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International Researcher IDs

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Education Information

Post Doctorate, University of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, United States Of America
2011 - 2013

Doctorate, University of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, United States Of America 2004
- 2011

Undergraduate, Bogazici University, Faculty Of Engineering, Elektrik Elektronik Müh., Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, COMPUTATIONAL GENOMIC SIGNATURES AND METAGENOMICS, University Of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, 2011

Research Areas

Technical Sciences, Computer Sciences, bioinformatics, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Computer Learning

Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014 - 2018

Assistant Professor, University of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, 2012 - 2013

Research Assistant PhD, University of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, 2011 - 2012

Lecturer, University of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, 2011 - 2011

Research Assistant, University of Nebraska-Lincoln, College Of Engineering, Electrical Engineering, 2005 - 2010

ADVISING THeses

NALBANTOĞLU Ö. U. , Classification of Genomic Sequences by Latent Semantic Analysis, Postgraduate, S.F.(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Acromegaly is associated with a distinct oral and gut microbiota**
Sahin S., GÜNDOĞDU A., NALBANTOĞLU Ö. U. , KADIOĞLU P., ÖZDAMAR KARACA Z. C. , HACIOĞLU A., URHAN M. E. , ÜNLÜHİZARCI K., DEMİR A. N. , Hora M., et al.
PITUITARY, 2022 (Peer-Reviewed Journal)
- II. **Inflammatory bowel disease biomarkers of human gut microbiota selected via different feature selection methods**
Bakir-Gungor B., Lar H. H. , Jabeer A., NALBANTOĞLU Ö. U. , Aran O., Yousef M.
PEERJ, vol.10, 2022 (Peer-Reviewed Journal)
- III. **A new lightweight convolutional neural network for radiation-induced liver disease classification**
Alici-Karaca D., Akay B., Yay A. H. , Suna P., Nalbantoglu Ö. U. , Karaboğa D., Baştürk A., Balcioğlu E., Baran M.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.73, 2022 (Peer-Reviewed Journal)
- IV. **An efficient real-time colonic polyp detection with YOLO algorithms trained by using negative samples and large datasets**
Pacal I., Karaman A., KARABOĞA D., AKAY B., BAŞTÜRK A., Nalbantoglu U., Coskun S.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.141, 2022 (Peer-Reviewed Journal)
- V. **Stratification of the Gut Microbiota Composition Landscape across the Alzheimer's Disease Continuum in a Turkish Cohort**
YILDIRIM S., NALBANTOĞLU Ö. U. , Bayraktar A., Ercan F. B. , GÜNDOĞDU A., Velioglu H. A. , GÖL M. F. , Soylu A. E. , Koc F., Gulpinar E. A. , et al.
MSYSTEMS, vol.7, no.1, 2022 (Peer-Reviewed Journal)
- VI. **Temporal overexpression of IL-22 and Reg3 gamma differentially impacts the severity of experimental autoimmune encephalomyelitis**
Eken A., Erdem S., Haliloglu Y., Okus F. Z. , Cakir M., Yetkin M. F. , Akcakoyunlu M., Karayigit M. O. , Azizoglu Z. B. , Bicer A., et al.
IMMUNOLOGY, vol.164, no.1, pp.73-89, 2021 (Peer-Reviewed Journal)
- VII. **Gut microbiota in patients with newly diagnosed acromegaly: a pilot cross-sectional study**
HACIOĞLU A., GÜNDOĞDU A., Nalbantoglu U., Karaca Z. C. , URHAN M. E. , Sahin S., Dokmetas H. S. , KADIOĞLU P., Kelestimur F.
PITUITARY, vol.24, no.4, pp.600-610, 2021 (Peer-Reviewed Journal)
- VIII. **Discovering Potential Taxonomic Biomarkers of Type 2 Diabetes From Human Gut Microbiota via Different Feature Selection Methods**
Bakir-Gungor B., Bulut O., Jabeer A., NALBANTOĞLU Ö. U. , Yousef M.
FRONTIERS IN MICROBIOLOGY, vol.12, 2021 (Peer-Reviewed Journal)
- IX. **MicroRNA profiling identifies Forkhead box transcription factor M1 (FOXM1) regulated miR-186 and miR-200b alterations in triple negative breast cancer**
Hamurcu Z., Sener E. F. , Taheri S., Nalbantoglu U., Kokcu N. D. , Tahtasakal R., Cinar V., Guler A., Ozkul Y., Dönmez-Altuntas H., et al.
CELLULAR SIGNALLING, vol.83, 2021 (Peer-Reviewed Journal)
- X. **Taxonomic classification of metagenomic sequences from Relative Abundance Index profiles using deep learning**
KARAGÖZ M. A. , NALBANTOĞLU Ö. U.
Biomedical Signal Processing and Control, vol.67, 2021 (Peer-Reviewed Journal)
- XI. **Arsenic and selenium measurements in nail and hair show important relationships to Alzheimer's disease in the elderly**
KÖSEOĞLU E., KÜTÜK B., NALBANTOĞLU Ö. U. , KÖSEOĞLU R., KENDİRCİ M.

JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.64, 2021 (Peer-Reviewed Journal)

- XII. **Potential associations between alterations in gut microbiome and obesity-related traits after the bariatric surgery**
Özdemir A., Yozgat A., Işgın Atıcı K., Avcı E., Yıldız B. D. , Gündoğdu A., Nalbantoğlu Ö. U. , Turhan T., Büyüktuncer Demirel Z.
Proceedings Of The Nutrition Society, vol.80, pp.29-30, 2021 (Peer-Reviewed Journal)
- XIII. **Information Theoretic Metagenome Assembly Allows the Discovery of Disease Biomarkers in Human Microbiome**
NALBANTOĞLU Ö. U.
ENTROPY, vol.23, no.2, 2021 (Peer-Reviewed Journal)
- XIV. **Novel alterations of CC2D1A as a candidate gene in a Turkish sample of patients with autism spectrum disorder**
ŞENER E. F. , ÖNAL M. G. , Dal F., Nalbantoglu U., ÖZKUL Y., CANATAN H., Oztop D. B.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, 2020 (Peer-Reviewed Journal)
- XV. **A comprehensive review of deep learning in colon cancer**
Pacal I., KARABOĞA D., BAŞTÜRK A., AKAY B., Nalbantoglu U.
COMPUTERS IN BIOLOGY AND MEDICINE, vol.126, 2020 (Peer-Reviewed Journal)
- XVI. **COVID-19 Pandemic: Group Testing**
Nalbantoğlu Ö. U. , Gündoğdu A.
FRONTIERS IN MEDICINE, vol.7, 2020 (Peer-Reviewed Journal)
- XVII. **Group testing performance evaluation for SARS-CoV-2 massive scale screening and testing**
NALBANTOĞLU Ö. U.
BMC MEDICAL RESEARCH METHODOLOGY, vol.20, no.1, 2020 (Peer-Reviewed Journal)
- XVIII. **FOXM1 plays a role in autophagy by transcriptionally regulating Beclin-1 and LC3 genes in human triple-negative breast cancer cells**
Hamurcu Z., Delibaşı N., Nalbantoglu U., Şener E. F. , Nurdinov N., Taşçı B., Taheri S., Özkul Y., Donmez-Altuntas H., Canatan H., et al.
JOURNAL OF MOLECULAR MEDICINE-JMM, vol.97, no.4, pp.491-508, 2019 (Peer-Reviewed Journal)
- XIX. **The first report of mobile colistin resistance gene (mcr-1) carrying Escherichia coli in Turkey**
KUREKCI C., AYDIN M., NALBANTOĞLU Ö. U. , GÜNDOĞDU A.
JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE, vol.16, 2018 (Peer-Reviewed Journal)
- XX. **Human genome-microbiome interaction: metagenomics frontiers for the aetiopathology of autoimmune diseases**
GÜNDOĞDU A., Nalbantoglu U.
MICROBIAL GENOMICS, vol.3, no.4, 2017 (Peer-Reviewed Journal)
- XXI. **Reclassification of Wolbachia persica as Francisella persica comb. nov and emended description of the family Francisellaceae**
LARSON M. A. , Nalbantoglu U., Sayood K., ZENTZ E. B. , CER R. Z. , Iwen P. C. , Francesconi S. C. , BISHOP-LILLY K. A. , MOKASHI V. P. , Sjostedt A., et al.
INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY, vol.66, pp.1200-1205, 2016 (Peer-Reviewed Journal)
- XXII. **Francisella tularensis Subtype A.II Genomic Plasticity in Comparison with Subtype A.I**
LARSON M. A. , Nalbantoglu U., Sayood K., ZENTZ E. B. , BARTLING A. M. , Francesconi S. C. , Fey P. D. , Dempsey M. P. , Hinrichs S. H.
PLOS ONE, vol.10, no.4, 2015 (Peer-Reviewed Journal)
- XXIII. **Metagenomic analysis of the microbial community in kefir grains**
Nalbantoglu U., Cakar A., Dogan H., Abaci N., Ustek D., Sayood K., Can H.
FOOD MICROBIOLOGY, vol.41, pp.42-51, 2014 (Peer-Reviewed Journal)
- XXIV. **RAIphy: Phylogenetic classification of metagenomics samples using iterative refinement of relative abundance index profiles**
Nalbantoglu O. U. , Way S. F. , Hinrichs S. H. , Sayood K.

