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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: F-6994-2019

Yoksis Araştırmacı ID: 299102

Eğitim Bilgileri

Post Doktora, Mississippi State University, College of Veterinary Medicine, Department of Comparative Biomedical Sciences, Amerika Birleşik Devletleri 2021 - 2022

Doktora, Mississippi State University, College of Veterinary Medicine, Department of Basic Sciences, Amerika Birleşik Devletleri 2013 - 2018

Yaptığı Tezler

Doktora, Comparative Genome Analysis of Fish Pathogens in the Flavobacterium Genus, Mississippi State University, College Of Veterinary Medicine, Department Of Basic Sciences, 2018

Araştırma Alanları

Yaşam Bilimleri, Bakteriyoloji, Genomiks

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Recep Tayyip Erdoğan Üniversitesi, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği Bölümü, 2023 - Devam Ediyor

Öğretim Görevlisi Dr., Recep Tayyip Erdoğan Üniversitesi, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği Bölümü, 2019 - 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. Genomic diversity in flavobacterial pathogens of aquatic origin

Kumru S., Tekedar H. C., Blom J., Lawrence M. L., Karsi A.

MICROBIAL PATHOGENESIS, cilt.142, 2020 (SCI-Expanded)

II. Comparative genomics of Aeromonas veronii: Identification of a pathotype impacting aquaculture

globally

Tekedar H. C., Kumru S., Blom J., Perkins A. D., Griffin M. J., Abdelhamed H., Karsi A., Lawrence M. L.
PLOS ONE, cilt.14, sa.8, 2019 (SCI-Expanded)

III. Comparative Genomics of *Aeromonas hydrophila* Secretion Systems and Mutational Analysis of *hcp1* and *vgrG1* Genes From T6SS

Tekedar H. C., Abdelhamed H., Kumru S., Blom J., Karsi A., Lawrence M. L.
FRONTIERS IN MICROBIOLOGY, cilt.9, 2019 (SCI-Expanded)

IV. Comparative Analysis of the *Flavobacterium columnare* Genomovar I and II Genomes

Kumru S., Tekedar H. C., GÜLSOY N., WALDBIESER G. C., Lawrence M. L., Karsi A.
FRONTIERS IN MICROBIOLOGY, cilt.8, 2017 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Diversity of *Lactococcus garvieae* by Genomic Approaches

Kumru S.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, cilt.6, sa.4, ss.506-513, 2021 (Hakemli Dergi)

II. Draft Genome Sequence of Fish Pathogen *Aeromonas bestiarum* GA97-22

Kumru S., Tekedar H. C., Griffin M. J., Waldbieser G. C., Liles M. R., Sonstegard T., Schroeder S. G., Lawrence M. L., Karsi A.
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, cilt.6, sa.24, 2018 (ESCI)

III. Draft Genome Sequences of Three *Aeromonas hydrophila* Isolates from Catfish and Tilapia

Tekedar H. C., Kumru S., Kalindamar S., Karsi A., Waldbieser G. C., Sonstegard T., Schroeder S. G., Liles M. R., Griffin M. J., Lawrence M. L.
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, cilt.5, sa.3, 2017 (ESCI)

IV. Draft Genome Sequences of Four Virulent *Aeromonas hydrophila* Strains from Catfish Aquaculture

Tekedar H. C., Kumru S., Karsi A., WALDBIESER G. C., SONSTEGARD T., SCHROEDER S. G., LILES M. R., Griffin M. J., Lawrence M. L.
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, cilt.4, sa.4, 2016 (ESCI)

V. Draft Genome Sequence of *Aeromonas hydrophila* TN97-08

Tekedar H. C., Kumru S., Karsi A., WALDBIESER G. C., SONSTEGARD T., SCHROEDER S. G., LILES M. R., Griffin M. J., Lawrence M. L.
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, cilt.4, sa.3, 2016 (ESCI)

VI. Genome Sequence of the Fish Pathogen *Flavobacterium columnare* Genomovar II Strain 94-081

Kumru S., Tekedar H. C., WALDBIESER G. C., Karsi A., Lawrence M. L.
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, cilt.4, sa.3, 2016 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Genomik Yaklaşımlarla Su Ürünlerinde Laktokokoz Hastalığı ve Virülans Faktörler

KUMRU S.
22. Ulusal Su Ürünleri Konferansı, Ankara, Türkiye, 16 - 18 Mayıs 2024

II. Determination of *Lactococcus formosensis* Predicted Virulence Factors

KUMRU S.
Selcuk 9th International Conference on Applied Sciences, Konya, Türkiye, 15 - 17 Aralık 2023

III. Exploring fish isolate *Pseudomonas rhodesiae* through Genome Sequencing and Comparative Genomics.

Patel F., KUMRU S., ER A., KAYIŞ Ş., Hanson L., Tekedar H. C.
American Society for Microbiology South Central Branch Meeting, Little Rock, Amerika Birleşik Devletleri, 9 - 11 Kasım 2023

