Oezkurt Z. N., Aki S. Z., Karakan T., Akyol G.

- BONE MARROW TRANSPLANTATION, vol.42, no.7, pp.461-467, 2008 (SCI-Expanded)
- LV. **Hypertrophic colonic tuberculosis mimicking tumourous mass**  
Ergun M., Cindoruk M., Alagozlu H., ÜNAL S., Karakan T., Dursun A.  
COLORECTAL DISEASE, vol.10, no.7, pp.735-736, 2008 (SCI-Expanded)
- LVI. **hypertrophic colonic tuberculosis mimicking tumuorus mass**  
alagozlu h., ÜNAL S., KARAKAN T., CİNDORUK M.  
Colorectal Disease, 2008 (SCI-Expanded)
- LVII. **Small-volume gallbladders and decreased motility in patients with achalasia**  
Alagozlu H., Unal S., KARAKAN T., CİNDORUK M., Ergun M.  
JOURNAL OF CLINICAL GASTROENTEROLOGY, vol.42, no.2, pp.191-193, 2008 (SCI-Expanded)
- LVIII. **Identification of Helicobacter species by 16S rDNA PCR and sequence analysis in human liver samples from patients with various etiologies of benign liver diseases**  
CİNDORUK M., Cirak M. Y., Unal S., KARAKAN T., Erkan G., Engin D., Dumlu S., Turet S.  
EUROPEAN JOURNAL OF GASTROENTEROLOGY & HEPATOLOGY, vol.20, no.1, pp.33-36, 2008 (SCI-Expanded)
- LIX. **Osteomalacic myopathy associated with coexisting coeliac disease and primary biliary cirrhosis.**  
Demirag M. D., GÖKER B., HAZNEDAROĞLU Ş., Ozturk M. A., KARAKAN T., Kuruoglu R.  
Medical principles and practice : international journal of the Kuwait University, Health Science Centre, vol.17, no.5, pp.425-8, 2008 (SCI-Expanded)
- LX. **Identification of helicobacter species by 16s r dna pcr and sewuence analysis in human liver samples from partients with various etiologies of benign liver diseases**  
CİNDORUK M., cirak m., ÜNAL S., KARAKAN T., gulbanu e., ENGİN E. D., DUMLU G. Ş., turet s.  
European Journal Of Gastroenterology, 2008 (SCI-Expanded)
- LXI. **Apolipoprotein e gene polymorphism in nonalcoholic fatty liver disease**  
Demirag M. D., Onen H. İ., Karaoguz M., Dogan İ., Karakan T., Ekmekci A., Guz G.  
DIGESTIVE DISEASES AND SCIENCES, vol.52, no.12, pp.3399-3403, 2007 (SCI-Expanded)
- LXII. **Peroxisome proliferators-activated alpha agonist treatment ameliorates hepatic damage in rats with obstructive jaundice: an experimental study**  
CİNDORUK M., KEREM M., KARAKAN T., Salman B., Akin O., Alper M., ERDEM O. A., Uenal S.  
BMC GASTROENTEROLOGY, vol.7, 2007 (SCI-Expanded)
- LXIII. **Association between nonalcoholic fatty liver disease and coronary artery disease**  
Arslan U., Tuerkoglu S., Balcioglu S., Tavil Y., Karakan T., Cengel A.  
CORONARY ARTERY DISEASE, vol.18, no.6, pp.433-436, 2007 (SCI-Expanded)
- LXIV. **Brucella peritonitis and leucocytoclastic vasculitis due to Brucella melitensis**  
DİZBAY M., HIZEL K., Kilic S., Mutluay R., Ozkan Y., KARAKAN T.  
BRAZILIAN JOURNAL OF INFECTIOUS DISEASES, vol.11, no.4, pp.443-444, 2007 (SCI-Expanded)
- LXV. **Coexistence of Mirizzi syndrome with adenomyomatosis in the gallbladder: report of a case**  
BEDİRLİ A., KEREM M., BOSTANCI H., KARAKAN T., Sahin T. T., AKYÜREK N.  
HEPATOBIILIARY & PANCREATIC DISEASES INTERNATIONAL, vol.6, no.4, pp.438-441, 2007 (SCI-Expanded)
- LXVI. **Efficacy and safety of Saccharomyces boulardii in the 14-day triple anti-Helicobacter pylori therapy: A prospective randomized placebo-controlled double-blind study**  
Cindoruk M., Erkan G., Karakan T., Dursun A., Unal S.  
HELICOBACTER, vol.12, no.4, pp.309-316, 2007 (SCI-Expanded)
- LXVII. **Prevalence of IgA-antiendomysial antibody in a patient cohort with idiopathic low bone mineral density**  
Karakan T., Ozyemisci-Taskiran O., Gunendi Z., Atalay F., Tuncer C.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.13, no.21, pp.2978-2982, 2007 (SCI-Expanded)
- LXVIII. **Comparison of early enteral nutrition in severe acute pancreatitis with prebiotic fiber supplementation versus standard enteral solution: a prospective randomized double-blind study.**  
Karakan T., Ergun M., Dogan İ., Cindoruk M., Unal S.  
World journal of gastroenterology, vol.13, no.19, pp.2733-7, 2007 (SCI-Expanded)
- LXIX. **Hepatic steatosis has no impact on the outcome of treatment in patients with chronic hepatitis B**

