

## Asst. Prof. Kemal ŞANLI

### Personal Information

**Email:** kemal.sanli@istanbul.edu.tr

**Web:** <https://avesis.istanbul.edu.tr/70009>

### International Researcher IDs

ORCID: 0000-0001-7617-6537

Publons / Web Of Science ResearcherID: ABC-1517-2020

Yoksis Researcher ID: 344867

### Education Information

Doctorate, Göteborgs Universitet (Göteborg University), Department of Biological and Environmental Sciences, Sweden 2011 - 2016

Postgraduate, Chalmers Tekniska Högskola (Chalmers University of Technology), Department of Mathematical Sciences, Bioinformatics and Systems Biology, Sweden 2009 - 2011

Undergraduate, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, Turkey 2004 - 2009

### Research Areas

Bioinformatics, Biodiversity, Biological Information, Biological Modelling, Biological Databases, Microbial Diversity, Genomics, Molecular Biology of Cancer, Microbial Genetics

### Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2021 - Continues  
Researcher, Kungl. Tekniska Högskolan (Royal Institute of Technology), School of Engineering Sciences in Chemistry, Biotechnology and Health, Systems medicine, 2016 - 2017

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Metabarcoding of colonic cleansing fluid reveals unique bacterial members of mucosal microbiota associated with Inflammatory Bowel Disease**  
Banzragch M., ŞANLI K., Stensvold C. R., KURT Ö., ARI Ş.  
SCANDINAVIAN JOURNAL OF GASTROENTEROLOGY, 2023 (SCI-Expanded)
- II. **Triclosan changes community composition and selects for specific bacterial taxa in marine periphyton biofilms in low nanomolar concentrations**  
Martin E. K., Kemal S., Henrik N. R., Alexander E., Natalia C., Henrik J. C., Thomas B., Hans B., Erik K.  
ECOTOXICOLOGY, vol.29, no.7, pp.1083-1094, 2020 (SCI-Expanded)
- III. **Transcriptome profiling of the interconnection of pathways involved in malignant transformation and response to hypoxia.**  
Danielsson F., Fasterius E., Sullivan D., Hases L., Sanli K., Zhang C., Mardinoglu A., Al-Khalili C., Huss M., Uhlén M., et al.  
Oncotarget, vol.9, pp.19730-19744, 2018 (SCI-Expanded)

- IV. **A pathology atlas of the human cancer transcriptome**  
Uhlen M., Zhang C., Lee S., Sjostedt E., Fagerberg L., Bidkhori G., Benfeitas R., Arif M., Liu Z., Edfors F., et al.  
SCIENCE, vol.357, no.6352, pp.660-671, 2017 (SCI-Expanded)
- V. **Strategies to improve usability and preserve accuracy in biological sequence databases**  
Bengtsson-Palme J., Boulund F., Edstrom R., Feizi A., Johnning A., Jonsson V. A., Karlsson F. H., Pal C., Pereira M. B., Rehammar A., et al.  
PROTEOMICS, vol.16, no.18, pp.2454-2460, 2016 (SCI-Expanded)
- VI. **Metagenomic sequencing of marine periphyton: taxonomic and functional insights into biofilm communities**  
Sanli K., Bengtsson-Palme J., Nilsson R. H., Kristiansson E., Rosenblad M. A., Blanck H., Eriksson K. M.  
FRONTIERS IN MICROBIOLOGY, vol.6, 2015 (SCI-Expanded)
- VII. **Long-term effects of the antibacterial agent triclosan on marine periphyton communities**  
Eriksson K. M., Johansson C. H., Fihlman V., Grehn A., Sanli K., Andersson M. X., Blanck H., Arrhenius A., Sircar T., Backhaus T.  
ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY, vol.34, no.9, pp.2067-2077, 2015 (SCI-Expanded)
- VIII. **Improved software detection and extraction of ITS1 and ITS2 from ribosomal ITS sequences of fungi and other eukaryotes for analysis of environmental sequencing data**  
Bengtsson-Palme J., Ryberg M., Hartmann M., Branco S., Wang Z., Godhe A., De Wit P., Sanchez-Garcia M., Ebersberger I., de Sousa F., et al.  
METHODS IN ECOLOGY AND EVOLUTION, vol.4, no.10, pp.914-919, 2013 (SCI-Expanded)
- IX. **FANTOM: Functional and taxonomic analysis of metagenomes**  
Sanli K., Karlsson F. H., Nookaew I., Nielsen J.  
BMC BIOINFORMATICS, vol.14, 2013 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Tiroid Kanseri Hücrelerinde N-bağlı Glikoproteinlerin Glikomik Analizi Yeni Potansiyel Terapötik ve Tanısal Hedefleri İşaret Eder**  
Bektaş S., Pekmez M., Şanlı K., Sancar S., Arda Piriñçi B. P., Arda E. Ş. N., Hanışch F. G., Kaptan E.  
11. ULUSAL MOLEKÜLER BİYOLOJİ VE BİYOTEKNOLOJİ KONGRESİ, İstanbul, Turkey, 7 - 09 October 2022, pp.67
- II. **Pathway-Centric Analysis of the TCGA - NSCLC Transcriptome Data Pertaining to Deceased Patients**  
Sanli K., Nalbantoglu S., Evman S., Baysungur V., Karadag A.  
1st International Conference on Cancer Care Informatics (CCI), Amman, Jordan, 19 - 21 November 2018, pp.60-71

## Metrics

Publication: 11

Citation (WoS): 1619

Citation (Scopus): 1645

H-Index (WoS): 6

H-Index (Scopus): 6