BMC BIOINFORMATICS, vol.12, 2011 (Peer-Reviewed Journal)

XXV. **Large Direct Repeats Flank Genomic Rearrangements between a New Clinical Isolate of Francisella tularensis subsp tularensis A1 and Schu S4**

Nalbantoglu U., Sayood K., Dempsey M. P. , Iwen P. C. , Francesconi S. C. , Barabote R. D. , Xie G., Brettin T. S. , Hinrichs S. H. , Fey P. D.

PLOS ONE, vol.5, no.2, 2010 (Peer-Reviewed Journal)

XXVI. **Data Compression Concepts and Algorithms and Their Applications to Bioinformatics**

Nalbantoglu O. U. , Russell D. J. , Sayood K.

ENTROPY, vol.12, no.1, pp.34-52, 2010 (Peer-Reviewed Journal)

Articles Published in Other Journals

I. **Humans as a source of colistin resistance: In silico analysis of public metagenomes for the mcr-1 gene in the gut microbiome**

GÜNDOĞDU A., NALBANTOĞLU Ö. U.

Erciyes Tıp Dergisi, vol.38, no.2, pp.59-61, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Mikrobiyota, Probiyotikler ve Akılcı Beslenme**

NALBANTOĞLU Ö. U. , GÜNDOĞDU A.

in: Mikrobiyota, Probiyotikler ve Akılcı Beslenme, Mikrobiyota, Probiyotikler ve Akılcı Beslenme, Editor, Nobel Akademik Yayıncılık, pp.93-190, 2020

II. **Data Compression**

NALBANTOĞLU Ö. U. , Sayood K.

in: Computing Handbook, Third Edition: Computer Science and Software Engineering, Teofilo Gonzales, Jorge Diaz-Herrera, Allen Tucker, Editor, Chapman And Hall/Crc, Boca Raton, pp.48-1, 2014

III. **Dynamic programming**

NALBANTOĞLU Ö. U.

in: Multiple Sequence Alignment Methods, David J. Russell, Editor, Springer, London/Berlin , New York, pp.3-27, 2013

IV. **Computational Genomic Signatures**

NALBANTOĞLU Ö. U. , Sayood K.

Morgan & Claypool Publishers, N/A, 2011

Refereed Congress / Symposium Publications in Proceedings

I. **Atypical pathobiome of prosthetic joint infections revealed by hybrid approaches of shotgun metagenomics**

ULU KILIÇ A., GÜNDOĞDU A., NALBANTOĞLU Ö. U. , KAFADAR İ. H. , GÜNEY A., KILIÇ H., ALP MEŞE E.