## **infection**

Cindoruk M., Karakan T., Unal S.

JOURNAL OF CLINICAL GASTROENTEROLOGY, vol.41, no.5, pp.513-517, 2007 (SCI-Expanded)

- LXX. **Influence of H pylori on plasma ghrelin in patients without atrophic gastritis**  
Cindoruk M., Yetkin İ., Deger S. M., Karakan T., Kan E., Unal S.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.13, no.10, pp.1595-1598, 2007 (SCI-Expanded)
- LXXI. **hepatic steatosis has no impact on the outcome of treatment in patients with chronic hepatitis b infection**  
CİNDORUK M., KARAKAN T., ÜNAL S.  
journal of clinical gastroenterology, 2007 (SCI-Expanded)
- LXXII. **The influence of Helicobacter pylori infection on the prevalence of endoscopic erosive esophagitis.**  
Unal S., Karakan T., Dogan İ., Cindoruk M., Dumlu S.  
Helicobacter, vol.11, no.6, pp.556-61, 2006 (SCI-Expanded)
- LXXIII. **Heparin and insulin in the treatment of hypertriglyceridemia-induced severe acute pancreatitis**  
Alagozlu H., Cindoruk M., Karakan T., Unal S.  
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.5, pp.931-933, 2006 (SCI-Expanded)
- LXXIV. **Prevalence of occult hepatitis B and hepatitis C virus infections in Turkish hemodialysis patients**  
Yakaryilmaz F., Gurbuz O. A., Guliter S., Mert A., Songur Y., Karakan T., Keles H.  
RENAL FAILURE, vol.28, no.8, pp.729-735, 2006 (SCI-Expanded)
- LXXV. **Reversible edema in a male patient taking parenteral pantoprazole infusion for pyloric stenosis**  
Sennaroglu E., Karakan S., Kayatas M., Akdur S., Genc H., Karakan T., Ucler R., Ozisler C., Urun Y.  
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.1, pp.121-122, 2006 (SCI-Expanded)
- LXXVI. **Fibrinogen storage disease without hypofibrinogenemia associated with estrogen therapy**  
Simsek Z., Ekinci O., Cindoruk M., Karakan T., Degertekin B., Akyol G., Unal S.  
BMC GASTROENTEROLOGY, vol.5, 2005 (SCI-Expanded)
- LXXVII. **Therapy for treatment-refractory chronic Hepatitis C virus genotype 1b infection: A retrospective analysis**  
Cindoruk M., Karakan T., ÜNAL S.  
CURRENT THERAPEUTIC RESEARCH-CLINICAL AND EXPERIMENTAL, vol.66, no.5, pp.451-462, 2005 (SCI-Expanded)
- LXXVIII. **Combination therapy with pegylated interferon plus ribavirin in the treatment of hepatitis C virus-related thrombocytopenia.**  
Karakan T., Cindoruk M., Degertekin B., Dogan İ., Sancak A., Dumlu S., Gorgul A., ÜNAL S.  
Current therapeutic research, clinical and experimental, vol.66, no.3, pp.247-53, 2005 (SCI-Expanded)
- LXXIX. **Evaluation of gallbladder volume and motility in non-insulin-dependent diabetes mellitus patients using real-time ultrasonography**  
Guliter S., Yilmaz S., Karakan T.  
JOURNAL OF CLINICAL GASTROENTEROLOGY, vol.37, no.4, pp.288-291, 2003 (SCI-Expanded)
- LXXX. **Prevalence of microscopic colitis in patients with symptoms suggesting irritable bowel syndrome**  
Tuncer C., Cindoruk M., Dursun A., Karakan T.  
ACTA GASTRO-ENTEROLOGICA BELGICA, vol.66, no.2, pp.133-136, 2003 (SCI-Expanded)
- LXXXI. **The prevalence of autoimmune hepatitis in Hashimoto's thyroiditis in a turkish population**  
Cindoruk M., Yetkin I., Karakan T., Kandilci U.  
ACTA GASTRO-ENTEROLOGICA BELGICA, vol.65, no.3, pp.143-145, 2002 (SCI-Expanded)
- LXXXII. **Increased colonic intraepithelial lymphocytes in patients with Hashimoto's thyroiditis**  
Cindoruk M., Tuncer C., Dursun A., Yetkin I., Karakan T., Cakir N., Soykan I.  
JOURNAL OF CLINICAL GASTROENTEROLOGY, vol.34, no.3, pp.237-239, 2002 (SCI-Expanded)
- LXXXIII. **efficacy of interferon alfa and lamivudine combination therapy versus interferon alfa monotherapy in Turkish patients**  
KARAKAN T., CİNDORUK M.  
CURRENT THERAPEUTIC RESEARCH CLINICAL AND EXPERIMENTAL, 2002 (SCI-Expanded)

