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International Researcher IDs

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Education Information

Doctorate, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey 2016 - 2020

Research Areas

Immunology, Medical Biology, Hematology, Oncology, Immunology and Rheumatology, Neurology, Molecular Biology of Cancer

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design, synthesis, and applications of nucleic acid-specific benzoxazole-N,N-dialkylphenylamines derivatives for nucleolus imaging in the cells**
Kuzu B., Açıkgöz E., Çakır M.
Journal of Molecular Structure, vol.1309, 2024 (SCI-Expanded)
- II. **Design and Synthesis of ESIPT-Based Imidazole Derivatives for Cell Imaging**
Gül S., Açıkgöz E., Çakır M., Menges N.
ACS Omega, vol.9, no.23, pp.24291-24298, 2024 (SCI-Expanded)
- III. **Alantolactone ameliorates graft versus host disease in mice.**
Odabas G. P., Aslan K., Suna P. A., Kendirli P. K., Erdem Ş., Çakır M., Özcan A., Yılmaz E., Karakukcu M., Donmez-Altuntas H., et al.
International immunopharmacology, vol.128, pp.111560, 2024 (SCI-Expanded)
- IV. **A benzimidazolium salt induces apoptosis and arrests cells at sub-G1 phase in epithelial ovarian cancer cells**
Akar S., Çakır M., Özkol H., Akkoç S., Özdem B.
MOLECULAR BIOLOGY REPORTS, vol.51, pp.1-9, 2024 (SCI-Expanded)
- V. **Characterization of peripheral blood T follicular helper (TFH) cells in patients with type 1 Gaucher disease and carriers**
Uzen R., BAYRAM F., Dursun H., KARDAŞ F., Çakır M., Cucer N., EKEN A., ALTUNTAŞ H.
Blood Cells, Molecules, and Diseases, vol.100, 2023 (SCI-Expanded)
- VI. **Oxidative and chromosomal DNA damage in patients with type I Gaucher disease and carriers**
Uzen R., BAYRAM F., Dursun H., KARDAŞ F., Altın-Celik P., Çakır M., EKEN A., Cucer N., ALTUNTAŞ H.
Clinical Biochemistry, vol.111, pp.26-31, 2023 (SCI-Expanded)
- VII. **Temporal overexpression of IL-22 and Reg3 gamma differentially impacts the severity of**

experimental autoimmune encephalomyelitis

Eken A., Erdem S., Haliloglu Y., Zehra Okus F., Çakır M., Fatih Yetkin M., Akcakoyunlu M., Karayiğit M. Ö., Azizoglu Z. B., Bicer A., et al.

IMMUNOLOGY, vol.164, no.1, pp.73-89, 2021 (SCI-Expanded)

VIII. The number and activity of CD3(+)TCR V alpha 7.2(+)CD161(+) cells are increased in children with acute rheumatic fever

ÖZKAYA M., BAYKAN A., Cakir M., VURAL Ç., Sunkak S., Unal E., EKEN A.

INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.333, pp.174-183, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Anticancer Effect of 1-(Anthracen-10-ylmethyl)-3-(2-cyanobenzyl)-1H-benzo[d]imidazol-3-ium chloride in 2D and 3D Cell Culture Models in Breast Cancer**
Çakır M., Akar S., Çakır Ş., Akkoç S., Özkol H., Tülüce Y.
Eastern Journal of Medicine, vol.29, no.2, pp.244-251, 2024 (Scopus)
- II. **Metformin Eliminates CD133high/CD44high Prostate Cancer Stem Cells Via Cell Cycle Arrest and Apoptosis**
AÇIKGÖZ E., ÇAKIR M., GÜVEN M., ÖKTEM G.
EURASIAN JOURNAL OF MEDICINE AND ONCOLOGY, vol.5, no.4, pp.298-304, 2021 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **İMİQUIMOD İLE İNDÜKLENEN IN VITRO PSÖRİAZİS MODELİNDE LOGANİNİN ANTI-PSÖRİATİK POTANSİYELİNİN İNFLAMAZOM YOLAĞI ÖZELİNDE DEĞERLENDİRİLMESİ**
TAŞ C., AÇIKGÖZ E., ÇAKIR M.
Van Yüzüncü Yıl Üniversitesi 1.Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 27 October 2022
- II. **INVESTIGATION OF METABOLIC SIGNATURES OF POLYPLOID GIANT CANCER CELLS IN COLON CANCER WITH INFRARED SPECTROSCOPY**
GÜLER G., AÇIKGÖZ E., ÇAKIR M.
4th International 33rd National Turkish Biophysics Congress, Adıyaman, Turkey, 31 August 2022

Supported Projects

Çakır M., R&D Project of Group B, Sch-B'nin immün sistem hücrelerine etkisinin belirlenmesi, 2024 - 2025

Açıköz E., Çakır M., TÜBİTAK Project, İmiquimod İle İndüklenmiş Fare Psöriazis Modelinde Loganinin İmmünomodülatör Etkilerinin Araştırılması, 2023 - 2023

Çakır M., Açıköz E., Keskin S., TÜBİTAK Project, İmiquimod İle İndüklenmiş Fare Psöriazis Modelinde Bergenin Cd4+T Hücrelerine Etkilerinin Araştırılması, 2023 - 2023