

## Prof. GÖKHAN METAN

### Personal Information

Office Phone: [+90 312 305 1296](tel:+903123051296)

Email: [gokhanmetan@hacettepe.edu.tr](mailto:gokhanmetan@hacettepe.edu.tr)

Web: <https://avesis.hacettepe.edu.tr/gokhanmetan>

Address: Hacettepe Üniversitesi Tıp Fakültesi İç Hastalıkları Binası, Enfeksiyon Hastalıkları Anabilim Dalı Kat:1 Sıhhiye Ankara

### Education Information

Expertise In Medicine, Hacettepe Üniversitesi, Tıp, Mikrobiyoloji Ve Klinik Mikrobiyoloji, Turkey 2000 - 2004

Under Graduate, Ankara Üniversitesi, Tıp Fakültesi, Turkey 1992 - 2000

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Expertise In Medicine, İç hastalıkları yoğun bakım ünitesinde yatan hastalarda genişletilmiş spektrumlu beta-laktamaz (GSBL) üreten Klebsiella pneumoniae ve Escherichia coli ile kolonizasyonun saptanması, Hacettepe University, Tıp Fakültesi (Türkçe), 2004

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Infectious Diseases and Clinical Microbiology

### Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2017 - Continues

Associate Professor, Hacettepe Üniversitesi, Tıp Fakültesi, 2015 - 2017

Associate Professor, Erciyes Üniversitesi, Tıp Fakültesi, 2011 - 2015

Assistant Professor, Erciyes Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2007 - 2011

Assistant Professor, Erciyes Üniversitesi, Tıp Fakültesi, 2007 - 2011

Lecturer PhD, Erciyes Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2005 - 2007

Research Assistant, Hacettepe Üniversitesi, Tıp Fakültesi, 2000 - 2007

### Advising Theses

METAN G., İnvaziv mantar enfeksiyonlarının tedavisinde Kaspofunginin etkinliğinin değerlendirilmesi, Expertise In Medicine, S.ALİ(Student), 2012

METAN G., İnvaziv mantar enfeksiyonu riski olmayan hastalarda piperasilin/tazobaktam ve ampisilin/sulbaktam kullanımına bağlı serum galaktomannan ve 1,3-β-d glukun kinetiğinin incelenmesi, Expertise In Medicine,

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Clinical features and outcomes of COVID-19 in patients with solid tumors: Turkish National Registry Data**  
Ozdemir N., DİZDAR Ö., YAZICI O., AKSOY S., Dede D. S., Budakoglu B., METAN G., ALP A., BUDAKOĞLU İ. İ., Oksuzoglu O. B. C., et al.  
INTERNATIONAL JOURNAL OF CANCER, 2020 (Journal Indexed in SCI)
- II. **Emergence of colistin and carbapenem-resistant Acinetobacter calcoaceticus-Acinetobacter baumannii (CCR-Acb) complex in a neurological intensive care unit followed by successful control of the outbreak**  
METAN G., Zarakolu P., OTLU B., Tekin I., Aytac H., BÖLEK E. Ç., Metin B. C., ARSAVA E. M., ÜNAL S.  
JOURNAL OF INFECTION AND PUBLIC HEALTH, vol.13, no.4, pp.564-570, 2020 (Journal Indexed in SCI)
- III. **Neuraminidase Inhibitors and Hospital Length of Stay: A Meta-analysis of Individual Participant Data to Determine Treatment Effectiveness Among Patients Hospitalized With Nonfatal 2009 Pandemic Influenza A(H1N1) Virus Infection**  
Venkatesan S., Myles P. R., Bolton K. J., Muthuri S. G., Al Khuwaitir T., Anovadiya A. P., Azziz-Baumgartner E., Bajjou T., Bassetti M., Beovic B., et al.  
JOURNAL OF INFECTIOUS DISEASES, vol.221, no.3, pp.356-366, 2020 (Journal Indexed in SCI)
- IV. **The Importance of Awareness for Malaria Regarding Prophylaxis and Early Diagnosis: Two Imported Malaria Cases in Turkey**  
ÖZMEN ÇAPIN B. B., SÖNMEZER M. Ç., Tortop S., Unalan T., BÖLEK H., ALTINTOP S. E., İNKAYA A. Ç., METAN G., Erguven S.  
MIKROBİYOLOJİ BULTENİ, vol.53, no.4, pp.472-479, 2019 (Journal Indexed in SCI)
- V. **Is Aspergillus lateral device ready to implement to the daily practice? The question rising from the new European Invasive Aspergillosis management guideline**  
METAN G.  
JOURNAL DE MYCOLOGIE MEDICALE, vol.29, no.1, pp.97-98, 2019 (Journal Indexed in SCI)
- VI. **2019 update of the WSES guidelines for management of Clostridioides (Clostridium) difficile infection in surgical patients**  
Sartelli M., Di Bella S., McFarland L. V., Khanna S., Furuya-Kanamori L., Abuzeid N., Abu-Zidan F. M., Ansaloni L., Augustin G., Bala M., et al.  
WORLD JOURNAL OF EMERGENCY SURGERY, vol.14, 2019 (Journal Indexed in SCI)
- VII. **Invasive fungal diseases in patients with acute leukemia or allogeneic stem cell transplantation recipients: A prospective multicenter observational study**  
METAN G., Etgül S., Ciftcioglu A., Saba R., KILIÇ A., Yilmaz H., Demir K., ÇAĞ Y., Unal D. K., AKSOY F., et al.  
MEDICAL MYCOLOGY, vol.56, 2018 (Journal Indexed in SCI)
- VIII. **Posaconazole prophylaxis in patients with acute myeloid leukemia: A real life experience from a prospective multicenter observational study**  
METAN G., Etgül S., Ciftcioglu A., Saba R., KILIÇ A., Yilmaz H., Demir K., ÇAĞ Y., Unal D. K., AKSOY F., et al.  
MEDICAL MYCOLOGY, vol.56, 2018 (Journal Indexed in SCI)
- IX. **Various Antibiotic Combinations Against Carbapenem Resistant Acinetobacter baumannii Infections and In Vitro Synergy Test Results (2002-2016)**  
Zarakolu P., Ayaz C. M., METAN G.  
MIKROBİYOLOJİ BULTENİ, vol.52, no.2, pp.190-197, 2018 (Journal Indexed in SCI)
- X. **Cessation of Contact Precautions for Extended-Spectrum Beta-Lactamase (ESBL)-Producing Escherichia coli Seems to be Safe in a Nonendemic Setting**  
METAN G., Metin B. C., BAŞTUĞ Z., TEKİN I., AYTAC H., CINAR B., Zengin H., ÜNAL S.  
INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, vol.38, no.11, pp.1379-1381, 2017 (Journal Indexed in SCI)