- LXXXIV. **L-carnitine in the treatment of painful diabetic neuropathy and its effect on plasma beta-endorphin levels**  
Cakir N., Yetkin I., Karakoc A., Karakan T., Ayvaz G., Arslan M.  
CURRENT THERAPEUTIC RESEARCH-CLINICAL AND EXPERIMENTAL, vol.61, no.12, pp.871-876, 2000 (SCI-Expanded)
- LXXXV. **Bilateral spontaneous perinephric hematoma: Evaluation with CT and angiography and successful conservative treatment**  
Sucak G., Bali M., Karakan T., Haznedar R.  
NEPHRON, vol.86, no.2, pp.237-238, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Assessment of Knowledge and Attitudes of Physicians and Pharmacists on Probiotics: A Cross-Sectional Survey**  
Başar Güneş H., Bayraktar Ekincioğlu A., KARAKAN T., Demirkan K.  
Turkish Journal of Pharmaceutical Sciences, vol.21, no.1, pp.36-41, 2024 (ESCI)
- II. **TASL Practice Guidance on the Clinical Assessment and Management of Patients with Nonalcoholic Fatty Liver Disease**  
YILMAZ Y., ZEYBEL M., ADALI G., COŞAR A., SERTESEN E., SÜMER H., BAHCECIOĞLU I. H., ŞAHİN M., KAYA C. T., ERGÜN İ., et al.  
Hepatology forum, vol.4, no.1, pp.1-32, 2023 (ESCI)
- III. **The Predictive Value of Inflammatory Markers in the First Year of Diagnosis in Ulcerative Colitis**  
Sadioglu R. E., KARAKAN T.  
GAZI MEDICAL JOURNAL, vol.31, no.2, pp.163-168, 2020 (ESCI)
- IV. **İntrabdominal Sepsisli Hastalarda Serum Adiponektin Seviyeleri İle Proinflamatuvar Sitokin Düzeyleri, Apache-II Skorları ve Mortalite Arasındaki İlişki**  
DİKMEN K., YILMAZ T. U., KEREM M., BOSTANCI H., UĞRAŞ DİKMEN A., PAŞAOĞLU Ö. T., TAŞÇILAR Ö., KARAKAN T.  
Acıbadem Sağlık Bilimleri Dergisi, vol.10, no.2, pp.288-294, 2019 (Peer-Reviewed Journal)
- V. **Bismuth-based quadruple Helicobacter pylori eradication regimen alters the composition of gut microbiota**  
Yildiz S. S., YALINAY A. M., KARAKAN T.  
Le infezioni in medicina : rivista periodica di eziologia, epidemiologia, diagnostica, clinica e terapia delle patologie infettive, vol.26, no.2, pp.115-121, 2018 (Scopus)
- VI. **A Single Center Treatment Experience in Autoimmune Hepatitis Patients**  
SÜTCÜOĞLU O., Sargin Z. G., Haghghi N. A., Yuceldi S. D., Karatas A., Onal I. K., Dumlu S., Ozenirler S., CİNDORUK M., DOĞAN İ., et al.  
GAZI MEDICAL JOURNAL, vol.28, no.3, pp.174-178, 2017 (ESCI)
- VII. **The prevalence of autoimmune hepatitis in hashimoto thyroiditis in a turkish population**  
YETKİN İ., CİNDORUK M., KARAKAN T., kandilci u.  
ACTA GASTRO ENTEROLOGICA BELGICA, 2016 (Non Peer-Reviewed Journal)
- VIII. **Increased Resistin Levels in Intra abdominal Sepsis Correlation with proinflammatory cytokines and Acute Physiology and Chronic Health Evaluation APACHE II scores**  
YILMAZ T. U., KEREM M., YILMAZ-DEMİRTAŞ C., PAŞAOĞLU Ö. T., TAŞÇILAR Ö., ŞAKRAK Ö., DİKMEN K., KARAKAN T.  
SULTAN QABOOS UNIVERSITY MEDICAL SCIENCES JOURNAL, vol.14, no.4, pp.506-512, 2014 (Peer-Reviewed Journal)
- IX. **The role of probiotics and prebiotics in the treatment of pancreatitis**  
KARAKAN T.  
Nutritional Therapy and Metabolism, vol.28, no.1, pp.1-6, 2010 (Scopus)
- X. **influence f h pylori on plasma ghrelin in patients without atrophic gastirts**  
CİNDORUK M., KARAKAN T., ÜNAL S.



