

## Prof. MURAT SAYAN

### Personal Information

Office Phone: [+90 533 647 9020](tel:+905336479020) Extension: 5336479020

Fax Phone: [+90 533 647 9020](tel:+905336479020)

Email: [murat.sayan@kocaeli.edu.tr](mailto:murat.sayan@kocaeli.edu.tr)

Other Email: [sayanmurat@hotmail.com](mailto:sayanmurat@hotmail.com)

Web: <https://avesis.kocaeli.edu.tr/murat.sayan>

### Education Information

Doctorate, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji (Dr), Turkey 1992 - 1997

### Dissertations

Doctorate, Aşılı Bireylerde Serkonversiyonu İzlemek Amacıyla Influenza Virus Aşısı Kullanılarak ELISA Yönteminin Geliştirilmesi, Dokuz Eylül Üniversitesi, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji (Dr), 1997

### Research Areas

Medicine, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Virology

### Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, 2005 - Continues

### Academic and Administrative Experience

Yakin Dogu Üniversitesi, Rektörlük, Bap, 2016 - Continues

Yakin Dogu Üniversitesi, Rektörlük, Deneysel Sağlık Araştırma Merkezi, 2015 - Continues

### Advising Theses

SAYAN M., KALENDER GÖNÜLLÜ B., YOĞUN BAKIM HASTALARINDA AKUT BÖBREK HASARI ERKEN TANIDA VE TERAPÖTİK HEDEFLERDE mikrorna 21 VE mikrorna 127 EKSPRESYON PROFİLLERİNİN İLİŞKİLENDİRİLMESİ, Expertise In Medicine, S.İŞİK(Student), 2017

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

1. Detection of SARS-CoV-2 N501Y mutation among SARS-CoV-2 variants of concern circulating in Northern Cyprus

Tuncel G., Ergoren M. C. , Baddal B., Tulay P., Ozverel C. S. , Guler E., Suer H. K. , Sayan M., Sanlidag T.

FUTURE VIROLOGY, vol.17, pp.523-528, 2022 (Journal Indexed in SCI)

- II. **Analysis of ACE2 and TMPRSS2 coding variants as a risk factor for SARS-CoV-2 from 946 whole-exome sequencing data in the Turkish population**  
DUMAN N., Tuncel G., BİŞGİN A., TUĞ BOZDOĞAN S., ÖZEMRİ SAĞ Ş., Gul S., Kiraz A., Balta B., Erdogan M., Uyanik B., et al.  
JOURNAL OF MEDICAL VIROLOGY, 2022 (Journal Indexed in SCI)
- III. **Characteristics of hepatitis C virus resistance in an international cohort after a decade of direct-acting antivirals**  
Howe A. Y. M. , Rodrigo C., Cunningham E. B. , Douglas M. W. , Dietz J., Grebely J., Popping S., Sfalcin J. A. , Parczewski M., Sarrazin C., et al.  
JHEP REPORTS, vol.4, no.5, 2022 (Journal Indexed in SCI)
- IV. **CCR5-?32 gene variant frequency in the Nigerian and Zimbabwean populations living in North Cyprus**  
Ndikom B. C. , Ergoren M. C. , Sayan M., Mocan G., FAHRİOĞLU U.  
AFRICAN HEALTH SCIENCES, vol.22, no.1, pp.361-366, 2022 (Journal Indexed in SCI)
- V. **Variant analysis of SARS-CoV-2 strains with phylogenetic analysis and the Coronavirus Antiviral and Resistance Database**  
SAYAN M., Arikan A., Isbilen M.  
JOURNAL OF COMPARATIVE EFFECTIVENESS RESEARCH, vol.11, pp.157-167, 2022 (Journal Indexed in SCI)
- VI. **The pediatric asymptomatic SARS-CoV-2 IgG seropositivity in the Turkish Republic of Northern Cyprus**  
Gazi U., Sarioglu A. A. , Ruh E., Sanlidag B., DALKAN C., Beyitler I., Suer K., Cakir N., Sayan M., Sanlidag T.  
TURKISH JOURNAL OF PEDIATRICS, vol.64, no.1, pp.179-185, 2022 (Journal Indexed in SCI)
- VII. **The European Prevalence of Resistance Associated Substitutions among Direct Acting Antiviral Failures**  
Popping S., Cento V., Seguin-Devaux C., Boucher C. A. B. , de Salazar A., Heger E., Mor O., SAYAN M., Salmon-Ceron D., Weis N., et al.  
VIRUSES-BASEL, vol.14, no.1, 2022 (Journal Indexed in SCI)
- VIII. **Variable Proportions of Phylogenetic Clustering and Low Levels of Antiviral Drug Resistance among the Major HBV Sub-Genotypes in the Middle East and North Africa**  
Athamneh R. Y. , Arikan A., Sayan M., Mahafzah A., Sallam M.  
PATHOGENS, vol.10, no.10, 2021 (Journal Indexed in SCI)
- IX. **Genetic characterisation of antibiotic resistance transposons Tn6608 and Tn6609 isolated from clinical Pseudomonas strains in Cyprus**  
Rajabal V., Taner F., Sanlidag T., Suer K., Guler E., Sayan M., Petrovski S.  
JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE, vol.26, pp.330-334, 2021 (Journal Indexed in SCI)
- X. **A novel method for conserved sequence extraction with prospective mutation prediction for SARS-CoV-2 PCR primer design**  
Portakal S. H. , Kanat B., SAYAN M., Berber B., Doluca O.  
JOURNAL OF VIROLOGICAL METHODS, vol.293, 2021 (Journal Indexed in SCI)
- XI. **Comparative Evaluation of the Treatment of COVID-19 with Multicriteria Decision-Making Techniques**  
Yildirim F. S. , SAYAN M., Sanlidag T., Uzun B., Ozsahin D. U. , Ozsahin I.  
JOURNAL OF HEALTHCARE ENGINEERING, vol.2021, 2021 (Journal Indexed in SCI)
- XII. **A Binomial Model Approach: Comparing the R-0 Values of SARS-CoV-2 rRT-PCR Data from Laboratories across Northern Cyprus**  
Sultanoglu N., Gokbulut N., Sanlidag T., Hincal E., Kaymakamzade B., Sayan M.  
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.128, no.2, pp.717-729, 2021 (Journal Indexed in SCI)
- XIII. **NeuMoDx random access molecular diagnostic system for detection and quantification of hepatitis B virus in clinical samples**