- XI. **Therapeutic drug monitorization for voriconazole: Experience from Turkey**  
METAN G., Kahraman V., KAYNAR L., Karakurkcü M., DEMİR K., Akfırat S., ÇETİN M.  
MYCOSES, vol.60, pp.221, 2017 (Journal Indexed in SCI)
- XII. **Is surveillance for colonization of carbapenem-resistant gram-negative bacteria important in adult bone marrow transplantation units?**  
Demiraslan H., Cevahir F., Berk E., METAN G., ÇETİN M., Alp E.  
AMERICAN JOURNAL OF INFECTION CONTROL, vol.45, no.7, pp.735-739, 2017 (Journal Indexed in SCI)
- XIII. **Performance of Galactomannan Antigen, Beta-D-Glucan, and Aspergillus-Lateral-Flow Device for the Diagnosis of Invasive Aspergillosis**  
Metan G., KEKLİK M., DİNÇ G., Pala C., Yildirim A., SARAYMEN B., KÖKER M. Y., KAYNAR L., Eser B., ÇETİN M.  
INDIAN JOURNAL OF HEMATOLOGY AND BLOOD TRANSFUSION, vol.33, no.1, pp.87-92, 2017 (Journal Indexed in SCI)
- XIV. **A Silent Epidemic of Colistin- and Carbapenem-Resistant Enterobacteriaceae at a Turkish University Hospital**  
Metan G., İlbağ A., Eser O. K., Ünal S., Zarakolu P.  
INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, vol.38, pp.254-257, 2017 (Journal Indexed in SCI)
- XV. **Reducing the impact of carbapenem-resistant Enterobacteriaceae on vulnerable patient groups: what can be done?**  
METAN G., AKOVA M.  
CURRENT OPINION IN INFECTIOUS DISEASES, vol.29, no.6, pp.555-560, 2016 (Journal Indexed in SCI)
- XVI. **The influence of the control group characteristics for the diagnostic performance of 1,3-beta-D-glucan in invasive aspergillosis**  
METAN G., Elmali F.  
JOURNAL DE MYCOLOGIE MEDICALE, vol.26, no.4, pp.408-410, 2016 (Journal Indexed in SCI)
- XVII. **Surveillance for Ventilator-Associated Pneumonia: Can We Apply Centers for Disease Control and Prevention National Healthcare Safety Network 2013 Definitions for All Settings?**  
METAN G., Zengin H., CINAR B., AYTAC H., Hayran M., ÜNAL S.  
INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, vol.37, no.9, pp.1125-1127, 2016 (Journal Indexed in SCI)
- XVIII. **Impact of neuraminidase inhibitors on influenza A(H1N1)pdm09-related pneumonia: an individual participant data meta-analysis**  
Muthuri S. G., Venkatesan S., Myles P. R., Leonardi-Bee J., Lim W. S., Al Mamun A., Anovadiya A. P., Araujo W. N., Azziz-Baumgartner E., Baez C., et al.  
INFLUENZA AND OTHER RESPIRATORY VIRUSES, vol.10, no.3, pp.192-204, 2016 (Journal Indexed in SCI)
- XIX. **Bacterial factors influencing the mortality for methicillin-resistant Staphylococcus aureus (MRSA) bacteremia**  
ZARAKOLU P., METAN G., Karahan Z. C., Tekeli A., ÜNAL S.  
INFECTIOUS DISEASES, vol.48, no.8, pp.649-650, 2016 (Journal Indexed in SCI)
- XX. **Tigecycline for the treatment of Clostridium difficile infection refractory to metronidazole in haematopoietic stem cell transplant recipients**  
Metan G., Türe Z., KAYNAR L., Berk E., GÜRSOY Ş., Alp E., KILIÇ H., ÇETİN M.  
JOURNAL OF CHEMOTHERAPY, vol.27, no.6, pp.354-357, 2015 (Journal Indexed in SCI)
- XXI. **Feasibility of a new clinical severity scoring index for Crimean-Congo Hemorrhagic fever\***  
Kalin G., Metan G., Demiraslan H., DOĞANAY M.  
JOURNAL OF CHEMOTHERAPY, vol.27, no.6, pp.353, 2015 (Journal Indexed in SCI)
- XXII. **A Single Center Experience for Antifungal Prophylaxis in Patients with Acute Myelogenous Leukemia**  
Metan G., Türe Z., Pala C., KAYNAR L., Yildirim A., Elmali F., TUTAR N., Yozgat N., ESER B.  
INDIAN JOURNAL OF HEMATOLOGY AND BLOOD TRANSFUSION, vol.31, no.3, pp.339-345, 2015 (Journal Indexed in SCI)
- XXIII. **WSES guidelines for management of Clostridium difficile infection in surgical patients**  
Sartelli M., Malangoni M. A., Abu-Zidan F. M., Griffiths E. A., Di Bella S., McFarland L. V., Eltringham I., Shelat V. G., Velmahos G. C., Kelly C. P., et al.

