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Personal Information

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International Researcher IDs

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Education Information

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 2012 - 2016

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Hava Yolu Epitel Hücrelerinde Alerjen Proteazların Matriks Proteazların Salımı Üzerine Olan Etkileri, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2019

Research Areas

Life Sciences, 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. **Enhanced Osteogenic Potential of Noggin Knockout C2C12 Cells on BMP-2 Releasing Silk Scaffolds**
ÇAKMAK A. S., Fuerkaiti S., KARAGÜZEL D., KARAASLAN İ. Ç., GÜMÜŞDERELİOĞLU M.
ACS Biomaterials Science and Engineering, vol.9, no.11, pp.6175-6185, 2023 (SCI-Expanded)
- II. **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)
- III. **Pistachio and cashew nut allergy in childhood: Predictive factors towards development of a decision tree**
Cetinkaya P., Karaguzel D., Esenboğa S., Sahiner Ü. M., Soyer O., Buyuktiryaki B., Birben E., Karaaslan Ç., Sekerel B. E.

ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY, vol.39, no.1, pp.53-61, 2021 (SCI-Expanded)

- IV. **A clinical score to guide in decision making for monogenic type I IFNopathies.**
Sönmez H., Karaaslan C., de J., Batu E., Anlar B., Sözeri B., Bilginer Y., Karaguzel D., Cagdas A., Tezcan I., et al.
Pediatric research, vol.87, no.4, pp.745-752, 2020 (SCI-Expanded)
- V. **The Influence of Dietary Fatty Acids on Immune Responses.**
Radzikowska U., Rinaldi A., Çelebi S., Karaguzel D., Wojcik M., Cypryk K., Akdis M., Akdis C., Sokolowska M.
Nutrients, vol.11, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effects of allergen proteases on fibroblast-myofibroblast transition in mouse and epithelial-fibroblast co-culture model**
Kilic B., KARAGÜZEL D., Tynecka M., Sarac B., Walewska A., Bilgic H. A., Tarasik A., Reszec J., Moniuszko M., Eljaszewicz A., et al.
Annual Hybrid Congress of the European-Academy-of-Allergy-and-Clinical-Immunology (EAACI), Hamburg, Germany, 9 - 11 June 2023, pp.92-93
- 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. **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
- 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
- VII. **The effect of SERPINB1 protease inhibitor on the inflammatory response genes in bronchial epithelial cells**
KARAGÜZEL D., ARAN O. T., Bilgic A. H., Kalayci O., Karaaslan C.
Congress of the European-Academy-of-Allergy-and-Clinical-Immunology (EAACI), Lisbon, Portugal, 1 - 05 June 2019, vol.74, pp.417-418
- VIII. **Comparison of the oxidative stress response induced by tert-butyl hydroperoxide in airway resident and inflammatory cells**
Akel Bilgiç H., Karagüzel D., Kalaycı P. D. Ö., Karaaslan İ. Ç.
EAACI 2019 , Lisbon, Portugal, 1 - 05 June 2019, pp.419
- IX. **SERPINB3 response to Der p1 stimulation in airway epithelial cell is partially PAR-2 dependent (Late Breaking Abstract)**
AKEL H., KARAGÜZEL D.
EAACI Congress 2018, Munich, Germany, 26 May 2018, pp.72
- X. **The protease inhibitor profile of the airway epithelial cell lines after Der p1 stimulation**
AKEL H., Karaguzel D., BİRBEN E., KARAASLAN İ. Ç., KALAYCI Ö.
European Academy of Allergy and Clinical Immunology (EAACI) Congress, 2018, 26 - 30 May 2018

- XI. **SERPINB3 response to Der p1 stimulation in airway epithelial cell is partially PAR-2 dependent**
AKEL H., KARAGÜZEL D., BİRBEN E., KALAYCI Ö., KARAASLAN İ. Ç.
EAACI 2018, 26 - 30 May 2018
- XII. **DNA Barcoding Research on Some Species of the Genera Ampedus (Coleoptera: Elateridae)**
KABALAK M., KARAASLAN İ. Ç., AKEL H., KARAGÜZEL D.
Symposium of Eurasian Biodiversity 2017, 5 - 08 July 2017

Supported Projects

KARAASLAN İ. Ç., KARAGÜZEL D., Project Supported by Higher Education Institutions, Hava Yolu Epitel Hücrelerinde Alerjen Proteazlarının Matriks Proteazların Salımı Üzerine olan Etkileri, 2019 - 2021

Metrics

Publication: 19
Citation (WoS): 20
Citation (Scopus): 39
H-Index (WoS): 3
H-Index (Scopus): 4

Congress and Symposium Activities

EAACI Congress 2018, Attendee, Munich, Germany, 2018