- Arikan A., SAYAN M., Doluca O.  
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.14, no.10, pp.1197-1203, 2020 (Journal Indexed in SCI)
- XIV. **Investigation of compatibility of severe acute respiratory syndrome coronavirus 2 reverse transcriptase-PCR kits containing different gene targets during coronavirus disease 2019 pandemic**  
Sarigul F., Doluca O., AKHAN S., SAYAN M.  
FUTURE VIROLOGY, vol.15, no.8, pp.515-524, 2020 (Journal Indexed in SCI)
- XV. **Capacity Evaluation of Diagnostic Tests For COVID-19 Using Multicriteria Decision-Making Techniques**  
SAYAN M., Sarigul Yildirim F., Sanlidag T., Uzun B., Uzun Ozsahin D., Ozsahin I.  
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2020, 2020 (Journal Indexed in SCI)
- XVI. **NS5A resistance - associated substitutions in chronic hepatitis C patients with direct acting antiviral treatment failure in Turkey**  
SAYAN M., Yildirim F. S. , AKHAN S., YILDIRIM A. A. , ŞİRİN G., Cabalak M., DEMİR M., Can S., ERSÖZ G., ALTINTAŞ E., et al.  
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, vol.95, pp.84-89, 2020 (Journal Indexed in SCI)
- XVII. **Molecular Identification of HIV-1 in the Presence of Hepatitis B Virus and Hepatitis C Virus Co-infections**  
SAYAN M., Ozguler M., Yildirim F. S. , Yildirmak T., Gunduz A., Dokuzoguz B., ÇELEN M. K. , İNAN D., HEPER Y., ERSÖZ G., et al.  
BALKAN MEDICAL JOURNAL, vol.37, no.3, pp.125-130, 2020 (Journal Indexed in SCI)
- XVIII. **A chronic hepatitis B patient infected with HBsAg diagnostic-escape strain in the presence of anti-HBs positivity**  
Aydemir S., Yildirmak M. T. , SAYAN M., Atak S., Kucuk M.  
REVISTA ROMANA DE MEDICINA DE LABORATOR, vol.27, no.4, pp.421-426, 2019 (Journal Indexed in SCI)
- XIX. **Postmortem Molecular Epidemiology of HIV-1 Strains Isolated in Turkey**  
Ziyade N., SAYAN M., Elgormus N., Buyuk Y.  
MIKROBIYOLOJİ BULTENİ, vol.53, no.4, pp.374-387, 2019 (Journal Indexed in SCI)
- XX. **CURRENT STATUS OF HIV/AIDS-SYPHILIS CO-INFECTIONS: A RETROSPECTIVE MULTICENTRE STUDY**  
Sargul F., SAYAN M., İNAN D., DEVECİ A., Ceran N., ÇELEN M. K. , Çagatay A., Ozdemir H. O. , KUŞCU F., Karagoz G., et al.  
CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH, vol.27, no.3, pp.223-228, 2019 (Journal Indexed in SCI)
- XXI. **HBV pol/S Gene Mutations in Chronic Hepatitis B Patients Receiving Nucleoside/Nucleotide Analogues Treatment**  
KIRDAR S., YAŞA M. H. , SAYAN M., AYDIN N.  
MIKROBIYOLOJİ BULTENİ, vol.53, no.2, pp.144-155, 2019 (Journal Indexed in SCI)
- XXII. **Earlier Initiation of Antiretroviral Treatment Coincides With an Initial Control of the HIV-1 Subtype F1 Outbreak Among Men-Having-Sex-With-Men in Flanders, Belgium**  
Vinken L., Fransen K., Cuypers L., Alexiev I., Balotta C., Debaisieux L., Seguin-Devaux C., Ribas S. G. , Gomes P., Incardona F., et al.  
FRONTIERS IN MICROBIOLOGY, vol.10, 2019 (Journal Indexed in SCI)
- XXIII. **Evaluation of Direct Acting Antivirals Efficiency in Turkish Patients with Chronic Hepatitis C Under Strict Rules**  
Sarigul F., SAYAN M., User U., Oztoprak N.  
HEPATITIS MONTHLY, vol.19, no.3, 2019 (Journal Indexed in SCI)
- XXIV. **Molecular Epidemiology of Hepatitis B Virus in Turkish Cypriot**  
Sumer U., SAYAN M.  
POLISH JOURNAL OF MICROBIOLOGY, vol.68, no.4, pp.449-456, 2019 (Journal Indexed in SCI)
- XXV. **OVERLAPPING POL/S GENE ANALYSIS IN CHRONIC HEPATITIS B PATIENTS WITH COEXISTING HBSAG AND ANTI-HBs**  
Suntur B. M. , SAYAN M., Kaya H., Unal N.  
ACTA MEDICA MEDITERRANEA, vol.35, no.6, pp.3113-3119, 2019 (Journal Indexed in SCI)

- XXVI. **Evaluation of the pol/S Gene Overlapping Mutations in Chronic Hepatitis B Patients in Northern Cyprus**  
Arikan A., SAYAN M., Sanlidag T., Suer K., AKÇALI S., Guvenir M.  
POLISH JOURNAL OF MICROBIOLOGY, vol.68, no.3, pp.317-322, 2019 (Journal Indexed in SCI)
- XXVII. **Comparison of Performance Characteristics of DxN VERIS System versus Qiagen PCR for HBV Genotype D and HCV Genotype 1b Quantification**  
SAYAN M., Arikan A., Sanlidag T.  
POLISH JOURNAL OF MICROBIOLOGY, vol.68, no.1, pp.139-143, 2019 (Journal Indexed in SCI)
- XXVIII. **Investigation of antiviral resistance and escape mutations in children with naive chronic hepatitis B patients and their parents**  
Tokgoz Y., Terlemez S., SAYAN M., KIRDAR S.  
TURKISH JOURNAL OF PEDIATRICS, vol.60, no.5, pp.514-519, 2018 (Journal Indexed in SCI)
- XXIX. **Could resistant and escape variants of hepatitis B virus be a problem in the future?**  
Ozguler M., SAYAN M.  
FUTURE VIROLOGY, vol.13, no.3, pp.171-179, 2018 (Journal Indexed in SCI)
- XXX. **Molecular Characterization of Drug Resistance in Hepatitis B Viruses Isolated from Patients with Chronical Infection in Turkey**  
Asan A., SAYAN M., AKHAN S., Koruk S. T., AYGEN B., SIRMATEL F., Eraksoy H., Tuna N., Kose S., Kaya A., et al.  
HEPATITIS MONTHLY, vol.18, no.1, 2018 (Journal Indexed in SCI)
- XXXI. **Noninvasive Models to Predict Liver Fibrosis in Patients with Chronic Hepatitis B: A Study from Turkey**  
Korkmaz P., DEMİRTÜRK N., Batirel A., Yardimci A. C., Cagir U., Nemli S. A., Korkmaz F., AKÇAM F. Z., BARUT H. Ş., Bayrak B., et al.  
HEPATITIS MONTHLY, vol.17, no.12, 2017 (Journal Indexed in SCI)
- XXXII. **Determination of Drug Resistance Mutations of NS3 Inhibitors in Chronic Hepatitis C Patients Infected with Genotype 1**  
ŞANLIDAĞ T., Sayan M., AKÇALI S., KASAP E., BURAN T., Arikan A.  
MIKROBIOLOJİ BULTENİ, vol.51, no.2, pp.145-155, 2017 (Journal Indexed in SCI)
- XXXIII. **Atypical Serological Profiles in Hepatitis B Infections: Investigation of S Gene Mutations in Cases with Concurrently Positive for HBsAg and Anti-HBs**  
AYDIN N., KIRDAR S., Uzun N., EYİĞÖR M., SAYAN M.  
MIKROBIOLOJİ BULTENİ, vol.50, no.4, pp.535-543, 2016 (Journal Indexed in SCI)
- XXXIV. **Epidemiological and molecular characteristics of meticillin-resistant Staphylococcus aureus in Turkey: A multicentre study**  
DÜNDAR D., Willke A., SAYAN M., Koc M. M., Akan O. A., Sumerkan B., Saltoglu N., YAMAN A., Ayaz C., Koksali I.  
JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE, vol.6, pp.44-49, 2016 (Journal Indexed in SCI)
- XXXV. **Protease Inhibitors Drug Resistance Mutations in Turkish Patients with Chronic Hepatitis C**  
Altunok E. S., SAYAN M., AKHAN S., AYGEN B., YILDIZ O., Koruk S. T., Mistik R., DEMİRTÜRK N., URAL O., Kose S., et al.  
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, vol.50, pp.1-5, 2016 (Journal Indexed in SCI)
- XXXVI. **Clinical outcomes in children with herpes simplex encephalitis receiving steroid therapy.**  
Maraş G., Uyur Y., Sayan M., Bayhan A., Öncel S., Arisoy E. S., Kara B.  
Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology, vol.80, pp.87-92, 2016 (Journal Indexed in SCI)
- XXXVII. **Detection of human papillomavirus in esophageal and gastroesophageal junction tumors: A retrospective study by real-time polymerase chain reaction in an institutional experience from Turkey and review of literature**  
Turkay D. O., VURAL Ç., SAYAN M., Gurbuz Y.  
PATHOLOGY RESEARCH AND PRACTICE, vol.212, no.2, pp.77-82, 2016 (Journal Indexed in SCI)
- XXXVIII. **HIV-1 Transmitted Drug Resistance Mutations in Newly Diagnosed Antiretroviral-Naive Patients in Turkey**