WORLD JOURNAL OF EMERGENCY SURGERY, vol.10, 2015 (Journal Indexed in SCI)

- XXIV. **Saprochaete capitata as an emerging fungus among patients with haematological malignancies**  
Ulu-Kilic A., ATALAY M. A. , Metan G., Cevahir F., Koc N., Eser B., ÇETİN M., Kaynar L., Alp E.  
MYCOSES, vol.58, no.8, pp.491-497, 2015 (Journal Indexed in SCI)
- XXV. **Natural cutaneous anthrax infection, but not vaccination, induces a CD4(+) T cell response involving diverse cytokines**  
Ingram R. J. , Ascough S., Reynolds C. J. , Metan G., DOĞANAY M., Baillie L., Williamson D. E. , Robinson J. H. , Maillere B., Boyton R. J. , et al.  
CELL AND BIOSCIENCE, vol.5, 2015 (Journal Indexed in SCI)
- XXVI. **Diagnosis of Invasive Fungal Diseases in Hematological Malignancies: A Critical Review of Evidence and Turkish Expert Opinion (TEO-2)**  
Akdagli S. A. , Azap A., Demirkazik F. B. , Ener B., Hayran S. A. , Kumbasar O. O. , Metan G., ODABAŞI Z., UZUN Ö., Akan H.  
TURKISH JOURNAL OF HEMATOLOGY, vol.31, no.4, pp.342-356, 2014 (Journal Indexed in SCI)
- XXVII. **Carbapenem-resistant Klebsiella pneumoniae sepsis in corticosteroid receipt mice: tigecycline or colistin monotherapy versus tigecycline/colistin combination**  
Demiraslan H., DİNÇ G., Ahmed S. S. , Elmali F., Metan G., Alp E., DOĞANAY M.  
JOURNAL OF CHEMOTHERAPY, vol.26, no.5, pp.276-281, 2014 (Journal Indexed in SCI)
- XXVIII. **Do We Really Need Ribavirin in the Treatment of Crimean-Congo Hemorrhagic Fever?**  
Kalin G., Metan G., Demiraslan H., DOĞANAY M.  
JOURNAL OF CHEMOTHERAPY, vol.26, no.3, pp.146-149, 2014 (Journal Indexed in SCI)
- XXIX. **Diarrhea in peripheral stem cell transplant recipients: a developing country's experience**  
Pala C., KAYNAR L., Buyukoglan R., Kurnaz F., Metan G., Yazar S., Durmaz S., Sakioglu A., Sivgin S., Eser B., et al.  
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.8, no.5, pp.635-641, 2014 (Journal Indexed in SCI)
- XXX. **Anthrax Lethal Factor as an Immune Target in Humans and Transgenic Mice and the Impact of HLA Polymorphism on CD4(+) T Cell Immunity**  
Ascough S., Ingram R. J. , Chu K. K. , Reynolds C. J. , Musson J. A. , DOĞANAY M., Metan G., ÖZKUL Y., Baillie L., Sriskandan S., et al.  
PLOS PATHOGENS, vol.10, no.5, 2014 (Journal Indexed in SCI)
- XXXI. **Effectiveness of neuraminidase inhibitors in reducing mortality in patients admitted to hospital with influenza A H1N1pdm09 virus infection: a meta-analysis of individual participant data**  
Muthuri S. G. , Venkatesan S., Myles P. R. , Leonardi-Bee J., Al Khuwaitir T. S. A. , Al Mamun A., Anovadiya A. P. , Azziz-Baumgartner E., Baez C., Bassetti M., et al.  
LANCET RESPIRATORY MEDICINE, vol.2, no.5, pp.395-404, 2014 (Journal Indexed in SCI)
- XXXII. **Outbreak of postoperative empyema caused by Serratia marcescens in a thoracic surgery unit**  
Ulu-Kilic A., Parkan O., Ersoy S., Koc D., Percin D., ÖNAL Ö., Metan G., Alp E.  
JOURNAL OF HOSPITAL INFECTION, vol.85, no.3, pp.226-229, 2013 (Journal Indexed in SCI)
- XXXIII. **A multidisciplinary team approach to the management of patients with suspected or diagnosed invasive fungal disease**  
Ben-Ami R., Halaburda K., Klyasova G., Metan G., Torosian T., AKOVA M.  
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.68, pp.25-33, 2013 (Journal Indexed in SCI)
- XXXIV. **Can low-dose preemptive valganciclovir replace standard intravenous ganciclovir treatment in recipients of allogeneic stem cell transplantation?**  
KAYNAR L., Metan G., GÖKAHMETOĞLU S., Kurnaz F., Mumcuoglu H., ÖZTÜRK A., Sivgin S., Pala C., YILDIZ O., Eser B., et al.  
JOURNAL OF CHEMOTHERAPY, vol.25, no.5, pp.286-291, 2013 (Journal Indexed in SCI)
- XXXV. **Evaluation of Imported Plasmodium falciparum Malaria Cases: The Use of Polymerase Chain Reaction in Diagnosis**  
Demiraslan H., ERDOĞAN E., Ture Z., Kuk S., Yazar S., Metan G.  
MIKROBIYOLOJİ BULTENİ, vol.47, no.4, pp.668-676, 2013 (Journal Indexed in SCI)
- XXXVI. **Invasive pulmonary aspergillosis in patients with chronic obstructive pulmonary disease**

