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Education Information

Expertise In Medicine, Hacettepe University, Tıp, Tıbbi Mikrobiyoloji, Turkey 1993 - 1993

Undergraduate, Hacettepe University, İngilizce Tıp Fakültesi, Tıp, Turkey 1982 - 1988

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Mycology

Academic Titles / Tasks

Professor, Hacettepe University, Hacettepe Tıp Fakültesi, 2004 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Invasive Fungal Diseases in Adult Patients in Intensive Care Unit (FUNDICU): 2024 consensus definitions from ESGCIP, EFISG, ESICM, ECMM, MSGERC, ISAC, and ISHAM**
Bassetti M., Giacobbe D. R., Agvald-Ohman C., AKOVA M., Alastruey-Izquierdo A., ARIKAN AKDAĞLI S., Azoulay E., Blot S., Cornely O. A., Cuenca-Estrella M., et al.
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- II. **Invasive fungal rhinosinusitis by *Fusarium proliferatum/annulatum* in a patient with acute myeloid leukemia: A case report and review of the literature**
Caliskan Z. C., Karahan G., Koray N., GÖKÇINAR Y., GÜLMEZ KIVANÇ D., ARIKAN AKDAĞLI S., ÜNAL S., UZUN Ö.
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- III. **Myrtenyl-bispidine containing azole: synthesis and antifungal activity**
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Mendeleev Communications, vol.34, no.1, pp.119-121, 2024 (SCI-Expanded)
- IV. **Predictors for Prolonged Hospital Stay Solely to Complete Intravenous Antifungal Treatment in Patients with Candidemia: Results from the ECMM Candida III Multinational European Observational Cohort Study**
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- V. **European candidaemia is characterised by notable differential epidemiology and susceptibility**

pattern: Results from the ECMM Candida III study

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- VI. **Diagnostic performance and longitudinal analysis of fungal biomarkers in COVID-19 associated pulmonary aspergillosis**
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- VII. **Guideline adherence and survival of patients with candidaemia in Europe: results from the ECMM Candida III multinational European observational cohort study**
Hoenigl M., Salmanton-García J., Egger M., Gangneux J., Bicanic T., ARIKAN AKDAĞLI S., Alastruey-Izquierdo A., Klimko N., Barac A., Özenci V., et al.
The Lancet Infectious Diseases, vol.23, no.6, pp.751-761, 2023 (SCI-Expanded)
- VIII. **Rational Design of New Monoterpene-Containing Azoles and Their Antifungal Activity**
Li-Zhulanov N. S., Zaikova N. P., Sarı S., Gülmez Kivanç D., Sabuncuoğlu S., Özadalı Sarı K., Arıkan Akdağlı S., Nefedov A. A., Rybalova T. V., Volcho K. P., et al.
Antibiotics, vol.12, no.5, 2023 (SCI-Expanded)
- IX. **Necrotizing pneumonia due to Aspergillus and Salmonella after immune checkpoint inhibitor treatment: An unusual case and review of the literature Neumonía necrotizante por Aspergillus y Salmonella tras tratamiento con un inhibidor de puntos de control inmunitario: un caso inusual y revisión de la literatura**
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- X. **Environmental and bioclimatic factors influencing yeasts and molds distribution along European shores**
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- XI. **Multicentre validation of a modified EUCAST MIC testing method and development of associated epidemiologic cut-off (ECOFF) values for rezafungin**
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- XII. **Impact of Guideline adherence on outcome in Candidemia: Results from the ECMM Candida III multinational European study**
Egger M., Hoenigl M., Salmanton-García J., Arendrup M. C., Kohler P., Gangneux J. P., Bicanic T., Arıkan-Akdağlı S., Lass-Flörl C., Prattes J., et al.
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- XIII. **Frequency of azole resistance in clinical and environmental strains of Aspergillus fumigatus in Turkey: a multicentre study**
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- XIV. **A screening study for COVID-19-associated pulmonary aspergillosis in critically ill patients during the third wave of the pandemic**
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- XV. **A Pragmatic Approach to Susceptibility Classification of Yeasts without EUCAST Clinical Breakpoints**
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- XVI. **Global guideline for the diagnosis and management of rare yeast infections: an initiative of the**

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Chen S. C., Perfect J., Colombo A. L., Cornely O. A., Groll A. H., Seidel D., Albus K., de Almedia J. N., Garcia-Effron G., Gilroy N., et al.