29th ECCMID, 13 - 16 April 2019

II. **De novo mutations in lipopolysaccharide biosynthesis pathways reveal the colistin resistance mechanism in Acinetobacter baumannii strains**

ULU KILIÇ A., GÜNDOĞDU A., NALBANTOĞLU Ö. U. , ASLAN E.

29th ECCMID, 13 - 17 April 2019

III. **In silico discovery of antibiotic resistance patterns and artificial intelligence-based decision support systems for rational drug use**

ULU KILIÇ A., GÜNDOĞDU A., NALBANTOĞLU Ö. U.

29TH ECCMID, 13 - 16 April 2019

- IV. **Machine Learning Analysis of Inflammatory Bowel Disease-Associated Metagenomics Dataset**
Haclar H., NALBANTOĞLU Ö. U. , GÜNGÖR B.
2018 3rd International Conference on Computer Science and Engineering (UBMK), 20 - 23 September 2018
- V. **Comparison of Gut Microbiota in Patients of Mild-Cognitive Impairment and Alzheimer's Disease with Age and Sex Matched Normal Controls: A Multicenter Study.**
NALBANTOĞLU Ö. U. , Sezgin B., GÜNDOĞDU A., Koç F., GÖL M. F. , Hanoğlu L., KÖSEOĞLU E., Yıldırım S.
The 7th annual International Human Microbiome Consortium Meeting (IHMC2018), Killarney, Ireland, 26 - 28 June 2018, pp.165
- VI. **Gündoğdu A., Kilic H., Ulu Kilic A. , Gündoğan K., Aslan E. , Ufuk N., "Limited sensitivity and enrichment bias of culture-based pathogen detection in intensive care unit environment revealed by metagenomic sequence", ESCMID Madrid, Spain 21-24 April 2018, Madrid, SPAIN, 21-24 April 2018, vol.28th, no.28th, pp.116-116 (Link)**
GÜNDOĞDU A., ULU KILIÇ A., KILIÇ H., NALBANTOĞLU Ö. U.
.28th ESCMID 2018, Madrid, Spain, 21 - 24 April 2018
- VII. **Potential microbial biomarkers of lung cancer**
GÜNDOĞDU A., ÖNAL Ö., DEMİR Ö. F. , ÖNAL M. G. , NALBANTOĞLU Ö. U.
28th European Congress of Clinical Microbiology and Infectious Diseases, 21 - 24 April 2018
- VIII. **Potential microbial biomarkers of lung cancer .**
GÜNDOĞDU A., ÖNAL Ö., DEMİR Ö. F. , ÖNAL M. G. , NALBANTOĞLU Ö. U.
28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain, 21 - 24 April 2018
- IX. **Persistence of Microbial Communities in the Hospital Environment**
Aslan-Gürpınar E., NALBANTOĞLU Ö. U. , KILIÇ H., ULU KILIÇ A., GÜNDOĞAN K., GÜNDOĞDU A.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.44
- X. **Towards Microbiome-Based Liquid Biopsy: Oral Microbiota Harbors Highly Accurate Biomarkers of Lung Cancer**
GÜNDOĞDU A., NALBANTOĞLU Ö. U. , ÖNAL Ö., Önal M. G.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.60-61
- XI. **Gut Microbiota Dysbiosis in Substance Use Disorders and Its Partial Recovery by Detoxification Treatment is Revealed by 16S rRNA Gene Deep Sequencing**
Kargin M., Celebi E., NALBANTOĞLU Ö. U. , GÜNDOĞDU A.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.83
- XII. **Should Bacterial Etiologies Be Considered in Aseptic Loosening?**
GÜNDOĞDU A., NALBANTOĞLU Ö. U. , ULU KILIÇ A., KAFADAR I. H. , GÜNEY A., KILIÇ H.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.71
- XIII. **Accurate Classification and Biomarker Discovery in Disease Microbiome Using a Novel De Novo Bioinformatics Approach**
NALBANTOĞLU Ö. U. , Yalçın K., GÜNDOĞDU A.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.63
- XIV. **Microbiome Network Analysis Reveals Highly Symbiotic Interaction of Core Metabolic Pathways**
Taylan B., GÜNDOĞDU A., NALBANTOĞLU Ö. U.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.95
- XV. **General Compositional Trends in Human Gut Microbiome: Diverse Phylogenetic Profiles Converge in Function According to Latent Structure Analysis**
Elgun U. G. , GÜNDOĞDU A., NALBANTOĞLU Ö. U.
2nd International Human Microbiota: In health and diseases congress, Antalya, Turkey, 18 - 22 April 2018, pp.62
- XVI. **Whole-genome sequencing reveals recently acquired virulence islands in Ralstonia mannitolilytica isolated from high-risk patients**
NALBANTOĞLU Ö. U. , KILIÇ H., ULU KILIÇ A., Hora M., GÜNDOĞDU A.
28th European Congress of Clinical Microbiology and Infectious Diseases 28th European Congress of Clinical