- TUTAR N., Metan G., Koc A. N. , YILMAZ İ., Bozkurt I., Simsek Z. O. , Buyukoglan H., Kanbay A., OYMAK F. S. , GÜLMEZ İ., et al.  
MULTIDISCIPLINARY RESPIRATORY MEDICINE, vol.8, 2013 (Journal Indexed in SCI)
- XXXVII. **Invasive pulmonary aspergillosis in patients with chronic obstructive pulmonary diseases**  
TUTAR N., Metan G., KOÇ A. N. , YILMAZ İ., Bozkurt I., Simsek Z. O. , Buyukoglan H., Kanbay A., OYMAK F. S. , GÜLMEZ İ., et al.  
EUROPEAN RESPIRATORY JOURNAL, vol.42, 2013 (Journal Indexed in SCI)
- XXXVIII. **Exposure to anthrax toxin alters human leucocyte expression of anthrax toxin receptor 1**  
Ingram R. J. , Harris A., Ascough S., Metan G., DOĞANAY M., Ballie L., Williamson E. D. , Dyson H., Robinson J. H. , Sriskandan S., et al.  
CLINICAL AND EXPERIMENTAL IMMUNOLOGY, vol.173, no.1, pp.84-91, 2013 (Journal Indexed in SCI)
- XXXIX. **Diagnosis of Aspergillus niger Peritonitis in a Peritoneal Dialysis Patient by Peritoneal Galactomannan and beta-D-Glucan Detection**  
Ates O., Metan G., Dundar T., Kiziltepe M., KOÇYIĞIT İ., ÜNAL A., SİPAHİOĞLU M. H. , OYMAK O., TOKGÖZ B.  
PERITONEAL DIALYSIS INTERNATIONAL, vol.33, no.2, pp.216-218, 2013 (Journal Indexed in SCI)
- XL. **Clonal diversity and high prevalence of OXA-58 among Acinetobacter baumannii isolates from blood cultures in a tertiary care centre in Turkey**  
Metan G., Sariguzel F., Sumerkan B., VAN DER REIJDEN T., DIJKSHOORN L.  
INFECTION GENETICS AND EVOLUTION, vol.14, pp.92-97, 2013 (Journal Indexed in SCI)
- XLII. **Factors influencing the early mortality in haematological malignancy patients with nosocomial Gram negative bacilli bacteraemia: a retrospective analysis of 154 cases**  
Metan G., Demiraslan H., Kaynar L. G. , ZARARSIZ G., Alp E., Eser B.  
BRAZILIAN JOURNAL OF INFECTIOUS DISEASES, vol.17, no.2, pp.143-149, 2013 (Journal Indexed in SCI)
- XLIII. **Risk factors influencing mortality related to Stenotrophomonas maltophilia infection in hematology-oncology patients**  
Demiraslan H., Sevim M., Pala C., Durmaz S., Berk V., KAYNAR L., Metan G.  
INTERNATIONAL JOURNAL OF HEMATOLOGY, vol.97, no.3, pp.414-420, 2013 (Journal Indexed in SCI)
- XLIII. **The interaction between piperacillin-tazobactam and Aspergillus galactomannan antigenemia assay: is the story over?**  
Metan G.  
INFECTION, vol.41, no.1, pp.293-294, 2013 (Journal Indexed in SCI)
- XLIV. **Efficacy of Sulbactam and Its Combination with Imipenem, Colistin and Tigecycline in an Experimental Model of Carbapenem-Resistant Acinetobacter baumannii Sepsis**  
DİNÇ G., Demiraslan H., Elmali F., AHMED S. S. , Metan G., Alp E., DOĞANAY M.  
CHEMOTHERAPY, vol.59, no.5, pp.325-329, 2013 (Journal Indexed in SCI)
- XLV. **What is the role of the (1 -> 3)-beta-D-glucan assay in the screening of patients undergoing autologous haematopoietic stem-cell transplantation?**  
Metan G., KOÇ A. N. , KAYNAR L., Atalay A., ÖZTÜRK A., Eser B., ÇETİN M.  
MYCOSES, vol.56, no.1, pp.34-38, 2013 (Journal Indexed in SCI)
- XLVI. **Bradycardia in a patient with Crimean-Congo hemorrhagic fever related to ribavirin treatment**  
Uysal B., Metan G.  
JOURNAL OF VECTOR BORNE DISEASES, vol.49, no.3, pp.193-194, 2012 (Journal Indexed in SCI)
- XLVII. **Can bacteraemia lead to false positive results in 1,3-beta-D-glucan test? Analysis of 83 bacteraemia episodes in high-risk patients for invasive fungal infections**  
Metan G., KOÇ A. N. , Agkus C., Kaynar L. G. , Alp E., Eser B.  
REVISTA IBEROAMERICANA DE MICOLOGIA, vol.29, no.3, pp.169-171, 2012 (Journal Indexed in SCI)
- XLVIII. **Does ampicillin-sulbactam cause false positivity of (1,3)-beta-D-glucan assay? A prospective evaluation of 15 patients without invasive fungal infections**  
Metan G., Agkus C., KOÇ A. N. , Elmali F., Finkelman M. A.  
MYCOSES, vol.55, no.4, pp.366-371, 2012 (Journal Indexed in SCI)
- XLIX. **Comment on "Frequency of Epitope-Specific Naive CD4(+) T Cells Correlates with**

