

Prof. GÖKHAN METAN

Personal Information

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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, 2007 - 2011

Assistant Professor, Erciyes Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 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.
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- 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**
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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.
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- 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., İlbaý 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?**
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 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.
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- 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.
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- XXI. **Feasibility of a new clinical severity scoring index for Crimean-Congo Hemorrhagic fever***
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- 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.
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- 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.
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- 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.
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- 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.
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- 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**
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- XXXII. **Outbreak of postoperative empyema caused by Serratia marcescens in a thoracic surgery unit**
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- 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.
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- 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.
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- 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)
- XLI. **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.
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- XLII. **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.
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- 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.
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- 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.
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- XLVI. **Bradycardia in a patient with Crimean-Congo hemorrhagic fever related to ribavirin treatment**
Uysal B., Metan G.
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- 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**
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- 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"

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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.
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- 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.
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- LIII. **Naturally Occurring Cutaneous Anthrax: Antibiotic Treatment and Outcome**
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- 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.
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- 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.
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- LVI. **A case of Crimean-Congo haemorrhagic fever successfully treated with therapeutic plasma exchange and ribavirin**
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- LVII. **Two cases of H1N1 influenza infection as the initial presentation of acute leukemia**
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- LVIII. **Hospitalized pandemic influenza A (H1N1) patients in a university hospital**
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- 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**
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- LXI. **An Epitope of Bacillus anthracis Protective Antigen That Is Cryptic in Rabbits May Be Immunodominant in Humans**
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- LXII. **Natural Exposure to Cutaneous Anthrax Gives Long-Lasting T Cell Immunity Encompassing Infection-Specific Epitopes**
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- LXIII. **Clinical Experience with Tigecycline in the Treatment of Carbapenem-Resistant Acinetobacter Infections**
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- 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.
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- 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.
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