- SAYAN M., Sargin F., İNAN D., Sevgi D. Y. , Celikbas A. K. , Yasar K., Kaptan F., SAYIN KUTLU S., Fisgin N. T. , Inci A., et al.  
AIDS RESEARCH AND HUMAN RETROVIRUSES, vol.32, no.1, pp.26-31, 2016 (Journal Indexed in SCI)
- XXXIX. **Molecular Epidemiology of Hepatitis B Virus in Northern Cyprus**  
Arikan A., ŞANLIDAĞ T., Suer K., Sayan M., AKÇALI S., Guler E.  
MIKROBIYOLOJİ BULTENİ, vol.50, no.1, pp.86-93, 2016 (Journal Indexed in SCI)
- XL. **Retreatment of Chronic Hepatitis C Infection with Telaprevir: Preliminary Results in Turkey**  
AYGEN B., YILDIZ O., AKHAN S., ÇELEN M. K. , URAL O., Koruk S. T. , Kose S., Korkmaz F., KURUÜZÜM Z., Tuna N., et al.  
BALKAN MEDICAL JOURNAL, vol.32, no.3, pp.266-272, 2015 (Journal Indexed in SCI)
- XLI. **SEROPREVALENCE AND RISK FACTORS OF SYPHILIS AMONG HIV/AIDS PATIENTS IN ISTANBUL, TURKEY**  
Aydin O. A. , Karaosmanoglu H. K. , SAYAN M., Ince E. R. , Nazlican O.  
CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH, vol.23, no.1, pp.65-68, 2015 (Journal Indexed in SCI)
- XLII. **A case of entecavir resistance which is developed after complete viral suppression during entecavir treatment for nucleoside-naive chronic hepatitis B**  
Dogan U. B. , Ozturk A. B. , Akin M. S. , Yalaki S., SAYAN M.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.25, pp.206-209, 2014 (Journal Indexed in SCI)
- XLIII. **Molecular epidemiology of HIV-1 strains in Antalya, Turkey**  
İNAN D., SAYAN M.  
JOURNAL OF THE INTERNATIONAL AIDS SOCIETY, vol.17, pp.126, 2014 (Journal Indexed in SCI)
- XLIV. **Transmitted antiretroviral drug resistance mutations in newly diagnosed HIV-1 positive patients in Turkey**  
SAYAN M., Sargyn F., İNAN D., Sevgi D. Y. , Celikbas A. K. , Yasar K., Kaptan F., SAYIN KUTLU S., Fysgyn N. T. , Inci A., et al.  
JOURNAL OF THE INTERNATIONAL AIDS SOCIETY, vol.17, pp.158-159, 2014 (Journal Indexed in SCI)
- XLV. **Hepatitis B Virus Genotype E Infection in Turkey: The Detection of the First Case**  
SAYAN M., ŞANLIDAĞ T., AKÇALI S., Arikan A.  
MIKROBIYOLOJİ BULTENİ, vol.48, no.4, pp.683-688, 2014 (Journal Indexed in SCI)
- XLVI. **Single Nucleotide Polymorphism Analysis of the rpoB Gene Region for Genotyping of Brucella melitensis Strains Isolated from Field in Turkey**  
SAYAN M., ERDENLİĞ GÜRBİLEK S.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.20, no.3, pp.411-415, 2014 (Journal Indexed in SCI)
- XLVII. **Molecular Characterization of Complex Recombinant HIV-1 CRF06\_cpx Subtype Detected in Turkey**  
SAYAN M., Kaptan F., Ormen B., Turker N.  
MIKROBIYOLOJİ BULTENİ, vol.48, no.1, pp.160-167, 2014 (Journal Indexed in SCI)
- XLVIII. **HBV Vaccine Escape Mutations in a Chronic Hepatitis B Patient Treated with Nucleos(t)ide Analogues**  
SAYAN M., Bugdaci M. S.  
MIKROBIYOLOJİ BULTENİ, vol.47, no.3, pp.544-549, 2013 (Journal Indexed in SCI)
- XLIX. **First Case of Hepatitis B Virus Genotype H Infection in Turkey**  
URAL O., SAYAN M., AKHAN S., SÜMER Ş., Simsek F.  
MIKROBIYOLOJİ BULTENİ, vol.47, no.3, pp.550-555, 2013 (Journal Indexed in SCI)
- L. **APOBEC3 Hypermutations in HIV-1 Infected Cases in Turkey**  
SAYAN M., Simsek F., Ceran N., Dokuzocuz B., Eraksoy H.  
MIKROBIYOLOJİ BULTENİ, vol.47, no.3, pp.482-492, 2013 (Journal Indexed in SCI)
- LI. **Investigation of adipogenic effects of human adenovirus serotypes 36 and 5 in a Colo-320 cell line**  
ŞANLIDAĞ T., AKÇALI S., Vatansever S., ÇİÇEK C., SAYAN M., Cakmakliogullari E. K. , Sen P. T.  
FUTURE VIROLOGY, vol.8, no.6, pp.617-622, 2013 (Journal Indexed in SCI)
- LII. **The First Detected HIV-1 Recombinant Strain in Turkey: CRF08\_BC**  
SAYAN M., KAYA S.

- MIKROBIYOLOJİ BULTENİ, vol.47, no.2, pp.339-345, 2013 (Journal Indexed in SCI)
- LIII. **Molecular Epidemiological Analysis of HIV-1 pol Gene Sequences Isolated in Istanbul, Turkey**  
SAYAN M., Kumbasar Karaosmanoglu H., Mete B., Gunduz A., Aydin O., Yemisen M., Uzun N., Tabak F.  
MIKROBIYOLOJİ BULTENİ, vol.47, no.1, pp.87-97, 2013 (Journal Indexed in SCI)
- LIV. **Genotype/subgenotype distribution of hepatitis B virus among hemodialysis patients with chronic hepatitis B**  
SAYAN M., Dogan C.  
ANNALS OF HEPATOLOGY, vol.11, no.6, pp.849-854, 2012 (Journal Indexed in SCI)
- LV. **Naturally Occurring Polymerase and Surface Gene Variants of Hepatitis B Virus in Turkish Hemodialysis Patients with Chronic Hepatitis B**  
SAYAN M., ÇAVDAR C., Dogan C.  
JAPANESE JOURNAL OF INFECTIOUS DISEASES, vol.65, no.6, pp.495-501, 2012 (Journal Indexed in SCI)
- LVI. **Molecular Typing of Adenoviruses Isolated from Clinical Specimens by PCR and DNA Sequencing Methods**  
ÇİÇEK C., ŞANLIDAĞ T., AKÇALI S., SAYAN M., YALAZ M., METİN D. Y.  
MIKROBIYOLOJİ BULTENİ, vol.46, no.4, pp.607-613, 2012 (Journal Indexed in SCI)
- LVII. **Early Detection of Methicillin Resistance by Real-Time PCR in Staphylococci Isolated from Blood Cultures**  
Willke A., SAYAN M., Meric M., MUTLU B.  
MIKROBIYOLOJİ BULTENİ, vol.46, no.4, pp.671-675, 2012 (Journal Indexed in SCI)
- LVIII. **Epidemiological survey of rifampicin resistance in clinic isolates of Brucella melitensis obtained from all regions of Turkey**  
SAYAN M., Kilic S., UYANIK M. H.  
JOURNAL OF INFECTION AND CHEMOTHERAPY, vol.18, no.1, pp.41-46, 2012 (Journal Indexed in SCI)
- LIX. **Hepatitis B Virus Genotype G Infection in a Turkish Patient Undergoing Hemodialysis Therapy**  
SAYAN M., Dogan C.  
HEPATITIS MONTHLY, vol.12, no.2, pp.118-121, 2012 (Journal Indexed in SCI)
- LX. **A Serological Diagnostic Survey for Brucella canis Infection in Turkish Patients with Brucellosis-Like Symptoms**  
SAYAN M., Erdenlig S., Stack J., Kilic S., Güdücüoğlu H., Aksoy Y., Baklan A., Etiler N.  
JAPANESE JOURNAL OF INFECTIOUS DISEASES, vol.64, no.6, pp.516-519, 2011 (Journal Indexed in SCI)
- LXI. **Frequency and Mutation Patterns of Resistance in Patients with Chronic Hepatitis B Infection Treated with Nucleos(t)ide Analogs in Add-On and Switch Strategies**  
SAYAN M., AKHAN S., Senturk O.  
HEPATITIS MONTHLY, vol.11, no.10, pp.835-842, 2011 (Journal Indexed in SCI)
- LXII. **Investigation of Brucella canis Seropositivity by In-House Slide Agglutination Test Antigen in Healthy Blood Donors**  
SAYAN M., Erdenlig S., Etiler N.  
MIKROBIYOLOJİ BULTENİ, vol.45, no.4, pp.655-663, 2011 (Journal Indexed in SCI)
- LXIII. **New approach to managing occult hepatitis B infection**  
Sayan M.  
HEPATITIS MONTHLY, vol.11, no.4, pp.299-300, 2011 (Journal Indexed in SCI)
- LXIV. **The sustained virologic response of nonresponder hepatitis C virus patients with retreatment**  
AKHAN S., Gurel E., Sayan M.  
INDIAN JOURNAL OF PATHOLOGY AND MICROBIOLOGY, vol.54, no.1, pp.81-84, 2011 (Journal Indexed in SCI)
- LXV. **Macrolide and Tetracycline Resistance and emm Type Distribution of Streptococcus pyogenes Isolates Recovered from Turkish Patients**  
DÜNDAR D., SAYAN M., TAMER G. S.  
MICROBIAL DRUG RESISTANCE, vol.16, no.4, pp.279-284, 2010 (Journal Indexed in SCI)
- LXVI. **Molecular Diagnosis of Entecavir Resistance**  
Sayan M.