- Microbiology and Infectious Diseases, Madrid, Spain, 21 April 2018, pp.1765
- XVII. **Comparison of antimicrobial resistance-gene diversity in gut microbiome of healthy individuals from Turkey, Europe, America and China**
GÜNDOĞDU A., Yalçın K., ULU KILIÇ A., Saka S., NALBANTOĞLU Ö. U.
28th European Congress of Clinical Microbiology and Infectious Diseases 8th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain, 21 April 2018, pp.1512
- XVIII. **Mobil Kolistin Direncinin Türkiye Rezistom Ekosistemindeki İlk Sinyalleri: Besin Kaynaklı E. coli Suşlarında mcr-1 Geninin Tespiti**
KUREKCI C., AYDIN M., NALBANTOĞLU Ö. U. , GÜNDOĞDU A.
13. Antimikrobik Kemoterapi Günleri, İstanbul, Turkey, 6 - 08 April 2018, pp.88
- XIX. **Oral mikrobiyomdan potansiyel karaciğer kanseri biyobelirteçlerinin Keşfi**
Yalçın K., GÜNDOĞDU A., NALBANTOĞLU Ö. U.
3. Yaşam Bilimleri Kongresi, Kayseri, Turkey, 24 - 25 February 2018, pp.1
- XX. **Parkinson Hastalığında Bağırsak Mikrobiyomu Değişikliklerinin in silico incelenmesi**
Hora M., Yalçın K., Saka S., NALBANTOĞLU Ö. U. , GÜNDOĞDU A.
3. Yaşam Bilimleri Kongresi, Kayseri, Turkey, 23 - 24 February 2018, pp.1
- XXI. **Nanogözenek DNA dizilemede kullanılan baz çağırma yazılımlarının performans analizi**
Saka S., Hora M., Yalçın K., GÜNDOĞDU A., NALBANTOĞLU Ö. U.
3. Yaşam Bilimleri Kongresi, Kayseri, Turkey, 23 - 24 February 2018, pp.1
- XXII. **METAGENOMİK ANALİZLER ÜZERİDEN SAĞLIKLI İNSAN BAĞIRSAGINDAKİ REZİSTOM ÇESİTLİLİĞİNİN ORTAYA ÇIKARILMASI**
GÜNDOĞDU A., NALBANTOĞLU Ö. U. , Yalçın K.
4. Ulusal Klinik Mikrobiyoloji Kongresi, Antalya, Turkey, 8 - 12 November 2017, pp.208-209
- XXIII. **Metagenomik Analizler Üzerinden Sağlıklı İnsan Bağırsağındaki Rezistom Çeşitliliğinin Ortaya Çıkarılması**
GÜNDOĞDU A., NALBANTOĞLU Ö. U. , YALÇIN K.
