

Asst. Prof. Mevlüt Arslan

Personal Information

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Address: Van YYÜ, Veteriner Fakültesi, Genetik ABD Zeve Kampüsü/VAN

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, MOLEKÜLER BİYOLOJİ-GENETİK VE BİYOTEKNOLOJİ, Turkey 2011 - 2017

Postgraduate, Van Yüzüncü Yil University, Veteriner Fakültesi, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Molecular and physiological investigation of longevity in yeast, Istanbul Technical University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji-Genetik Ve Biyoteknoloji, 2018

Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed, Genetics, Agricultural Sciences, Agriculture, Zootekni and Animal Nutrition, Genetic, Life Sciences, Molecular Biology and Genetics, Genetic Engineering, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2018 - Continues

Research Assistant PhD, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2018 - 2018

Research Assistant, Istanbul Technical University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji-Genetik Ve Biyoteknoloji, 2012 - 2018

Research Assistant, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2011 - 2012

Academic and Administrative Experience

Head of Department, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme , 2018 - 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Genomic, transcriptomic and physiological analyses of silver-resistant *Saccharomyces cerevisiae* obtained by evolutionary engineering**
Terzioğlu E., Alkim C., Arslan M., Balaban B. G., Holyavkin C., Kisakesen H. I., Topaloğlu A., Sahin U. Y., Isik S. G., Akman S., et al.
YEAST, vol.37, pp.413-426, 2020 (Journal Indexed in SCI)
- II. **Evolutionary engineering and molecular characterization of a caffeine-resistant *Saccharomyces cerevisiae* strain**
Surmeli Y., Holyavkin C., Topaloğlu A., Arslan M., Kisakesen H. I., Çakar Z. P.
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.35, no.12, 2019 (Journal Indexed in SCI)
- III. **Physiological and Transcriptomic Analysis of a Chronologically Long-Lived *Saccharomyces cerevisiae* Strain Obtained by Evolutionary Engineering**
Arslan M., Holyavkin C., Kisakesen H. I., Topaloğlu A., Surmeli Y., Çakar Z. P.
MOLECULAR BIOTECHNOLOGY, vol.60, no.7, pp.468-484, 2018 (Journal Indexed in SCI)
- IV. **An improved semi-quantitative spot assay to analyse chronological lifespan in yeast**
Arslan M., Turanlı-Yıldız B., Yılmaz B., Kocaefe N., Çakar Z. P.
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.23, no.3, pp.13551-13560, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A New Primer Designing for PCR-RFLP Analysis of A and B Genetic Variants of Bovine Kappa-Casein**
Arslan M.
Harran Üniversitesi Veteriner Fakültesi Dergisi, vol.9, no.1, pp.6-11, 2020 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of centrifugation at different levels of freeze-thawed blood on DNA isolation**
Arslan M.
Domestic Animal Breeding Genetics and Husbandry-2021, Odessa, Ukraine, 27 - 28 September 2021, pp.60
- II. **Whole-genome sequencing and genomic analysis of Norduz Goat**
Arslan M.
Domestic Animal Breeding Genetics and Husbandry-2021, Odessa, Ukraine, 27 - 28 September 2021, pp.55
- III. **Genomic and transcriptomic analyses of a caffeine-hyperresistant *Saccharomyces cerevisiae* strain obtained by evolutionary engineering**
SÜRMEĻİ Y., Holyavkin C., TOPALOĞĻU A., ARSLAN M., Kisakesen H. İ., ÇAKAR Z. P.
Microbial Stress 2020 Conference (organized by the European Federation of Biotechnology), Roma (pandemi nedeniyle online oldu), Italy, 16 - 18 November 2020, pp.47
- IV. **EFFECT OF SAMPLE CONCENTRATION ON RESOLUTION AND BAND QUALITY IN AGAROSE GEL ELECTROPHORESIS**
Arslan M.
ISPEC 5th INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE and RURAL DEVELOPMENT , Ankara, Turkey, 13 - 15 November 2020
- V. **A NEW PRIMER SEQUENCE FOR PCR-RFLP ANALYSIS OF A AND B GENETIC VARIANTS OF BOVINE K-CASEIN**
Arslan M.
III. Uluslararası AVRASYA Multidisipliner Çalışmalar Kongresi, Gaziantep, Turkey, 4 - 07 April 2019, pp.137
- VI. **The Prevalence of *Varroa destructor* Haplotypes Found in *Apis mellifera* in the Province of Kütahya**

AYAN A., ARSLAN M.

Ahtamara I. Uluslararası Multidisipliner Çalışmalar Kongresi, Gevaş/Van, Turkey, 25 - 26 August 2018, pp.254

VII. DNA SEQUENCING FROM SANGER TO TODAY

Arslan M., Ayan A.

AHTAMARA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Van, Turkey, 25 - 26 August 2018, pp.255

VIII. Chronological life span of stress-resistant *Saccharomyces cerevisiae* mutants obtained by inverse metabolic engineering

ARSLAN M., SÜRMEİ Y., TOPALOĞLU A., ÇAKAR Z. P.

International ITU Molecular Biology and Genetics Student Congress'xx17, İstanbul, Turkey, 6 - 08 October 2017

IX. Evolutionary Engineering of Caffeine-resistant *Saccharomyces cerevisiae*

SÜRMEİ Y., ARSLAN M., TOPALOĞLU A., ÇAKAR Z. P.

PYFF6- Sixth Conference on Physiology of Yeasts and Filamentous Fungi, LÍZBON, Portugal, 11 - 14 July 2016

X. Longevity of stress resistant yeast mutants obtained by evolutionary engineering

ARSLAN M., SÜRMEİ Y., TOPALOĞLU A., ÇAKAR Z. P.

Cell Symposia Aging and Metabolism, Sitges, Spain, 10 - 12 July 2016

Supported Projects

Yener Z., İNCECİK V., Arslan M., Project Supported by Higher Education Institutions, Azoksimetan ile Deneysel Olarak Kolonik Anormal Kript Oluşturulan Ratlarda *Polygonum aviculare* Çoban Değneği Ekstraktinin Koruyucu Etkinliğinin Histopatolojik ve Genetik Olarak Araştırılması, 2019 - Continues

Arslan M., Project Supported by Higher Education Institutions, Norduz Keçisinin Tüm Genomunun Dizilenmesi ve Genomik Analizi, 2019 - 2021

Arslan M., Project Supported by Higher Education Institutions, Donmuş çözünmüş kannı farklı değerlerde santrifüjünün DNA izolasyonu üzerine etkisi, 2019 - 2020

Scientific Refereeing

KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, Journal Indexed in SCI-E, June 2021

Journal of applied biological science, Other Indexed Journal, October 2020

TURKISH JOURNAL OF BIOLOGY, Journal Indexed in SCI-E, July 2020

turkish journal of animal and veterinary science, Other Journals, January 2020

KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, Journal Indexed in SCI-E, December 2019

Citations

Total Citations (WOS):6

h-index (WOS):1