- HEPATITIS MONTHLY, vol.10, no.1, pp.42-47, 2010 (Journal Indexed in SCI)
- LXVII. **Genotype A2/adw2 Strain of Hepatitis B Virus in Turkey: A Case Report**  
SAYAN M., AKHAN S., Bozdayi M.  
HEPATITIS MONTHLY, vol.10, no.4, pp.302-305, 2010 (Journal Indexed in SCI)
- LXVIII. **Monitoring of hepatitis B virus surface antigen escape mutations and concomitantly nucleos(t)ide analog resistance mutations in Turkish patients with chronic hepatitis B**  
SAYAN M., Senturk O., AKHAN S., HÜLAGÜ S., Cekmen M. B.  
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, vol.14, 2010 (Journal Indexed in SCI)
- LXIX. **Tularaemia outbreaks in Sakarya, Turkey: case-control and environmental studies**  
MERIC M., SAYAN M., DÜNDAR D., WILLKE A.  
SINGAPORE MEDICAL JOURNAL, vol.51, no.8, pp.655-659, 2010 (Journal Indexed in SCI)
- LXX. **Routine Using Pattern and Performance of Diagnostic Tests for Tuberculosis on a University Hospital**  
DÜNDAR D., SAYAN M., ARSLAN Z., TAMER G. S., DUNDAR V.  
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.339, no.3, pp.244-248, 2010 (Journal Indexed in SCI)
- LXXI. **Multidrug-Resistant Hepatitis B Virus Strain in a Chronic Turkish Patient**  
SAYAN M., HÜLAGÜ S., Karatayli S. C.  
HEPATITIS MONTHLY, vol.10, no.2, pp.141-146, 2010 (Journal Indexed in SCI)
- LXXII. **Brucella melitensis Biovar 2 Can Not Be Detected By Serological Method in Turkey: Letter to the Editor**  
Sayan M.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.29, no.5, pp.1351-1352, 2009 (Journal Indexed in SCI)
- LXXIII. **ENTECAVIR RESISTANCE IN ENTECAVIR NAIVE LAMIVUDINE TREATED CHRONIC HEPATITIS B PATIENTS**  
SAYAN M., HÜLAGÜ S., Akhan S. C., Senturk O., Meric M., Cekmen M.  
MIKROBIYOLOJİ BULTENİ, vol.43, no.3, pp.425-432, 2009 (Journal Indexed in SCI)
- LXXIV. **Genotyping of Brucella melitensis by rpoB Gene Analysis and Re-Evaluation of Conventional Serotyping Method**  
SAYAN M., YUMUK Z., Bilenoglu O., Erdenlig S., Willke A.  
JAPANESE JOURNAL OF INFECTIOUS DISEASES, vol.62, no.2, pp.160-163, 2009 (Journal Indexed in SCI)
- LXXV. **ELIMINATION OF PCR INHIBITORS IN ROUTINE DIAGNOSTIC REAL-TIME PCR ASSAY AND RESULTS OF INTERNAL AMPLIFICATION CONTROL**  
SAYAN M., MERIC M., CELEBI S., WILLKE A.  
MIKROBIYOLOJİ BULTENİ, vol.43, no.1, pp.179-181, 2009 (Journal Indexed in SCI)
- LXXVI. **An outbreak of oropharyngeal tularaemia linked to natural spring water**  
WILKE A., MERIC M., GRUNOW R., SAYAN M., FINKE E. J., SPLETTSTOESSER W., SEIBOLD E., ERDOGAN S., ERGONUL O., YUMUK Z., et al.  
JOURNAL OF MEDICAL MICROBIOLOGY, vol.58, no.1, pp.112-116, 2009 (Journal Indexed in SCI)
- LXXVII. **ANALYSIS OF THE RESULTS OF NEQAS INTERNATIONAL EXTERNAL QUALITY ASSESSMENT PROGRAMME FOR HEPATITIS B AND C VIRUS NUCLEIC ACID TESTS**  
SAYAN M., WILLKE A., MERIC M., ETILER N.  
MIKROBIYOLOJİ BULTENİ, vol.43, no.1, pp.103-114, 2009 (Journal Indexed in SCI)
- LXXVIII. **Rifampicin resistance phenotyping of Brucella melitensis by rpoB gene analysis in clinical isolates**  
SAYAN M., YUMUK Z., DÜNDAR D., Bilenoglu O., Erdenlig S., Yasar E., Willke A.  
JOURNAL OF CHEMOTHERAPY, vol.20, no.4, pp.431-435, 2008 (Journal Indexed in SCI)
- LXXIX. **Phenotypic and molecular characterization of luminous bacteria isolated from Izmir Gulf in Turkey: Vibrio harveyi TEM O5 and TEM S1 strains**  
ERSOY ÖMEROĞLU E., KARABOZ I., SUKATAR A., UZEL A., SAYAN M., ŞANLIDAĞ T.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, no.5, pp.506-510, 2008 (Journal Indexed in SCI)
- LXXX. **A small water-borne tularaemia outbreak**  
MERIC M., SAYAN M., WILLKE A., GEDIKOĞLU S.

- MIKROBIYOLOJİ BULTENİ, vol.42, no.1, pp.49-59, 2008 (Journal Indexed in SCI)
- LXXXI. **Evaluation of clinical, laboratory, and therapeutic features of 145 tularemia cases: the role of quinolones in oropharyngeal tularemia**  
Meric M., Willke A., Finke E., Grunow R., SAYAN M., Erdogan S., Gedikoglu S.  
APMIS, vol.116, no.1, pp.66-73, 2008 (Journal Indexed in SCI)
- LXXXII. **Disseminated lupus vulgaris presenting with different atypical lesions.**  
Bayramguerler D., Sayan M., Aktuerk A., Bilen N., Aslan N., Turan D.  
The Journal of dermatology, vol.34, no.12, pp.849-51, 2007 (Journal Indexed in SCI)
- LXXXIII. **Can HBsAg levels guide to differentiate inactive HBsAg carriers from HBeAg negative chronic B hepatitis?**  
Sayan M., Mutlu B., Erdogan S., Meric M., Viillye A.  
MIKROBIYOLOJİ BULTENİ, vol.41, no.1, pp.87-93, 2007 (Journal Indexed in SCI)
- LXXXIV. **Rapid diagnosis of Mycobacterium tuberculosis peritonitis with real-time PCR in a peritoneal dialysis patient**  
Dervisoglu E., Sayan M., Sengul E., Yilmaz A.  
APMIS, vol.114, no.9, pp.656-658, 2006 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Evaluation of HCV-Core Antigen in Diagnosis of Chronic Hepatitis C Patients under Direct-Acting Antiviral Treatment**  
TOYGAR DENİZ M., AKHAN S., SAYAN M., Tamer G. S. , AZAK KARALI E.  
VIRAL HEPATIT DERGİSİ-VIRAL HEPATİTİS JOURNAL, vol.28, no.1, pp.25-31, 2022 (Journal Indexed in ESCI)
- II. **Analysis of HIV Infection in Cyprus Using a Mathematical Model**  
Sultanoglu N., Saad F., Sanlidag T., Hincal E., Sayan M., Kaymakamzade B., Suer K.  
ERCIYES MEDICAL JOURNAL, vol.44, no.1, pp.63-67, 2022 (Journal Indexed in ESCI)
- III. **Comparison of RT-qPCR results of different gene targets for SARS-CoV-2 in asymptomatic individuals during COVID-19 pandemic**  
Tuncel G., Ergoren M. C. , Baddal B., Tulay P., Arikan A., Guler E., Ozverel C. S. , Suer H. K. , Sayan M., Sanlidag T.  
EUROBIOTECH JOURNAL, vol.5, pp.26-31, 2021 (Journal Indexed in ESCI)
- IV. **Possible Re-infection with SARS-CoV-2 in a Splenectomized Patient from Kocaeli, Turkey**  
TOYGAR DENİZ M., AKHAN S., ESGİN M. B. , SAYAN M., ARGUN BARIŞ S.  
MEDITERRANEAN JOURNAL OF INFECTION MICROBES AND ANTIMICROBIALS, vol.10, 2021 (Journal Indexed in ESCI)
- V. **Treatment Experience in Patients with COVID-19: Preliminary Results from Kocaeli Turkey**  
AKHAN S., MUTLU B., AZAK KARALI E., BAŞYİĞİT İ., BOYACI H., ARGUN BARIŞ S., TOYGAR DENİZ M., Doğan S., KARADENİZLİ A., SAYAN M., et al.  
Kocaeli Medical Journal, vol.10, 2021 (Refereed Journals of Other Institutions)
- VI. **Examination of Mutations in the HBsAg and Polymerase Genes Induced by Pegylated Interferon Alpha and Oral Antivirals Used in the Treatment of Chronic Hepatitis B**  
Sargın E., AKHAN S., SAYAN M.  
Viral Hepatit Dergisi, vol.26, no.3, pp.141-150, 2020 (Journal Indexed in ESCI)
- VII. **HBV Flare Under Tenofovir Treatment in Chronic Hepatitis B**  
Deniz M., SAYAN M., AKHAN S.  
Viral Hepatit Dergisi, vol.26, no.3, pp.171-173, 2020 (Refereed Journals of Other Institutions)
- VIII. **Outbreak of hepatitis C virus infection in hemodialysis unit**  
Tatar B., KÖSE Ş., SAYAN M.  
The Turkish Journal of Academic Gastroenterology, no.18, pp.91-94, 2020 (Refereed Journals of Other Institutions)
- IX. **A pilot study on the preventative potential of alpha-cyclodextrin and hydroxytyrosol against SARS-**



## CoV-2 transmission

ERGÖREN M. Ç. , Paolacci S, Manara E., Dautaj A., Dhuli K., Anpilogov K., Camilleri G., SÜER H. K. , SAYAN M., Tuncel G., et al.

