

## Dr. Öğr. Üyesi SALİH KUMRU

### 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

- Tad pili contribute to the virulence and biofilm formation of virulent Aeromonas hydrophila**  
Tekedar H. C., Patel F., Blom J., Griffin M. J., Waldbieser G. C., KUMRU S., Abdelhamed H., Dharan V., Hanson L. A., Lawrence M. L.  
Frontiers in Cellular and Infection Microbiology, cilt.14, 2024 (SCI-Expanded)
- Identification of Enterococcus Species Isolated from Commercial Fish Feeds and Infected Fish**

## Specimens

KUMRU S., Balta Z. D., Aliu H., BALTA F.

Journal of the Hellenic Veterinary Medical Society, cilt.75, sa.2, ss.7523-7530, 2024 (SCI-Expanded)

### III. 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)

### IV. 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)

### V. 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)

### VI. 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. Evaluation of Tad Operon in *Aeromonas hydrophila* by Single Cell Transcriptomics

Patel F., Griffin M. J., Hanson L., KUMRU S., EKİZ H. A., Kayacan H., Hanson L., Tekedar H. C.

ASM Microbe 2024, Atlanta, GA, Amerika Birleşik Devletleri, 13 - 17 Haziran 2024

### II. Genomik Yaklaşımlarla Su Ürünlerinde Laktokokoz Hastalığı ve Virülans Faktörler

KUMRU S.

22. Ulusal Su Urunleri Konferansi, Ankara, Türkiye, 16 - 18 Mayıs 2024

- III. **Determination of *Lactococcus formosensis* Predicted Virulence Factors**  
KUMRU S.  
Selcuk 9th International Conference on Applied Sciences, Konya, Türkiye, 15 - 17 Aralık 2023
- IV. **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
- V. ***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
- VI. **Deletion of two toxin-antitoxin systems and zeta toxin gene for determining their role in *Flavobacterium covae* 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 covae***  
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. **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
- IX. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **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