## **Immunodominance in the Human Memory Repertoire"**

Ascough S., Ingram R. J. , Metan G., Maillere B., DOĞANAY M., ÖZKUL Y., Kim L. U. , Ballie L., Moore S., Huwar T. B. , et al.

JOURNAL OF IMMUNOLOGY, vol.188, no.11, pp.5205-5206, 2012 (Journal Indexed in SCI)

- L. **A Rare Clinical Presentation and Outcome of Cutaneous Anthrax: Toxemic Shock: Case Report**  
DOĞANAY M., Metan G.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.32, no.3, pp.841-845, 2012 (Journal Indexed in SCI)
- LI. **What should be the optimal cut-off of serum 1,3-beta-D-glucan for the detection of invasive pulmonary aspergillosis in patients with haematological malignancies?**  
Metan G., KOÇ A. N. , Atalay A., Kaynar L. G. , ÖZTÜRK A., Alp E., Eser B.  
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES, vol.44, no.5, pp.330-336, 2012 (Journal Indexed in SCI)
- LII. **Intravitreal tigecycline treatment in experimental Acinetobacter baumannii endophthalmitis**  
Horozoglu F., Metan G., SEVER O., Percin D., TOPAL C. S. , GONEN T., KESKINBORA K. H. , Topcu B., YANYALI A.  
JOURNAL OF CHEMOTHERAPY, vol.24, no.2, pp.101-106, 2012 (Journal Indexed in SCI)
- LIII. **Naturally Occurring Cutaneous Anthrax: Antibiotic Treatment and Outcome**  
Kayabas U., Karahocagil M. K. , ÖZKURT Z., Metan G., PARLAK E., BAYINDIR Y., Kalkan A., Akdeniz H., PARLAK M., Simpson A. J. H. , et al.  
CHEMOTHERAPY, vol.58, no.1, pp.34-43, 2012 (Journal Indexed in SCI)
- LIV. **Nosocomial candidemia: A threat beyond nosocomial bacterial infections in intensive care units**  
Mese E. A. , Agkus C., Coskun R., Metan G., Koc A. N. , SUNGUR M., DOĞANAY M.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.6, pp.1115-1118, 2011 (Journal Indexed in SCI)
- LV. **The performance of galactomannan antigen assay in the diagnosis of invasive pulmonary aspergillosis at different cutoff values**  
Metan G., KOÇ A. N. , Atalay A., KAYNAR L., ÖZTÜRK A., Alp E., Eser B.  
MYCOSES, vol.54, pp.80-81, 2011 (Journal Indexed in SCI)
- LVI. **A case of Crimean-Congo haemorrhagic fever successfully treated with therapeutic plasma exchange and ribavirin**  
Kurnaz F., Metan G., Coskun R., KAYNAR L., Eser B., DOĞANAY M.  
TROPICAL DOCTOR, vol.41, no.3, pp.181-182, 2011 (Journal Indexed in SCI)
- LVII. **Two cases of H1N1 influenza infection as the initial presentation of acute leukemia**  
KAYNAR L., Sivgin S., Baspinar O., Kurnaz F., Yildirim A., Metan G.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.2, pp.363-367, 2011 (Journal Indexed in SCI)
- LVIII. **Hospitalized pandemic influenza A (H1N1) patients in a university hospital**  
Metan G., Bozkurt I., Agkus C., Coskun R., Alp E., SUNGUR M., AYGEN B., DOĞANAY M.  
CENTRAL EUROPEAN JOURNAL OF MEDICINE, vol.6, no.1, pp.83-88, 2011 (Journal Indexed in SCI)
- LIX. **A forgotten diagnosis in emergency department: tetanus**  
Akdur O., Ozkan S., DURUKAN P., Koyuncu M., Ikizceli I., Metan G.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.112, no.8, pp.469-471, 2011 (Journal Indexed in SCI)
- LX. **The interaction between piperacillin/tazobactam and assays for Aspergillus galactomannan and 1,3-beta-d-glucan in patients without risk factors for invasive fungal infections**  
Metan G., Agkus C., Buldu H., KOÇ A. N.  
INFECTIO, vol.38, no.3, pp.217-221, 2010 (Journal Indexed in SCI)
- LXI. **An Epitope of Bacillus anthracis Protective Antigen That Is Cryptic in Rabbits May Be Immunodominant in Humans**  
Ingram R. J. , Chu K. K. , Metan G., Maillere B., DOĞANAY M., ÖZKUL Y., Dyson H., Williamson E. D. , Baillie L., Kim L. U. , et al.  
INFECTIO AND IMMUNITY, vol.78, no.5, pp.2353, 2010 (Journal Indexed in SCI)
- LXII. **Natural Exposure to Cutaneous Anthrax Gives Long-Lasting T Cell Immunity Encompassing Infection-Specific Epitopes**  
Ingram R. J. , Metan G., Maillere B., DOĞANAY M., ÖZKUL Y., Kim L. U. , Baillie L., Dyson H., Williamson E. D. , Chu K. K.

