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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji A.B.D., Turkey 2019 - Continues

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biology, Turkey 2015 - 2018

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2010 - 2015

Foreign Languages

English, C2 Mastery

Research Areas

Health Sciences, Life Sciences, Biochemistry, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakóltesi, Biyoloji Bölümü, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Identification of Ochrobactrum as a bacteria with transstadial transmission and potential for application in paratransgenic control of leishmaniasis**
VASELEK S., SARAÇ B. E., Uzunkaya A. D., Yilmaz A., KARAASLAN İ. Ç., ALTEN S. B.
Parasitology Research, vol.123, no.1, 2024 (SCI-Expanded)
- II. **Cytokine Profiles of Chronic Urticaria Patients and The Effect of Omalizumab Treatment**
CAN BOSTAN Ö., DAMADOĐLU E., SARAÇ B. E., KILIÇ B., ŐAHİNER Ü. M., KARAASLAN İ. Ç., KARAKAYA G., KALYONCU A. F.
Dermatology Practical and Conceptual, vol.13, no.4, 2023 (SCI-Expanded)
- III. **Omics technologies in allergy and asthma research: An EAACI position paper**
Radzikowska U., Baerenfaller K., Cornejo-Garcia J. A., KARAASLAN İ. Ç., Barletta E., SARAÇ B. E., Zhakparov D., Villasenor A., Eguiluz-Gracia I., Mayorga C., et al.
ALLERGY, vol.77, no.10, pp.2888-2908, 2022 (SCI-Expanded)
- IV. **The Expression Profile of Protease Inhibitors in the Airway Epithelial Cells after Allergen (Der p 1) Stimulation**

Karaaslan C., KARAGÜZEL D., SARAÇ B. E., SUCULARLI C., AKEL BİLGİÇ H., Kalaycı O.
INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY, vol.183, no.1, pp.25-33, 2022 (SCI-Expanded)

- V. **House dust mite-derived allergens effect on matrix metalloproteases in airway epithelial cells.**
Karaguzel D., Sarac B. E., Akel Bilgic H., Summak G. Y., Unal M. A., Kalayci O., Karaaslan C.
Experimental lung research, vol.47, no.9, pp.436-450, 2021 (SCI-Expanded)
- VI. **The Genetic Variants of Interferon Regulatory Factor-3 in Children with Asthma**
Mosayyebi S., Sarac B. E., Akel Bilgic H., Sahiner Ü. M., Sackesen C., Kalayci O., Karaaslan C.
JOURNAL OF INTERFERON AND CYTOKINE RESEARCH, vol.40, no.12, pp.570-577, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of SERPINB3 on mucus expression in airway epithelial cells**
Saraç B. E., Karagüzel D., Bilgic A. H., Birben E., Kalaycı O., Karaaslan İ. Ç.
European-Academy-of-Allergology-and-Clinical-Immunology Digital Congress (EAACI), London, Canada, 6 - 08 June 2020, vol.75, pp.166-167
- II. **Effects of HDM derived protease allergens on matrix metalloproteases and cytokine profiles in airway epithelial cells**
Karagüzel D., Saraç B. E., Bilgic A. H., Karaaslan İ. Ç.
European-Academy-of-Allergology-and-Clinical-Immunology Digital Congress (EAACI), London, Canada, 6 - 08 June 2020, vol.75, pp.392
- III. **Effects of Protease Allergens on Airway Epithelial Cell Derived Matrix Metalloproteases**
Karagüzel D., Saraç B. E., Akel Bilgiç H., Karaaslan İ. Ç.
18th EAACI Immunology Winter School, Alpes-De-Haute-Provence, France, 23 - 26 January 2020
- IV. **Solunum yolu yapısal ve inflamatuvar hücrelerinde oksidatif stres cevabının karşılaştırılması**
Akel Bilgiç H., Karagüzel D., Saraç B. E., Prof. Dr. Ömer Kalaycı P. D. Ö., Karaaslan İ. Ç.
XXVI. Ulusal Allerji ve Klinik İmmünoloji Kongresi, Antalya, Turkey, 9 - 13 November 2019, pp.1
- V. **Proteaz Alerjenlerin Havayolu Epitel Hücre Kaynaklı Matriks Metalloproteazlar Üzerine Etkileri**
Karagüzel D., Saraç B. E., Akel Bilgiç H., Karaaslan İ. Ç.
XXVI. Ulusal Allerji ve Klinik İmmünoloji Kongresi, Antalya, Turkey, 9 - 13 November 2019, pp.21
- VI. **Havayolu Epitel Hücrelerinde SERPINB3'ün Mukus İfadesi Üzerine Etkisi**
Saraç B. E., Karagüzel D., Akel Bilgiç H., Birben E., Kalaycı C. Ö., Karaaslan İ. Ç.
XXVI. Ulusal Allerji ve Klinik İmmünoloji Kongresi, Antalya, Turkey, 9 - 13 November 2019

Supported Projects

AKEL BİLGİÇ H., KARAASLAN İ. Ç., SARAÇ B. E., Kılıç B., Project Supported by Higher Education Institutions, Sigara dumanı kondensatı ve tert-Butil Hidroperoksit ile uyarılan insan nötrofil hücre hattında oksidatif stres ve antioksidan cevabın araştırılması, 2020 - 2022

Metrics

Publication: 12
Citation (WoS): 6
Citation (Scopus): 7
H-Index (WoS): 2
H-Index (Scopus): 2