4. Ulusal Klinik Mikrobiyoloji Kongresi, Turkey, 8 - 12 November 2017
- XXIV. **Kültür Bağımlı ve Kültür Bağımsız Yöntemler ile Yoğun Bakım Ünitesi Çevresel Flora Analizi**
GÜNDOĞDU A., KILIÇ H., ULU KILIÇ A., Aslan E., NALBANTOĞLU Ö. U.
4. Ulusal Klinik Mikrobiyoloji Kongresi, Turkey, 8 - 12 November 2017
- XXV. **Kültür Bağımlı ve Kültür Bağımsız Yöntemler İle Yoğun Bakım Ünitesi Çevresel Flora Analizi**
GÜNDOĞDU A., KILIÇ H., ULU KILIÇ A., Gürpınar E. A. , NALBANTOĞLU Ö. U.
4. Ulusal Klinik Mikrobiyoloji Kongresi, Antalya, Turkey, 8 - 12 November 2017
- XXVI. **A phylogeny-free microbiome dysbiosis detection pipeline for non-invasive disease diagnosis**
NALBANTOĞLU Ö. U. , Onuk A. E.
IEEE International Conference on Electro Information Technology (eit2017), 14 May 2016 - 17 May 2017
- XXVII. **Hyperthermia and Plasma Membrane Ca ATPase: Isthere any effect of HT on PMCA?**
CANER A., NALBANTOĞLU Ö. U.
1. Uluslararası Kanser ve İyon Kanalları Kongresi (IONCC2017), 21 - 23 September 2017
- XXVIII. **A NEW COLISTIN RESISTANCE GENE HOMOLOGOUS FOUND IN WASTEWATER METAGENOME**
GÜNDOĞDU A., Önal M. G. , ULU KILIÇ A., NALBANTOĞLU Ö. U.
The 7th Congress of European Microbiologists (FEMS 2017), Valensiya, Spain, 9 - 13 July 2017, pp.1998
- XXIX. **Human Protozoan Parasite Diversity In Waste and Treated Water: An Environmental Metagenomics Analysis**
GÜNDOĞDU A., CHARYEVA A., KILIÇ H., NALBANTOĞLU Ö. U.
7th Congress of European Microbiologists (FEMS2017), 9 - 13 July 2017
- XXX. **HUMAN PROTOZOAN PARASITE DIVERSITY IN WASTE AND TREATED WATER: AN ENVIRONMENTAL METAGENOMICS ANALYSIS**
GÜNDOĞDU A., Charyyeva A., KILIÇ H., NALBANTOĞLU Ö. U.
The 7th Congress of European Microbiologists (FEMS 2017), 9 - 13 July 2017
- XXXI. **Inferring pathogen transmission networks in Intensive Care Units**