- IV. **Clostridium botulinum occurrence in Kosovo honey samples**
Aliu H., Gecaj R. M., KUMRU S., Balta Z. D., BALTA F.
5th International Conference on Biosystems and Food Engineering, Budapest, Macaristan, 09 Haziran 2023
- V. **Elucidation of virulence-associated proteins encoded by *Flavobacterium covaie*, an important channel catfish pathogen**
Tekedar H. C., KUMRU S., Older C., Ware C., Dharan V., Patel F., Ford L., Pirim H., Waldbieser G. C., Griffin M. J., et al.
Conference of Research Workers in Animal Diseases, Chicago, Amerika Birleşik Devletleri, 22 - 24 Ocak 2023
- VI. **Deletion of two toxin-antitoxin systems and zeta toxin gene for determining their role in *Flavobacterium covaie* infection**
Pipkin M., Dharan V., Patel F., Baquerizo A., KUMRU S., Tekedar H. C., Pirim H., Griffin M. J., Hanson L.
American Society for Microbiology South Central Branch Meeting, Shreveport, Louisiana, Amerika Birleşik Devletleri, 27 - 29 Ekim 2022
- VII. **Evaluation of cysteine and valine-leucine-isoleucine biosynthesis pathway genes and their role in pathogenesis of virulent *Flavobacterium covaie***
Patel F., Dharan V., Pipkin M., Baquerizo A., KUMRU S., Tekedar H. C., Pirim H., Griffin M. J., Hanson L.
American Society for Microbiology South Central Branch Meeting, Shreveport, Louisiana, Amerika Birleşik Devletleri, 27 - 29 Ekim 2022
- VIII. **Mutation of TAD operon genes in virulent *Aeromonas hydrophila* ML09-119 for determining their role in bacterial virulence**
Dharan V., Patel F., Pipkin M., Baquerizo A., KUMRU S., Hanson L., Mannan K. S. B., Abdelhamed H., Lawrence M. L., Tekedar H. C.
American Society for Microbiology South Central Branch Meeting, Shreveport, Louisiana, Amerika Birleşik Devletleri, 27 - 29 Ekim 2022
- IX. **Secretion systems of *Xenorhabdus* bacteria associated with entomopathogenic nematodes: A relative analyses**
Kalindamar S., KUMRU S., Blom J., HAZIR S.
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 27 - 29 Eylül 2019, cilt.43
- X. **Comparative Genomics Reveals the Species-Based Diversity of *Edwardsiella* Genus Members**
Tekedar H. C., Lawrence M. L., KUMRU S., Reichley S. R., Waldbieser G. C., Blom J., Griffin M. J.
8th International Symposium on Aquatic Animal Health, Prince Edward Island, Kanada, 2 - 06 Eylül 2018
- XI. **Comparative Genome Analysis of the *Aeromonas veronii* strain ML09-123**
Tekedar H. C., KUMRU S., Blom J., Abdelhamed H., Karsi A., Lawrence M. L.
ASM (American Society for Microbiology) Microbe 2018, Atlanta, Amerika Birleşik Devletleri, 7 - 11 Haziran 2018
- XII. **Genome Sequence and Comparative Genomics of Fish Pathogen *Aeromonas bestiarum* GA97-22**
KUMRU S., Tekedar H. C., Abdelhamed H., Lawrence M. L., Karsi A.
15th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, 29 - 31 Mart 2018
- XIII. **Characterization of Type VI Secretion System in *Edwardsiella ictaluri***
Kalindamar S., Abdelhamed H., Kordon A. O., Lu J., KUMRU S., Tekedar H. C., Pinchuk L. M., Karsi A.
ASM (American Society for Microbiology) South Central Branch Meeting, 19 - 21 Ekim 2017
- XIV. **Comparative genome analysis of *Aeromonas veronii***
KUMRU S., Tekedar H. C., Abdelhamed H., Lawrence M. L., Karsi A.
ASM (American Society for Microbiology) South Central Branch Meeting, 19 - 21 Ekim 2017
- XV. **Comparative genomics and mutational analysis of *tssD* and *tssI* genes in epidemic *Aeromonas hydrophila* isolate**
KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.
ASM (American Society for Microbiology) Microbe 2017, 1 - 05 Haziran 2017
- XVI. **Complete genome sequence of *Flavobacterium columnare* strain 94-081**
KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.
13th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, 3 - 05 Mart 2016
- XVII. **Genome sequence and comparative analysis of *Flavobacterium columnare* strain 94-081**

KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.

4th International Conference of the Members of the Genus Flavobacterium, 27 - 29 Ekim 2015

Kongre ve Sempozyum Katılımı Faaliyetleri

7th International Congress of the Molecular Biology Association of Turkey, Katılımcı, İstanbul, Türkiye, 2019

15th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, Katılımcı, Mississippi, Amerika Birleşik Devletleri, 2018

ASM (American Society for Microbiology) South Central Branch Meeting, Katılımcı, Arkansas, Amerika Birleşik Devletleri, 2017

13th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, Katılımcı, Tennessee, Amerika Birleşik Devletleri, 2016

4th International Flavobacterium Conference, Katılımcı, Alabama, Amerika Birleşik Devletleri, 2015