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- XVII. **Implementation of Pharmacist-Driven Antifungal Stewardship Program in a Tertiary Care Hospital**
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ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.65, no.9, 2021 (SCI-Expanded)
- XVIII. **The Emergence of Echinocandin-Resistant Candida glabrata Exhibiting High MICs and Related FKS Mutations in Turkey**
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- XIX. **Mycosands: Fungal diversity and abundance in beach sand and recreational waters & relevance to human health**
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- XX. **Species distribution, azole resistance and related molecular mechanisms in invasive Candida parapsilosis complex isolates: Increase in fluconazole resistance in 21 years**
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- XXI. **Expect the unexpected: fungemia caused by uncommon Candida species in a Turkish University Hospital**
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- XXII. **MixInYeast: A Multicenter Study on Mixed Yeast Infections**
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- XXIII. **Changing Trends in Isolation Frequencies and Species of Clinical Fungal Strains: What Do the 12-years (2008-2019) Mycology Laboratory Data Tell About?**
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- XXIV. **A Rare Yeast: Cases of Rhodotorula mucilaginosa Infection Followed Up in a Tertiary University Hospital**
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- XXV. **Invasive pulmonary aspergillosis treatment duration in haematology patients in Europe: An EFISG, IDWP-EBMT, EORTC-IDG and SEIFEM survey**
Lanternier F., Seidel D., Pagano L., Styczynski J., Mikulska M., Pulcini C., Maertens J., Munoz P., Garcia-Vidal C., Rijnders B., et al.
MYCOSES, vol.63, no.5, pp.420-429, 2020 (SCI-Expanded)
- XXVI. **Phenotypic and Genotypic Evaluation of Azole Resistance in Aspergillus fumigatus Isolates from Clinical and Environmental Specimens**
DOĞAN Ö., GÜLMEZ KIVANÇ D., ARIKAN AKDAĞLI S.
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- XXVII. **Fungal infections of the skin and soft tissue**
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- XXVIII. **Global guideline for the diagnosis and management of mucormycosis: an initiative of the European**