, et al.

JOURNAL OF IMMUNOLOGY, vol.184, no.7, pp.3814-3821, 2010 (Journal Indexed in SCI)

- LXIII. **Clinical Experience with Tigecycline in the Treatment of Carbapenem-Resistant Acinetobacter Infections**  
Metan G., Alp E., YILDIZ O. G. , Percin D., AYGEN B., Sumerkan B.  
JOURNAL OF CHEMOTHERAPY, vol.22, no.2, pp.110-114, 2010 (Journal Indexed in SCI)
- LXIV. **Risk factors for acquisition of methicillin-resistant Staphylococcus aureus and clonal spread of the isolates in a medical intensive care unit**  
Alp E., Yerer M., Esel D., Metan G., DOĞANAY M.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.39, no.6, pp.941-951, 2009 (Journal Indexed in SCI)
- LXV. **Antimicrobial susceptibility, inducible macrolide-lincosamide-streptogramin B, and clonal diversity patterns of nosocomial methicillin-resistant Staphylococcus aureus strains isolated in Hacettepe University adult hospital**  
ZARAKOLU P., Metan G., ALTUN B., HASCELİK G., ÜNAL S.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.39, no.5, pp.783-789, 2009 (Journal Indexed in SCI)
- LXVI. **The risk factors and spread of multidrug-resistant Acinetobacter baumannii in intubated patients in a medical intensive care unit**  
Alp E., Yerer M., Kocagoz S., Metan G., Esel D., Guerol Y., DOĞANAY M.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.39, no.5, pp.761-769, 2009 (Journal Indexed in SCI)
- LXVII. **Neurobrucellosis: an evaluation of a rare presentation of brucellosis from a tertiary care centre in Central Anatolia, Turkey**  
Demiraslan H., Metan G., Mese E. A. , YILDIZ O., AYGEN B., Sumerkan B., DOĞANAY M.  
TROPICAL DOCTOR, vol.39, no.4, pp.233-235, 2009 (Journal Indexed in SCI)
- LXVIII. **ANTHRAX MENINGOENCEPHALITIS: A CASE REPORT AND REVIEW OF TURKISH LITERATURE**  
Metan G., Uysal B., Coskun R., Percin D., DOĞANAY M.  
MIKROBIYOLOJİ BULTENİ, vol.43, no.4, pp.671-676, 2009 (Journal Indexed in SCI)
- LXIX. **Factors influencing survival in patients with multi-drug-resistant Acinetobacter bacteraemia**  
Metan G., Sariguzel F., Sumerkan B.  
EUROPEAN JOURNAL OF INTERNAL MEDICINE, vol.20, no.5, pp.540-544, 2009 (Journal Indexed in SCI)
- LXX. **Predictors of Mortality in Patients with Bacteremia of Unknown Source Due to Extended Spectrum Beta-Lactamase Producing Escherichia coli**  
Metan G., Altinbas A., Zarakolu P., YILDIZ O. G. , Sardan Y. C. , Sumerkan B., Hascelik G.  
JOURNAL OF CHEMOTHERAPY, vol.21, no.4, pp.448-451, 2009 (Journal Indexed in SCI)
- LXXI. **Human Anthrax in Turkey from 1990 to 2007**  
DOĞANAY M., Metan G.  
VECTOR-BORNE AND ZOO NOTIC DISEASES, vol.9, no.2, pp.131-139, 2009 (Journal Indexed in SCI)
- LXXII. **The Antimicrobial Susceptibility of Bacillus anthracis Isolated from Human Cases: A Review of the Turkish Literature**  
Metan G., DOĞANAY M.  
TURKIYE KLİNİKLERİ TIP BİLİMLERİ DERGİSİ, vol.29, no.1, pp.229-235, 2009 (Journal Indexed in SCI)
- LXXIII. **False positivity of 1,3-beta-D-Glucan in patients with gram negative bacilli bacteraemia: presentation of two cases from a tertiary care hospital**  
Metan M., KOÇ A. N.  
MYCOSES, vol.52, pp.43, 2009 (Journal Indexed in SCI)
- LXXIV. **Carbapenem resistant Escherichia coli and Klebsiella pneumoniae Isolates from Turkey with OXA 48 Like Carbapenemases and Outer Membrane Protein Loss**  
GÜLMEZ KIVANÇ D., WOODFORD N., PALEPOU M. I. , MUSHTAQ S., METAN G., YAKUPOĞULLARI Y., KOCAGÖZ A. S. , UZUN Ö., HASÇELİK A. G. , LİVERMORE D.  
International Journal Of Antimicrobial Agents, pp.523, 2008 (Journal Indexed in SSCI)
- LXXV. **Short communication: Prevalence of extended-spectrum beta-lactamases in nosocomial Escherichia coli and Klebsiella spp. strains isolated from blood cultures**