Acta BioMedica, vol.91, 2020 (Refereed Journals of Other Institutions)

- X. **Comparison of Qiagen and Iontek Hepatitis B Virus-DNA Polymerase Chain Reaction Quantitation Kits in Chronic Hepatitis B Patients Infected with Hepatitis B Virus Genotype D**  
Arikan A., SAYAN M.  
VIRAL HEPATIT DERGISI-VIRAL HEPATITIS JOURNAL, vol.26, no.1, pp.9-13, 2020 (Journal Indexed in ESCI)
- XI. **Çoklu Damganlama Koşullarında Tıbbi Bir Durum Olarak HIV ile Yaşamak: Türkiye’de HIV ile Yaşayan Bireylerin Sağlık Hizmetleri Sırasındaki Deneyimleri.**  
ŞENGÜL M., SAYAN M., Hancıoğlu F., Gökçe E.  
Toplum ve Hekim, vol.35, no.1, pp.65-80, 2020 (Refereed Journals of Other Institutions)
- XII. **Molecular Characterization of Hepatitis B Virus Strains Isolated from Chronic Hepatitis B Patients in Southeastern Region of Turkey**  
Aydin M., Tekin S., SAYAN M., AKHAN S.  
VIRAL HEPATIT DERGISI-VIRAL HEPATITIS JOURNAL, vol.25, no.2, pp.40-44, 2019 (Journal Indexed in ESCI)
- XIII. **Awareness of Hepatitis B Virus Reactivation Among Physicians Administering Immunosuppressive Treatment and Related Clinical Practices**  
KORKMAZ P., Demirturk N., Aydin G., Ceken S., AYGEN B., TOKA O., Gundogdu K., Kocagul-Celikbas A., İNAN D., KURUÜZÜM Z., et al.  
KLİMİK JOURNAL, vol.32, no.2, pp.146-153, 2019 (Journal Indexed in ESCI)
- XIV. **Does Anti-HIV Positivity in Pregnancy Suggest the Requirement of HIV Prophylaxis for Newborn?**  
Sayan M., Inci A., Sanli K.  
KLİMİK JOURNAL, vol.31, no.3, pp.210-213, 2018 (Journal Indexed in ESCI)
- XV. **Brucella canis Coinfections in Patients With Brucellosis**  
Sarigul F., ERDENLİĞ GÜRBİLEK S., Sayan M., Tekin S., Güdücüoğlu H., KESKİN O.  
KLİMİK JOURNAL, vol.31, no.3, pp.214-217, 2018 (Journal Indexed in ESCI)
- XVI. **Does Pegylated-Interferon Still Have High Efficacy Treatment Properties Against Chronic Hepatitis B?**  
Sarigul Yildirim F., User U., SAYAN M., Oztoprak N.  
VIRAL HEPATIT DERGISI-VIRAL HEPATITIS JOURNAL, vol.24, no.3, pp.90-95, 2018 (Journal Indexed in ESCI)
- XVII. **Prevalence of Brucellosis in the Turkish Republic of North Cyprus**  
Ozdodac M., Guvenir M., Guler E., Aykac A., SAYAN M., Anlidags T., Suer K.  
MEDITERRANEAN JOURNAL OF INFECTION MICROBES AND ANTIMICROBIALS, vol.7, 2018 (Journal Indexed in ESCI)
- XVIII. **Relapse with NS5A Cross - Resistant HCV Variant after Cure Treatment with Ledipasvir/Sofosbuvir in a Turkish Patient with Chronic Hepatitis C: A Case Report**  
sarigül f., SAYAN M., üser ü., öztoprak n.  
Clinical and Medical Case Reports, vol.1, no.1, pp.102, 2017 (Refereed Journals of Other Institutions)
- XIX. **Enfeksiyöz Mononükleozu Taklit Eden Bir Akut Myeloid Lösemi Olgusu**  
Altunok Sargin E., Aynioğlu A., AKHAN S., willke a., SAYAN M.  
Kocatepe Tıp Dergisi, vol.17, pp.118-122, 2016 (Other Refereed National Journals)
- XX. **Growing Threat Vaccine Escape Mutant Hepatitis B Viruses**  
Özgüler M., SAYAN M.  
ARC Journals of Immunology and Vaccines, vol.1, no.1, pp.9-17, 2016 (Refereed Journals of Other Institutions)
- XXI. **Cross Resistance to HCV NS3 Inhibitor Developing During Treatment With Peginterferon, Ribavirin and Telaprevir**  
Tuncer-Ertem G., Sayan M., Hekimoglu S., Tulek N.  
KLİMİK JOURNAL, vol.28, no.2, pp.92-94, 2015 (Journal Indexed in ESCI)
- XXII. **Nükleozid Analogu İle Gelişen Aşı Kaçağı Mutasyonu Bir Olgu Sunumu**  
Özgüler M., SAYAN M.

Fırat Üniversitesi Sağlık Bilimleri Tıp Dergisi, vol.29, no.2, pp.87-90, 2015 (Other Refereed National Journals)

- XXIII. **Molecular epidemiology of HIV 1 strains in the south east and east of Turkey**  
ÇELEN M. K. , SAYAN M., DAL T., AYAZ C., Tekin A., ÖZEKİNCİ T., Suda Tekin K., Barçın T., TEKİN R., Dal M. S. , et al.  
Asian Pacific Journal of Tropical Biomedicine, vol.5, no.9, pp.773-777, 2015 (Refereed Journals of Other Institutions)
- XXIV. **Kronik Hepatit B Virusü İnfeksiyonunun Yönetimi Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Derneği Viral Hepatit Çalışma Grubu Uzlaşma Raporu**  
AKHAN S., aynur a., ÇAĞATAY A. A. , GÖNEN İ., teoman K., GÜNAL Ö., SAYAN M., tunca B., tülek n., üçkardeş h., et al.  
Klinik Dergisi, vol.27, no.1, pp.2-18, 2014 (Other Refereed National Journals)
- XXV. **Kronik Hepatit C Virusü İnfeksiyonunun Yönetimi Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Derneği Viral Hepatit Çalışma Grubu Uzlaşma Raporu**  
AYGEN B., AKALIN E. H. , ERAKSOY Ö. H. , SAYAN M., ŞENER A.  
Klinik Dergisi, vol.27, no.1, pp.19-39, 2014 (Other Refereed National Journals)
- XXVI. **Detection of Helicobacter pylori in adenoid tissue by real time polymerase chain reaction**  
KAYMAKÇI M., Yazıcı S., Sağır O., OE G., SAYAN M.  
Kulak Burun Bogaz İhtis Derg, vol.24, no.2, pp.78-82, 2014 (Other Refereed National Journals)
- XXVII. **Mikrobiyoloji Literatüründeki Bazı Terimlerin Türkçe Karşılıkları**  
SAYAN M.  
Klinik Dergisi, vol.27, no.2, pp.82, 2014 (Other Refereed National Journals)
- XXVIII. **İzole Kardiyak Kist Hidatik Olgu sunumu**  
AKHAN S., Aynur A., Sargın E., SAYAN M., Kanko M., SÖNMEZ TAMER Z. G.  
Klinik Dergisi, vol.26, no.2, pp.81-82, 2013 (Other Refereed National Journals)
- XXIX. **Gebelikte Kronik Hepatit B Yönetimi Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Derneği Viral Hepatit Çalışma Grubu Uzlaşma Raporu**  
AYAZ C., ÇELEN M. K. , KURUÜZÜM Z., SAYAN M., URAL O.  
Klinik Dergisi, vol.26, pp.12-19, 2013 (Other Refereed National Journals)
- XXX. **Kronik Hepatit C de Beş Yıllık Tedavi Sonuçlarının Değerlendirilmesi**  
AKHAN S., AYNIOĞLU A., ALTUNOK E., SAYAN M.  
KLİMİK Dergisi, 2010 (National Non-Refereed Journal)
- XXXI. **Kronik Hepatit C Hastalarının Beş Yıllık Tedavi Sonuçlarının Değerlendirilmesi**  
AKHAN S., Erdem G., SAYAN M.  
Klinik Dergisi, vol.23, no.2, pp.39-43, 2010 (Other Refereed National Journals)
- XXXII. **Kronik hepatit B de beş yıllık tedavi sonuçlarının değerlendirilmesi**  
AKHAN S., ERDEM G., SAYAN M.  
KLİMİK Dergisi, 2009 (National Non-Refereed Journal)
- XXXIII. **Santral sinir sistemi Herpesvirus infeksiyonlarının tanısı için bir multiplex polimeraz zincir reaksiyonu denemesi**  
TAŞLI H., SAYAN M.  
İnfeksiyon Dergisi, vol.23, no.1, pp.9-12, 2009 (Other Refereed National Journals)
- XXXIV. **Kronik Hepatit B Hastalarının Beş Yıllık Tedavi Sonuçlarının Değerlendirilmesi**  
AKHAN S., Erdem G., SAYAN M.  
Klinik Dergisi, vol.22, no.3, pp.82-87, 2009 (Other Refereed National Journals)
- XXXV. **Sağlıklı kan bağışçılarında nükleik asit amplifikasyon teknolojisi yöntemi ile hepatit B virus DNA sının araştırılması**  
Karakadioğlu S., MUTLU B., SAYAN M.  
İnfeksiyon Dergisi, vol.3, pp.131-134, 2008 (Other Refereed National Journals)
- XXXVI. **Kronik hepatit C hastalarında hepatit C virus RNA seviyesinin otoantikör üzerine etkisi**  
YUMUK Z., SAYAN M., çalışkan ş.  
İnfeksiyon Dergisi, vol.22, no.1, pp.29-34, 2008 (Other Refereed National Journals)
- XXXVII. **Eritema multiforme lezyonlarında reatime PCR yöntemi ile HSV 1 ve HSV 2 genomlarının saptanması Olgu sunumu**