NALBANTOĞLU Ö. U.

IEEE International Conference on Electro Information Technology (eit2017), 14 January - 17 May 2017

- XXXII. **A high resistome diversity in a metropolitan hospital wastewater in Turkey revealed using shotgun metagenomic**
GÜNDOĞDU A., NALBANTOĞLU Ö. U. , KILIÇ H.
27th European Congress of Clinical Microbiology and Infectious Diseases, 22 - 25 April 2017
- XXXIII. **Rapid pathogen detection in ambiguous infections using real-time nanopore sequencing technology**
GÜNDOĞDU A., KILIÇ H., ULU KILIÇ A., NALBANTOĞLU Ö. U.
27th European Congress of Clinical Microbiology and Infectious Diseases, 22 - 25 April 2017
- XXXIV. **Rapid pathogen detection in ambiguous infections using real-time nanopore sequencing technology**
GÜNDOĞDU A., KILIÇ H., ULU KILIÇ A., NALBANTOĞLU Ö. U.
27th European Congress of Clinical Microbiology and Infectious Diseases, 22 - 25 April 2017
- XXXV. **A high resistome diversity in a metropolitan hospital wastewater in Turkey revealed using shotgun metagenomics**
GÜNDOĞDU A., NALBANTOĞLU Ö. U. , KILIÇ H.
27th European Congress of Clinical Microbiology and Infectious Diseases, 22 - 25 April 2017
- XXXVI. **Strain level pathogen detection in metagenomic samples using posterior profile corrections**
NALBANTOĞLU Ö. U. , GÜNDOĞDU A.
The 6th annual International Human Microbiome Consortium Congress, Houston, United States Of America, 8 - 11 November 2016, pp.41
- XXXVII. **Rare Members of the Microbiome as Contributors to Dysbiosis**
NALBANTOĞLU Ö. U.
THE 6TH INTERNATIONAL HUMAN MICROBIOME CONSORTIUM CONGRESS, 8 - 11 November 2016
- XXXVIII. **Plasmids with a potential of pandrug resistance coding found in human gut microbiome**
GÜNDOĞDU A., NALBANTOĞLU Ö. U.
The 6th annual International Human Microbiome Consortium Congress, Houston, United States Of America, 8 - 11 November 2016, pp.36
- XXXIX. **Human as a source of colistin resistance: presence of the mcr-1 gene in the gut microbiome**
GÜNDOĞDU A., NALBANTOĞLU Ö. U.
26th European Congress of Clinical Microbiology and Infectious Diseases, Amsterdam, Netherlands, 9 - 12 April 2016
- XL. **Characterization of Protein Sequences Using Latent Semantic Analysis**
NALBANTOĞLU Ö. U. , Sayood K., Garrity G.
9th International Symposium on Health Informatics and Bioinformatics HIBIT 2015, 16 - 17 October 2015
- XLI. **Compression of Next Generation Sequencing Data**
NALBANTOĞLU Ö. U. , Riffle A., Sayood K.
2015 Data Compression Conference, Snowbird, UT, USA, 7 - 09 April 2015
- XLII. **Compression of Quality Factors in Next Generation Sequencing**
NALBANTOĞLU Ö. U. , Sayood K.
2014 Data Compression Conference, Snowbird, UT, USA, 26 - 28 March 2014

Supported Projects

NALBANTOĞLU Ö. U. , Other Supported Projects, Systems Biological Modeling of Pathogen-Host Interactome-Immune, 2017 - Continues

NALBANTOĞLU Ö. U. , TUBITAK Project, Parkinson Demansinin Erken Teşhisinde Kullanılabilecek İnvaziv Olmayan, Yenilikçi Ve Kombinatoriyal Biyobelirteçler, 2016 - Continues

GÜNDOĞDU A., KÜREKÇİ C., KILIÇ H., NALBANTOĞLU Ö. U. , Project Supported by Higher Education Institutions, Hastane ve kentsel atık/arıtılmış su metagenomunda de nova mikrobiyal çeşitlilik rezistom virülom ve mobilom analizlerinin yapılması, 2016 - Continues

Nalbantođlu Ö. U. , ÖNAL M. G. , TUBITAK Project, New Problem Definitions in Microbiome Analysis and Investigating Artificial Intelligence Solutions Addressing Them, 2020 - 2023

NALBANTOĐLU Ö. U. , TAYLAN B., Project Supported by Higher Education Institutions, MİKROBİYOMU OLUŐTURAN TAKSONOMİK ÜNİTELERİN AĐ ANALİZİ İLE İNCELENMESİ, 2017 - 2018

NALBANTOĐLU Ö. U. , Other Supported Projects, ATD: Algorithms for the analysis of microbiomes, 2011 - 2014

NALBANTOĐLU Ö. U. , Other Supported Projects, Identification of Biological Materials of Unknown Origin, 2006 - 2012

Metrics

Publication: 77

Citation (WoS): 222

Citation (Scopus): 121

H-Index (WoS): 8

H-Index (Scopus): 6

Awards

Gündođdu A., Ulu Kılıç A., Kılıç H., Nalbantođlu Ö. U. , poster bildri BİRİNCİLİK ÖDÜLÜ, 7. Türkiye Ekmud Bilimsel Platformu "Uluslararası Kongre", April 2019