- Zarakolu P., Metan G., Hascelik G., Akova M.  
MIKROBIYOLOJİ BULTENİ, vol.41, no.4, pp.579-584, 2007 (Journal Indexed in SCI)
- LXXVI. **The frequency of PER-1 type extended spectrum beta-lactamases in nosocomial isolates-of Pseudomonas aeruginosa**  
ZARAKOLU P., METAN G., AYDIN N. G. , ALTUN B., HASÇELİK A. G. , AKOVA M.  
MIKROBIYOLOJİ BULTENİ, vol.41, no.3, pp.363-367, 2007 (Journal Indexed in SCI)
- LXXVII. **Acinetobacter baumannii meningitis in postneurosurgical patients: clinical outcome and impact of carbapenem resistance**  
Metan G., ALP E., AYGEN B., SUMERKAN B.  
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.60, no.1, pp.197-199, 2007 (Journal Indexed in SCI)
- LXXVIII. **Carbapenem-resistant Acinetobacter baumannii: an emerging threat for patients with post-neurosurgical meningitis**  
Metan G., ALP E., AYGEN B., SUMERKAN B.  
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, vol.29, no.1, pp.112-113, 2007 (Journal Indexed in SCI)
- LXXIX. **Which patient is a candidate for empirical therapy against Stenotrophomonas maltophilia bacteraemia? An analysis of associated risk factors in a tertiary care hospital**  
Metan G., Hayran M., Hascelik G., Uzun O.  
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES, vol.38, pp.527-531, 2006 (Journal Indexed in SCI)
- LXXX. **Brucellosis in all patients with febrile neutropenia**  
Metan G., Sardan Y., Hascelik G.  
LEUKEMIA & LYMPHOMA, vol.47, no.5, pp.954-956, 2006 (Journal Indexed in SCI)
- LXXXI. **False positivity for Aspergillus antigenemia related to the administration of piperacillin/tazobactam**  
TANRIÖVER M. D. , METAN G., ALTUN B., Hascelik G., UZUN Ö.  
European Journal of Internal Medicine, vol.16, no.7, pp.489-491, 2005 (Journal Indexed in SCI Expanded)
- LXXXII. **Rapid detection of antibacterial resistance in emerging Gram-positive cocci**  
METAN G., ZARAKOLU P., Unal S.  
JOURNAL OF HOSPITAL INFECTION, vol.61, no.2, pp.93-99, 2005 (Journal Indexed in SCI)
- LXXXIII. **Impact of initial antimicrobial therapy in patients with bloodstream infections caused by Stenotrophomonas maltophilia**  
Metan G., Uzun O.  
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.49, no.9, pp.3980-3981, 2005 (Journal Indexed in SCI)
- LXXXIV. **Clinical outcomes and therapeutic options of bloodstream infections caused by extended-spectrum beta-lactamase-producing Escherichia coli**  
METAN G., ZARAKOLU P., Cakir B., HASCELİK G., UZUN O.  
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, vol.26, no.3, pp.254-257, 2005 (Journal Indexed in SCI)
- LXXXV. **False positivity for Aspergillus antigenemia with amoxicillin-clavulonic acid**  
Metan G., Durusu M., Uzun O.  
JOURNAL OF CLINICAL MICROBIOLOGY, vol.43, no.5, pp.2548, 2005 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Is COVID-19 a risk factor for invasive pulmonary aspergillosis in critically ill patients?**  
Berrin E. R. , Gorkem A. E. R. , METAN G., HALAÇLI B., Ersoy E. O. , HAZIROLAN G., ALP A., SARIBAŞ Z., ARIKAN AKDAĞLI S., TOPELİ İSKİT A., et al.  
TUBERKULOZ VE TORAKS-TUBERCULOSIS AND THORAX, vol.69, no.1, pp.118-120, 2021 (Journal Indexed in ESCI)
- II. **An Atypical Case with Chronic Granulomatous Disease and Kabuki Syndrome**  
KÖKER M. Y. , Türe Z., Koker N., METAN G.  
ERCIYES MEDICAL JOURNAL, vol.42, no.2, pp.229-232, 2020 (Journal Indexed in ESCI)
- III. **Structural Properties and Performance Test Standards of Surgical Masks with Respirators Used in Healthcare Settings**



Zengin H., METAN G., ÜNAL S.

FLORA İNFEKSİYON HASTALIKLARI VE KLİNİK MİKROBİYOLOJİ DERGİSİ, vol.25, no.3, pp.292-300, 2020 (Journal Indexed in ESCI)

**IV. Galactomannan Antigen Detection as a Screening Tool For Early Diagnosis of Invasive Aspergillosis: Experience of Turkish Adult Patients**

METAN G., Akan H.

