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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 Fakültesi, 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., DAMADOĞLU E., SARAÇ B. E., KILIÇ B., ŞAHİNER 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., Kalayci 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., Kalayci 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 Alerji 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., Kalayci C. Ö., Karaaslan İ. Ç.
XXVI. Ulusal Alerji 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 cevabı araştırılması, 2020 - 2022

Metrics

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