world journal of gastroenterology, 2007 (Non Peer-Reviewed Journal)

- XI. **Acute pancreatitis complicating treatment of granulocytic sarcoma; cytosine arabinoside induced? A case report**  
Ceneli O., Sucak G. T., YAĞCI A. M., KARAKAN T., Isik S., HAZNEDAR R.  
HAEMA, vol.8, no.2, pp.297-300, 2005 (Scopus)
- XII. **prevalance of microscopic colitis in patients with symptoms suggesting irritable bowel syndrome**  
CİNDORUK M., KARAKAN T.  
acta gastro enterologica belgica, 2003 (Non Peer-Reviewed Journal)
- XIII. **The use of CA15-3 and estrogen receptor in breast cancer patients with bone metastases**  
KARAKAN T., GÜNEL N., AKÇALI Z., ÜNER A.  
GAZI MEDICAL JOURNAL, vol.9, no.4, pp.149-153, 1998 (Scopus)

## Books & Book Chapters

### I. Akut İshaller ve Mikrobiyota

Karataş A., Karakan T.

in: Bağırsak Mikrobiyotası ve Fekal Mikrobiyota Transplantasyonu, Prof. Dr. Tarkan KARAKAN, Editor, Türkiye Klinikleri Gastroenterohepatology - Special Topics Book Identity, Ankara, pp.4-8, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Portal Hipertansiyonun Cerrahi Tedavisi. 96 Olgunun İncelenmesi**  
Dalgıç A., Sözen M. H., Sarı S., Eğritaş Gürkan Ö., Kozan R., Ilgit E., Kılıç H. K., Erbaş G., Karakan T., Ekmen N., et al.  
4. Gazi Gastroenteroloji Günleri, Ankara, Turkey, 21 March 2023, pp.39-41
- II. **Portal Hipertansiyonun cerrahi tedavisi; 96 olgunun incelenmesi**  
DALGIÇ A., SÖZEN M. H., SARI S., EĞRİTAŞ GÜRKAN Ö., KOZAN R., ılgıt e., KILIÇ K., KARAKAN T., EKMEN N., DALGIÇ B., et al.  
4.Gazi Gastroenteroloji Günleri, 20 March 2023
- III. **İnflamatuvar bağırsak hastalıklarında hastalık aktivitesinin değerlendirilmesinde elastografinin yeri**  
Demir E., cindoruk m., Karataş A., Karakan T., kılıç g., ergin m., cerit M. N., ÖZBAŞ C., özhan oktar s., uçar M., et al.  
39. Ulusal Gastroenteroloji Haftası, 22 November 2022
- IV. **GLİM KRİTERLERİ KULLANILARAK İNFLAMATUVAR BARSAK HASTALARINDA MALNÜTRİSYONUN DEĞERLENDİRİLMESİ**  
SOYLU KOÇOĞLU S., EKMEN N., KEKİLLİ M., KARAKAN T.  
23. Ulusal İç Hastalıkları Konresi, Girne, Cyprus (Kktc), 06 October 2021, pp.53-54
- V. **Malvanicaeensis All. Prevents the onset of Inflammation on Acetic acid-induced Ulcerative Colitis in Rats.**  
KARPUZ B., AKKOL E., KARAKAN T., Haroon K., TAŞTAN H.  
5th International Symposium on Phytochemicals in Medicine and Food (5-ISPMF), China, 25 - 30 August 2021
- VI. **ARTIFICIAL INTELLIGENCE-BASED PERSONALISED DIET: A PILOT CLINICAL STUDY FOR IBS**  
KARAKAN T., GÜNDOĞDU A., ALAGÖZLÜ H., EKMEN N., KILIÇ G., ÖZGÜL S., BEYAZGÜL D., NALBANTOĞLU Ö. U.  
Digestive Disease Week, United States Of America, 21 May 2021, pp.99
- VII. **DONOR MICROBIOTA AS A DETERMINANT FACTOR FOR RESPONSE TO FMT IN PATIENTS WITH ULCERATIVE COLITIS**  
KARAKAN T., KARATAŞ A.  
UEG Week 2018, viyana, Austria, 20 October 2018
- VIII. **Oruç tutan bireylerde oruç öncesi ve sonrası bağırsak mikrobiyotası farklılıklarının metagenomik olarak incelenmesi**  
ÖZKUL KOÇAK C., YALINAY A. M., KARAKAN T.