- Tuba D., SAYAN M., BİLEN N., ŞİKAR AKTÜRK A., ODYAKMAZ DEMİR SOY E.  
Dermatose, vol.6, no.4, pp.215-217, 2008 (Other Refereed National Journals)
- XXXVIII. **Eritema multiforme lezyonlarında real time PCR yöntemi ile saptanan HSV tip1 ve tip2 genomu birlikteliği**  
tuba d., SAYAN M., BİLEN N., ŞİKAR AKTÜRK A., ODYAKMAZ DEMİR SOY E.  
dermatose, 2007 (Other Refereed National Journals)
- XXXIX. **Mikropartikül Enzim Immunoassay ile Düşük Titrede Saptanan Anti HCV Pozitifliği Hepatit C Virus Enfeksiyonunun Tanısında Kullanılabilir Mi**  
SAYAN M., MERİÇ KOÇ M., MUTLU B., suna ç., sunai w.  
Mikrobiyoloji Bülteni, vol.40, pp.81-84, 2006 (Other Refereed National Journals)
- XL. **Anti HCV Pozitif Hemodiyaliz Hastaları ve Renal Transplant Alıcılarında Restriction Fragment Length Polymorphism RFLP ile HCV Genotiplendirmesi**  
çoşkun y., SAYAN M., safiye h., dilek k., MISTIK R.  
Viral Hepatit Dergisi, vol.10, no.1, pp.28-33, 2005 (Other Refereed National Journals)
- XLI. **İnfluenza Virus Aşısı İle Aşılanmış Bireylerde ELISA İle Serokonversiyonun Gösterilmesi**  
SAYAN M., genç S., yüce a., UÇAN E. S. , yuluğ n.  
İnfeksiyon Dergisi, vol.19, no.1, pp.25-29, 2005 (Other Refereed National Journals)
- XLII. **Tümör Nekrozis Faktör Alfa Tek Başına Multpl Sklerozda Relapsın Habercisi Değildir**  
İDİMAN E., bahar h., İŞ Ş., Acar G., SAYAN M.  
Türk Nöroloji Dergisi, vol.10, no.1, pp.26-30, 2004 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Comparison of Forecasting Models in the HIV Epidemiology Using Machine Learning Methods**  
YAKUT Ö., SAYAN M., BOLAT E.  
in: Applied Machine Learning and Multi-criteria Decision-making in Healthcare, Ozsahin Ilker, Ozsahin Uzun Dilber, Editor, Bentham Books, pp.98-123, 2021
- II. **HIV ve Kavramsal Yaklaşımlar**  
SAYAN M.  
Bilimsel Tıp Yayınevi, 2019
- III. **HIV/AIDS Tanı, Tedavi ve İzlem El Kitabı II (Kasım 2019).**  
SAYAN M., ALTUĞLU İ., SİLİ U., Devrim İ., MİDİLLİ K., SERTÖZ Ş. R.  
Türk HIV / AIDS Platformu, 2019
- IV. **Yeni Bir Dünyaya Uyanmak: HIV/AIDS**  
SAYAN M.  
Yakın Doğu Üniversitesi Yayınları, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **GENOTYPE MISCLASSIFICATION AND ITS IMPACT ON TREATMENT CHOICES, OUTCOMES AND DRUG RESISTANCE**  
SAYAN M.  
Canadian Liver Meeting, Montreal, Canada, 27 February - 01 March 2020, vol.3, pp.85-86
- II. **GENOTYPE MISCLASSIFICATION AND ITS IMPACT ON TREATMENT CHOICES, OUTCOMES AND DRUG RESISTANCE**  
SAYAN M.  
Canadian Liver Meeting, 27 February - 01 March 2020, vol.3, pp.85-86
- III. **GENOTYPE MISCLASSIFICATION AND ITS IMPACT ON TREATMENT CHOICES, OUTCOMES AND DRUG RESISTANCE**

SAYAN M.

Canadian Liver Meeting, Montreal, Canada, 27 February - 01 March 2020, vol.3, pp.85-86

- IV. **GENOTYPE MISCLASSIFICATION AND ITS IMPACT ON TREATMENT CHOICES, OUTCOMES AND DRUG RESISTANCE**  
SAYAN M.  
Canadian Liver Meeting, 27 February - 01 March 2020, vol.3, pp.85-86
- V. **Evaluating the efficacy of adult hiv post exposure prophylaxis regimens in relation to transmission risk factors by multi criteria decision method**  
SAYAN M., Sanlidag T., Sultanoglu N., Uzun B., Yildirim F. S. , Ozsahin D. U.  
10th International Conference on Theory and Applications of Soft Computing, Computing with Words and Perceptions, ICSCCW 2019, Prague, Czech Republic, 27 - 28 August 2019, pp.167-174
- VI. **Efficacy evaluation of antiretroviral drug combinations for hiv-1 treatment by using the fuzzy promethee**  
SAYAN M., Ozsahin D. U. , Sanlidag T., Sultanoglu N., Yildirim F. S. , Uzun B.  
10th International Conference on Theory and Applications of Soft Computing, Computing with Words and Perceptions, ICSCCW 2019, Prague, Czech Republic, 27 - 28 August 2019, pp.183-189
- VII. **THE GLOBAL PREVALENCE OF RESISTANCE ASSOCIATED SUBSTITUTIONS (RASS) IN "UNUSUAL" HCV SUBTYPES**  
Popping S., Fourati S., Howe A., Di Maio V. C. , Tay E., Rodrigo C., Cunningham E., Kjellin M., Sfalcin J., Gomes P., et al.  
Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, Massachusetts, United States Of America, 8 - 12 November 2019, vol.70
- VIII. **GENOTYPE MISCLASSIFICATION NEGATIVELY IMPACT THE CHOICE OF REGIMENS AND TREATMENT OUTCOMES IN THE MANAGEMENT OF HEPATITIS C**  
Howe A., De Salazar A., Aragri M., Popping S., Fourati S., Tay E., Rodrigo C., Cunningham E., Kjellin M., Fernando Fay F., et al.  
Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, Massachusetts, United States Of America, 8 - 12 November 2019, vol.70
- IX. **HCV RESISTANCE PATTERNS IN A WORLDWIDE NETWORK OF COHORTS OF GT-3a INFECTED PATIENTS**  
Fourati S., Silberstein F. C. , Howe A., De Salazar A., Popping S., Di Maio V. C. , Tay E., Rodrigo C., Cunningham E., Kjellin M., et al.  
Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, Massachusetts, United States Of America, 8 - 12 November 2019, vol.70
- X. **The Use of Fuzzy PROMETHEE Technique in Antiretroviral Combination Decision in Pediatric HIV Treatments**  
UZUN B., Yildirim F. S. , SAYAN M., ŞANLIDAĞ T., Özşahin D. U.  
2019 Advances in Science and Engineering Technology International Conferences (ASET), Dubai, United Arab Emirates, 26 March - 10 April 2019
- XI. **Selection of the Most Appropriate Antiretroviral Medication in Determined Aged Groups ( $\geq 3$  years) of HIV-1 Infected Children**  
SULTANOĞLU N., UZUN B., Yildirim F. S. , SAYAN M., ŞANLIDAĞ T., Özşahin D. U.  
2019 Advances in Science and Engineering Technology International Conferences (ASET), Dubai, United Arab Emirates, 26 March - 10 April 2019
- XII. **Determination of Post-Exposure Prophylaxis Regimen in the Prevention of Potential Pediatric HIV-1 Infection by the Multi-criteria Decision Making Theory**  
SAYAN M., SULTANOĞLU N., UZUN B., Yildirim F. S. , ŞANLIDAĞ T., Özşahin D. U.  
2019 Advances in Science and Engineering Technology International Conferences (ASET), Dubai, United Arab Emirates, 26 March - 10 April 2019
- XIII. **Dynamics and Control of HIV/AIDS in Cyprus Using Real Data**  
Hincal E., ŞANLIDAĞ T., Saad F. T. , Suer K., Baba I. A. , SAYAN M., Kaymakamzade B., Sultanoglu N.  
13th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS), Warszawa, Poland, 27