ERCIYES MEDICAL JOURNAL, vol.40, no.2, pp.57-60, 2018 (Journal Indexed in ESCI)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Is COVID-19 a risk factor for invasive pulmonary aspergillosis in critically ill patients?**  
ER B., ER A. G. , METAN G., HALAÇLI B., ORTAÇ ERSOY N. E. , HAZIROLAN G., SARIBAŞ Z., ALP A., ARIKAN AKDAĞLI S., TOPELİ İSKİT A., et al.  
Türk Dahili Cerrahi Yoğun Bakımlar Derneği 17. Ulusal Kongresi, Turkey, 16 - 18 November 2020
- II. **The importance of awareness for malaria regarding prophylaxis and early diagnosis: two important malaria cases in Turkey**  
ÖZMEN ÇAPIN B. B. , SÖNMEZER M. Ç. , TORTOP S., ÜNALAN E. T. , BÖLEK H., ALTINTOP S. E. , İNKAYA A. Ç. , METAN G., ERGÜVEN S.  
XXXVIII. turkish Microbiology Congress, 4 - 08 November 2018
- III. **Cystoisospora belli infection in renal transplant recipient in a university hospital**  
ÖZMEN ÇAPIN B. B. , SÖNMEZER M. Ç. , Tortop S., ÜNALAN E. T. , Bölek H., ALTINTOP S. E. , İNKAYA A. Ç. , METAN G., ERGÜVEN S.  
Uluslararası 38. Türk Mikrobiyoloji Kongresi, 4 - 08 November 2018
- IV. **Kan izolatu Lactobacillus rhamnosus dikkate alınmalı mı? Hacettepe Üniversitesi Hastanesinde izole edilen, dünyada ilk kez bildirilen OXA-48 pozitif bir L. rhamnosus olgusu**  
HAZIROLAN G., GÜNDOĞDU A., ceylan f., METAN G., ALTUN B., GÜR D., ÜNAL S.  
Uluslararası XXXVIII Türk Mikrobiyoloji Kongresi, Starlight Hotel Convention Center, Antalya, Turkey, 4 - 08 November 2018
- V. **The Importance of Awareness for Malaria Regarding Prophylaxis and Early Diagnosis: Two Imported Malaria Cases in Turkey**  
ÖZMEN ÇAPIN B. B. , SÖNMEZER M. Ç. , Tortop S., ÜNALAN E. T. , Bölek H., ALTINTOP S. E. , İNKAYA A. Ç. , METAN G., ERGÜVEN S.  
Uluslararası 38. Türk Mikrobiyoloji Kongresi, 4 - 08 November 2018
- VI. **Emergence of collistin and carbapenem resistant Acinobacter baumannii in neurological intensive care unit**  
METAN G., ZARAKOLU KÖŞKER I. P. , TEKİN I., AYTAÇ h., METİN B. C. , ÜNAL S.  
28th ECCMID, 21 - 24 April 2018, pp.267
- VII. **Çok Modelli El Hijyeni Geliştirme Stratejisi İçin Uygulama Kılavuzu ile El Hijyeni Uyumunun Arttırılması**  
AYTAÇ h., ÇINAR b., ZENGİN h., TEKİN i., BAŞBUĞ z., METAN G., ÜNAL S.  
Hastane İnfeksiyonları Kongresi 2016, Antalya, Turkey, 30 March - 03 April 2016, vol.20, pp.206-207
- VIII. **Sitomegalovirüs pnömonisi ateşli immünsuprese hastada kaçırılmaması gereken tanı**  
ASLAN A. T. , ÇALIK BAŞARAN N., ÖZİŞİK L., YEKEDÜZ E., METAN G., APRAŞ BİLGİN Ş. Ş.  
17. Ulusal İç Hastalıkları Kongresi, Antalya, Turkey, 14 - 18 October 2015, pp.165
- IX. **Evaluation of causes of diarrhoea in peripheral stem cell transplant recipient patients**  
KAYNAR L., PALA Ç., Buyukoglan R., Kurnaz F., Metan G., Yazar S., Sivgin S., Sakioglu A., Eser B., ÜNAL A., et al.  
39th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantation (EBMT), London, Canada, 7 - 10 April 2013, vol.48
- X. **Is it possible to replace pre-emptive low dose valgancyclovir treatment instead of standard gancyclovir treatment?**

KAYNAR L., Kurnaz F., Metan G., Mumcuoglu H., GÖKAHMETOĞLU S., Sivgin S., Eser B., YILDIZ O. G. , PALA Ç., ÜNAL A., et al.

37th European Group for Bone and Marrow Transplantation/27th Meeting of the EBMT Nurses Group/10th Meeting of the EBMT Management Group, Paris, France, 3 - 06 April 2011, vol.46

- XI. **T cell epitope mapping anthrax: the detection of CD4 epitopes in lethal factor**  
Ingram R. J. , Chu K., Metan G., Ascough S., DOĞANAY M., Sriskandan S., Altmann D. M.  
Annual Congress of the British-Society-of-Immunology, Glasgow, United Kingdom, 17 - 21 November 2008, vol.125, pp.144
- XII. **Karbapenem dirençli genişletilmiş spektrumlu beta laktamaz salgılayan Escherichia coli izolatu**  
METAN G., GÜLMEZ KIVANÇ D., UZUN Ö., KOCAGÖZ A. S. , HASÇELİK A. G.  
7. Febril Nötropeni Simpozyumu, Ankara, Turkey, 23 - 26 February 2006, pp.213
- XIII. **Genişlemiş spektrumlu beta laktamaz salgılayan Morganella morganii Türkiye den ilk olgu sunumu 2005 Sözlü sunum**  
GÜLMEZ KIVANÇ D., METAN G., ESER Ö., KOCAGÖZ A. S. , HASÇELİK A. G.  
XII. Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi KLİMİK, Antalya, Turkey, 16 - 20 November 2005, pp.204-205

## Supported Projects

ÇAĞDAŞ AYVAZ D. N. , METAN G., TEZCAN F. İ. , TUBITAK Project, 114S352 Kronik Granulomatoz Hastalıkta Genetik Patogenez Ve Residüel NADPH Oksidaz Aktivitesi Arasındaki İlişkinin Araştırılması, 2014 - Continues

METAN G., Project Supported by Other Private Institutions, Akut lösemi ve miyelodisplastik sendrom tanısı ile kemoterapi alan veya allojeneik kemik iliği nakli yapılan hastalarda antifungal profilaksisin etkinliğinin belirlenmesi, 2015 - 2016

## Citations

Total Citations (WOS):1438

h-index (WOS):19