5. Ulusal Bağırsak Mikrobiyotası ve probiyotik Kongresi, Turkey, 11 - 14 October 2018
- IX. **Açlık Süreçlerini Göstermek Amacıyla Oruç Tutan Bireylerde Bağırsak Mikrobiyota Analizleri**  
ERDOĞDU C., KARAKAN T., YALINAY A. M.
4. Ulusal Bağırsak Mikrobiyotası ve Probiyotik Kongresi, Turkey, 19 - 22 October 2017
- X. **Bacteriome and mycobioime analysis underscore the role of fungal dybiosis in nonalcoholic steatohepatitis: Fusarium genus as a novel player?**  
KARAKAN T., YALINAY A. M., ERDOĞDU C.  
XXXth International Workshop on Helicobacter Microbiota in Inflammation Cancer, Bordeaux, France, 6 - 09 September 2017, vol.22
- XI. **FECAL MICROBIOTA IN BEHCET'xxS SYNDROME PATIENTS WITH MUCOCUTANOUS AND UVEITIS INVOLVEMENT**  
TECER D., GÖĞÜŞ F. N., KALKANCI A., erdoğan m., çoban s., HASANREİSOĞLU C. M., KARAKAN T.  
Annual European Congress of Rheumatology, 14 - 17 June 2017
- XII. **Gut Microbiota in Patients with Non-Alcoholic Fatty Liver Disease**  
ERDOĞDU C., YALINAY A. M., KARAKAN T.  
ASM Microbe, 16 - 20 June 2016
- XIII. **Increased Akkermansia muciniphila and Bacteroides fragilis Group Abundance After Islamic Fasting**  
ERDOĞDU C., YALINAY A. M., KARAKAN T.  
ASM Microbe, 16 - 20 June 2016
- XIV. **Dominant Bifidobacterium and Lactobacillus Species in Patients with Non-alcoholic Fatty Liver Disease**  
ERDOĞDU C., YALINAY A. M., KARAKAN T.  
ASM Microbe, 16 - 20 June 2016
- XV. **Faecal microbiota transplantation as a rescue therapy for steroid-dependent and/or non-responsive patients with ulcerative colitis: a pilot study.**  
KARAKAN T., İBİŞ M., CİNDORUK M., GÖK SARGIN S. Z., Alizadeh N.  
Uluslararası Kongre, 16 - 19 March 2016
- XVI. **Akkermansia Muciniphila Is Decreased In Patients With Non-Alcoholic Fatty Liver Disease**  
KARAKAN T., Gundogdu C., Yalinaycirak M., İBİŞ M.  
66th Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD), San-Francisco, Costa Rica, 13 - 17 November 2015, vol.62