- 28 August 2018, vol.896, pp.167-177

**XIV. Global Stability Analysis of HIV plus Model**

Saad F. T. , ŞANLIDAĞ T., Hıncal E., SAYAN M., Baba I. A. , Kaymakamzade B.

13th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFS), Warszawa, Poland, 27

- 28 August 2018, vol.896, pp.830-839

**XV. The Prevalence of Resistance Associated Substitutes Through Europe.**

Popping S., Cento V., Annemaria W., Devaux S., Boucher C., Salmon D., Arends J., SAYAN M., Sandulescu O., Mor O., et al.

16th European Meeting on HIV Hepatitis 2018, 30 May - 01 June 2018

**XVI. Tenofovir versus Tenofovir plus Entecavir in the Treatment of Chronic Hepatitis B in Patients with Poor Efficacy of Nucleoside/Nucleotide Analogs.**

ÇINAR G., Karadağ Y., KADER Ç., Korkmaz F., Tülek N., SÜER H. K. , BATIREL A., KARAKEÇİLİ F., AKHAN S., GÜNEŞ V. E. , et al.

16th European Meeting on HIV Hepatitis Treatment Strategies Antiviral Drug Resistance, 30 May - 01 June 2018

**XVII. HBsAg ve Anti-HBs Birlikte Olumlu Olan Kronik Hepatit B Virüsü ile Enfekte Hastalardaki S Geni Mutasyonları**

Suntur B. M. , SAYAN M.

. 7. TÜRKİYE EKMUD ULUSLARARASI KONGRESİ, 8 - 13 May 2018, vol.7, pp.1-308

**XVIII. A Real World Resistance Profile of Virologic Failures Collected from an International Collaboration (SHARED).**

Howe A., Cento V., Knight N., Dietz J., Maio V., Salazar A., Popping S., Fourati S., Knops E., Kjellin M., et al.

AASLD The Liver Meeting 2018, 9 - 13 November 2018, vol.68, pp.1-1443

**XIX. Kuzey Kıbrıs'ta gebelerde yalancı anti-HIV pozitifliklerin değerlendirilmesi**

GÜLER E., GÜVENİR OLGU M., ARIKAN A., ŞANLIDAĞ T., SAYAN M., Yayıcı E., SÜER H. K.

Uluslararası 38. Türk Mikrobiyoloji Kongresi, 4 - 08 November 2018

**XX. Concomitant syphilis infection in patients with diagnosed HIV/AIDS: A retrospective multicentre study.**

Sarıgül F., SAYAN M., İNAN D., DEVECİ A., CERAN N., ÇELEN M. K. , ÇAĞATAY A. A. , Özdemir H., Kuşçu F., Karagöz G., et al.

HIV Glasgow 2018, 28 - 31 October 2018, vol.21

**XXI. Analysis of HIV epidemic in Cyprus using a mathematical model**

SULTANOĞLU N., Saad F., ŞANLIDAĞ T., SAYAN M., Hıncal E., KAYMAKAMZADE B., SÜER H. K.

Uluslararası 38. Turk Mikrobiyoloji Kongresi, International Symposium on Migration, Travel Infection., 4 - 08 November 2018

**XXII. Global Stability Analysis of HIV model.**

Saad F., ŞANLIDAĞ T., Hıncal E., SAYAN M., Baba İ., KAYMAKAMZADE B.

Thirteenth International Conference on Applications of Fuzzy Systems and Soft Computing, ICAFS -2018, 27 - 28 August 2018

**XXIII. Molecular Determining of HIV-1 with the Presence of Hepatitis B Virus and Hepatitis C Virus Co-infections**

SAYAN M., Özgüler M., Sarıgül F., Yıldırım T., Gündüz A., Dokuzoğuz B., ÇELEN M. K. , İNAN D., HEPER Y., ERSÖZ G., et al.

HIV Glasgow 2018, 28 - 31 October 2018, vol.21, pp.25187

**XXIV. Genotypes of chronic hepatitis B patients in Aydın province of Turkey**

KIRDAR S., YAŞA M. H. , SAYAN M., AYDIN N.

10th Balkan Congress of Microbiology, 13 - 17 November 2018

**XXV. Prevalence of NS3 and NS5A Resistance Associated Substitutions through European Daa- Failures**

Popping S., Cento V., Boucher C. A. B. , Wensing A., Devaux C., Salmon D., De Knegt R. J. , SAYAN M., Sandulescu O., Mor O., et al.

Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, San-Francisco, Costa Rica, 9 - 13 November 2018, vol.68