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- XXIX. **ECMM CandiReg-A ready to use platform for outbreaks and epidemiological studies**
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- XXX. **First multicenter report of in vitro resistance rates in candidemia isolates in Turkey**
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- XXXI. **Antifungal susceptibility profiles of rare ascomycetous yeasts**
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- XXXII. **Developing definitions for invasive fungal diseases in critically ill adult patients in intensive care units. Protocol of the FUNgal infections Definitions in ICU patients (FUNDICU) project**
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- XXXIII. **Antifungal Resistance: Specific Focus on Multidrug Resistance in Candida auris and Secondary Azole Resistance in Aspergillus fumigatus**
ARIKAN AKDAĞLI S., Ghannoum M., Meis J. F.
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- XXXIV. **In vitro activities of antifungal drugs against environmental Exophiala isolates and review of the literature**
Gulmez D., Dogan O., Boral B., Dogen A., Ilkit M., de Hoog G. S., Arikan-Akdagli S.
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- XXXV. **Diagnosis and management of Aspergillus diseases: executive summary of the 2017 ESCMID-ECMM-ERS guideline**
Ullmann A. J., Aguado J. M., Arikan-Akdagli S., Denning D. W., Groll A. H., Lagrou K., Lass-Floerl C., Lewis R. E., Munoz P., Verweij P. E., et al.
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- XXXVI. **Azole-Resistance in Aspergillus terreus and Related Species: An Emerging Problem or a Rare Phenomenon?**
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- XXXVII. **A prospective international Aspergillus terreus survey: an EFISG, ISHAM and ECMM joint study**
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- XXXVIII. **Evaluation of PNA-FISH Method for Direct Identification of Candida Species in Blood Culture Samples and Its Potential Impact on Guidance of Antifungal Therapy**
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- XXXIX. **Evaluation of Antifungal Efficacy of 0.1% and 0.25% Riboflavin with UVA: A Comparative In Vitro Study**
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- XL. **Comparison of Microdilution and Disk Diffusion Methods for the Detection of Fluconazole and Voriconazole Susceptibility Against Clinical Candida glabrata Isolates and Determination of Changing Susceptibility with New CLSI Breakpoints**
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- XLI. **In vitro activities of six antifungal drugs against Exophiala spp. isolated from dishwashers and railway sleepers in Turkey**
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- XLII. **Aspergillosis, mucormycosis, and other mould infections: the role of the mycologists**
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- XLIII. **Is the extraction by Whatman FTA filter matrix technology and sequencing of large ribosomal subunit D1-D2 region sufficient for identification of clinical fungi?**
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- XLIV. **Epidemiology of candidaemia in a tertiary care university hospital: 10-year experience with 381 candidaemia episodes between 2001 and 2010**
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- XLV. **Prospective Multicenter International Surveillance of Azole Resistance in Aspergillus fumigatus**
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- XLVI. **Candidaemia in a paediatric centre and importance of central venous catheter removal**
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- XLVII. **Aspergillus terreus Infection in a Sutureless Self-sealing Incision Made During Cataract Surgery**
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- XLVIII. **Improvement in the outcome of invasive fusariosis in the last decade**
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- XLIX. **ESCMID and ECMM joint guidelines on diagnosis and management of hyalohyphomycosis: Fusarium spp., Scedosporium spp. and others**
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- L. **ESCMID and ECMM joint clinical guidelines for the diagnosis and management of systemic phaeohyphomycosis: diseases caused by black fungi**
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- LII. **Epidemiology of antifungal drug resistance**
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- LIII. **Is the extraction by Whatman FTA filter matrix technology and sequencing of large ribosomal subunit D1/D2 region sufficient for identification of clinical fungi?**
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- LIV. **Distribution, virulence attributes and antifungal susceptibility patterns of *Candida parapsilosis* complex strains isolated from clinical samples**
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- LV. **Isolation of *Scedosporium apiospermum* (Teleomorph: *Pseudallescheria apiosperma*) from an Acute Myeloid Leukemia Patient**
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- LVI. **Head-to-Head Comparison of Inhibitory and Fungicidal Activities of Fluconazole, Itraconazole, Voriconazole, Posaconazole, and Isavuconazole against Clinical Isolates of *Trichosporon asahii***
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- LX. **ESCMID* guideline for the diagnosis and management of *Candida* diseases 2012: prevention and management of invasive infections in neonates and children caused by *Candida* spp.**
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- LXI. **ESCMID* guideline for the diagnosis and management of *Candida* diseases 2012: developing European guidelines in clinical microbiology and infectious diseases**
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- LXII. **ESCMID* guideline for the diagnosis and management of *Candida* diseases 2012: non-neutropenic adult patients**
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- LXIII. **Influence of serum on in vitro susceptibility testing of echinocandins for *Candida parapsilosis* and *Candida guilliermondii***

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- LXIV. **Azole resistance in Aspergillus: global status in Europe and Asia**
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- LXV. **Trichosporon spp.**
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- LXVI. **Geotrichum spp.**
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- LXVII. **POSTTRAUMATIC PRIMARY CUTANEOUS ASPERGILLOSIS WITH CANDIDA GUILLIERMONDII INFECTION IN A HEALTHY HOST**
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Metrics

Publication: 110

Citation (WoS): 3082

Citation (Scopus): 352

H-Index (WoS): 20

H-Index (Scopus): 11