- XVII. **Sağ hepatektomi sonrası gelişen portal ven trombozunun nadir bir sebebi: Antitrombin III eksikliği.**  
KEREM M., ATAK M., DİKMEN K., Karabacak H., KARAKAN T., ŞAKRAK Ö.  
18. Ulusal Cerrahi Kongresi, Turkey, 23 - 27 May 2012
- XVIII. **Safra Kesesinin Adenomyomatozisi ile Mirizzi Sendromunun Birlikteliği: Olgu Sunumu**  
BEDİRLİ A., KEREM M., BOSTANCI H., KARAKAN T., ŞAHİN T. T., AKYÜREK N.  
2. Uludağ Genel Cerrahide Güncel Yaklaşım Kongresi, Bursa, Turkey, 8 - 11 March 2007
- XIX. **PPAR-alpha expression in patients with viral hepatitis**  
Karakan T., Cindoruk M., Degertekin B., ERDEM O. A., Akyol G., ÜNAL S.  
40th Annual Meeting of the European-Association-for-the-Study-of-the-Liver, Paris, France, 13 - 17 April 2005, vol.42, pp.180-181

## Supported Projects

Bağrıaçık E. Ü., Karakuş R., Karakan T., Yaman M., Örüklü N., Karataş A., Dayanır D., TUBITAK Project, İnflamatuar Bağırsak Hastalıklarında İnterlökin 40 (IL-40)'In İmmünomodülatör Etkilerinin Araştırılması, 2024 - 2026  
KARAKAN T., AKCA G., İŞLER S. Ç., AÇIK L., EKMEK N., ÖZMERİÇ KURTULUŞ N., ERGİN M., KARATAŞ A., YALINAY A. M., ÜNSAL F. B., et al., Project Supported by Higher Education Institutions, Ülseratif Kolit ve Periodontal Hastalık İlişkisinde Mikrobiyom Analizleri, 2021 - 2023  
KARAKAN T., Project Supported by Higher Education Institutions, İnflamatuar bağırsak hastalıklarında hastalık

aktivitesinin triptofan metabolizması ile ilişkisi, 2019 - 2022

KARAKAN T., KALKANCI A., Project Supported by Other Private Institutions, FECAL MICROBIOTA IN BEHÇET'S SYNDROME PATIENTS WITH EYE INVOLVEMENT, 2016 - 2017

KARAKAN T., TUBITAK Project, Nanoalkolik karaciğer yağlanması olan hastalar ve sağlıklı bireylerde barsak mikrobiyotasının moleküler yöntemlerle incelenmesi, 2014 - 2015

## **Metrics**

Publication: 121

Citation (WoS): 1396

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H-Index (WoS): 23

H-Index (Scopus): 26

## **Non Academic Experience**

Johns Hopkins University School of Medicine