- XXVI. **Enfeksiyon Hastalıkları ve Gastroenteroloji Kliniklerinin Takibindeki Doğrudan Etkili Antiviral Tedavi Alan Kronik Hepatit C Hastaların Değerlendirilmesi**  
Pepe F., CİHANGİROĞLU M., Arslan M., Orhan C., SAYAN M.  
7. TÜRKİYE EKMUD ULUSLARARASI KONGRESİ, 8 - 13 May 2018, vol.7, pp.1-308
- XXVII. **Türkiye’de HIV/AIDS’in 1985 ile 2016 yılları arasındaki dinamiği**  
SAYAN M., baba i., ŞANLIDAĞ T., KAYMAKAMZADE B., saad f., hınçal e.  
HIV/AIDS Kongresi 2017, Turkey, 16 - 19 November 2017
- XXVIII. **Farklı cinsel temas yollarına göre HIV-1 enfekte popülasyonda bulaş dinamikleri.**  
SAYAN M., baba i., ŞANLIDAĞ T., KAYMAKAMZADE B., saad f., hınçal e.  
HIV/AIDS Kongresi 2017, Antalya, Turkey, 16 - 19 November 2017
- XXIX. **Genotypes of chronic hepatitis B patients in Aydın Province in Turkey**  
KIRDAR S., YAŞA M. H. , SAYAN M., AYDIN N.  
10 th Balkan congress, 16 - 18 November 2017
- XXX. **Ülkemizde İmmüsupressif Tedavi Veren Hekimlerin Hepatit B Reaktivasyonu ile İlgili Farkındalık ve Klinik Pratiklerinin Değerlendirilmesi**  
KORKMAZ P., DEMİRTÜRK N., ÇINAR AYDIN G., ÇEKEN S., AYGEN B., TOKA O., GÜNDOĞDU K., KOCAGÜL ÇELİKBAŞ A., İNAN D., KURUÜZÜM Z., et al.  
7. TEPECİK ENFEKSİYON GÜNLERİ, BUHASDER 2017, Turkey, 1 - 05 November 2017
- XXXI. **Integrating EuResist database with integrase resistance data for optimized antiretroviral treatment (the INTEGRATE project)**  
Zazzi M., Abecasis A., Bobkova M., Devaux C., Fanti I., Incardona F., Kaiser R., Marrone G., Paredes R., SAYAN M., et al.  
16th European AIDS Conference, Milan, Italy, 25 - 27 October 2017
- XXXII. **Molecular epidemiology of HIV-1 subtype in Antalya, Turkey.**  
İNAN D., SAYAN M.  
16th European AIDS Conference, Milan, Italy, 25 - 27 October 2017
- XXXIII. **Molecular Epidemiology of HIV-1 Subtypes in Antalya, Turkey**  
İNAN D., SAYAN M.  
16th European AIDS Conference, Milan, Italy, 25 - 27 October 2017
- XXXIV. **Characteristics of HIV-1 infection in Turkish Patients who Infected by Sexual Route**  
SAYAN M., gündüz a., sargın f., yıldırım f. s. , karagöz g., karaman ç. h. , fişgın n. t. , bölükçü a., öztürk s., seniha ş., et al.  
16th European AIDS Conference, Milan, Italy, 25 - 27 October 2017
- XXXV. **Hepatitis B surface antigen loss and 8 years clinical outcomes with entecavir therapy in Kocaeli.**  
AKHAN S., SAYAN M., GÜNEŞ V. E. , AKANSEL G.  
20th European Society for Clinical Virology (ESCV) 2017, Italy, 13 - 16 September 2017
- XXXVI. **Performance characteristics and comparison of DxN Veris system versus Qiagen PCR kit for Hepatitis B virus quantification**  
SAYAN M., Sayan M., Arikan A., Arikan A., Sanlidag T., ŞANLIDAĞ T.  
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- XXXVII. **Determination of NS3 inhibitors drug resistance mutations in chronic Hepatitis C patients infected with genotype 1**  
ŞANLIDAĞ T., Sanlidag T., Sayan M., SAYAN M., AKÇALI S., KASAP E., BURAN T., ARIKAN A., ARIKAN A.  
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- XXXVIII. **Analytical performance of DxN Veris system in the viral load quantification of Hepatitis C virus**  
SAYAN M., Sayan M., Sanlidag T., ŞANLIDAĞ T., ARIKAN A., ARIKAN A.  
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- XXXIX. **Nükleoz(T)id analogu tedavilerinde gelişen HBV pol/S geni mutasyonları**  
KIRDAR S., AYDIN N., SAYAN M., YAŞA M. H.  
1. Uluslararası sağlık bilimleri kongresi, 29 - 30 June 2017
- XL. **Nükleozit analogu tedavilerinde gelişen HBV PoL/S geni mutasyonları**

KIRDAR S., AYDIN N., YAŞA M. H. , SAYAN M.

1. Uluslararası Sağlık Bilimleri Kongresi, 29 June - 01 July 2017

- XLII. **Analytical performance of DxN Veris System in the Viral Load Quantification of Hepatitis C Virus Quantification**  
SAYAN M., ŞANLIDAĞ T., ARIKAN A.  
European Biotechnology Congress 2017, Dubrovnik, Croatia, 25 - 27 May 2017
- XLIII. **Tenofovir versus tenofovir plus entecavir for chronic hepatitis b in patients with previous nucleos(t)ide treatment failure.**  
aydın g., karadağ f., KADER Ç., korkmaz F., tülek n., SÜER H. K. , SAYAN M.  
ILC2017-RS-3845. International Liver Congress™ 2017- 52st annual meeting of the European Association for the Study of the Liver (EASL), Amsterdam, Netherlands, 19 - 23 April 2017
- XLIV. **Artan Bir Sorun: HIV Pozitif Anne Bebekleri**  
kılıçbay f., GÜNLEMEZ A., SAYAN M., şenel Y., ARISOY A. E. , gökalp a.  
25.Ulusal Neonatoloji Kongresi, Antalya, Turkey, 12 - 16 April 2017
- XLV. **Kronik hepatit B'li hastalarda izole edilen hepatit B viruslarının moleküler özellikleri.**  
ASAN A., SAYAN M., AKHAN S., TEKİN S., AYGEN B., SIRMATEL F., ERAKSOY Ö. H. , TUNA N., KÖSE Ş., KAYA A., et al.  
XVIII. Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 22 - 26 March 2017
- XLVI. **Tenofovir kullanan kronik hepatit B'li hastalarda böbrek fonksiyonlarının değerlendirilmesi**  
karadağ f., tekin s., karacaer Z., BATIREL A., aydın G., Ergen P., AYGEN B., SIRMATEL F., HAKYEMEZ İ. N. , AKHAN S., et al.  
XVIII. Türk Klinik Mikrobiyoloji Ve İnfeksiyon Hastalıkları (Klinik) Kongresi, Antalya, Turkey, 22 - 26 March 2017
- XLVII. **Karadeniz bölgesinden izole edilen HIV-1 suşlarının moleküler epidemiyolojisi.**  
TAŞDELEN FIŞGIN N., SAYAN M., DEVECİ A., GÜNAL Ö., KAYA S.  
XVIII.Türk Klinik Mikrobiyoloji İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 22 - 26 March 2017
- XLVIII. **Tenofovir Kullanan Kronik Hepatit B Hastalarında Böbrek Fonksiyonlarının Değerlendirilmesi**  
YILMAZ KARADAĞ F., TEKİN KORUK S., KARACAER Z., BATIREL A., ÇINAR AYDIN G., ERGEN P., AYGEN B., SIRMATEL F., HAKYEMEZ İ. N. , AKHAN S., et al.  
XVIII. TÜRK KLİNİK MİKROBİYOLOJİ VE İNFEKSİYON HASTALIKLARI KONGRESİ, Turkey, 22 - 26 March 2017
- XLIX. **Molecular Epidemiology of HIV-1 in North Cyprus until 2016.**  
SÜER H. K. , GÜVENİR OLGU M., Güler E., ARIKAN A., ŞANLIDAĞ T., SAYAN M.  
Towards Novel Therapies: Emerging Insights From Stuctural and Molecular Biology., Amsterdam, Netherlands, 6 - 08 March 2017
- L. **Probbale vertical transmission of HCV infection and successful treatment of mother and son with 3D regimen.**  
AKHAN S., SAYAN M., GÜNEŞ V. E. , ÇAKIROĞLU S.  
APASL Annual Meeting 2017, Shanghai, China, 15 - 19 February 2017
- L. **Molecular characterization of hepatitis B viruses isolated from chronically infected patients in Turkey**  
HORASAN A. S. , SAYAN M., AKHAN S., süda t., AYGEN B., SIRMATEL F., ERAKSOY Ö. H. , tuna n., kose s., KAYA A., et al.  
APASL Annual Meeting 2017, 15 - 19 February 2017, vol.11, pp.1-1093
- L. **NS3 Inhibitor Developed Cross Resistance with Triple Therapy in Hepatitis C Patients. A Case Report.**  
**Molecular Characterization of Hepatitis B Viruses Isolated from Chronically Infected Patients in Turkey.**  
keten d., SAYAN M., AYGEN B., AKHAN S.  
APASL Annual Meeting 2017, Shanghai, China, 15 - 19 February 2017
- LII. **Türkiye de Ocak Haziran 2016 Döneminde HIV 1 Enfeksiyon Dinamiği**  
SAYAN M., fişgın n., sargın f., gündüz a., engin d., üser ü., sönmez ç., karagöz g., bölükçü s. a.  
Klinik HIV/AIDS 2016 Kongresi, Antalya, Turkey, 17 - 20 November 2016
- LIII. **İntegraz İnhibitörüne Direnç Mutasyonlu Bir HIV Olgusu**  
Başaga S. M. , Yüce Z. T. , SAYAN M., Demiraslan H.

- Klinik HIV AIDS 2016 Kongresi, Turkey, 17 - 20 November 2016
- LIV. **Antiretroviral Tedaviye Direnç Gelişen HIV Pozitif Bir Olgu**  
Yılmaz G. R. , Yalçınkaya K. T. , SAYAN M., Ertek M.  
Klinik HIV AIDS 2016 Kongresi, Turkey, 17 - 20 November 2016
- LV. **Türkiye de HIV i Cinsel Yolla Edinen Hastalarda HIV 1 Enfeksiyonlarının Karakteristik Özellikleri**  
SAYAN M., gündüz a., sargın f., sarıgül f., karagöz g., hatipoğlu ç., pehlivanoğlu f., bölükçü s. a.  
Klinik HIV/AIDS 2016 Kongresi, Antalya, Turkey, 17 - 20 November 2016
- LVI. **Molecular characterization of HIV-1 in HBV +/- HDV/HCV co-infected HIV-1 positive patients in Turkey**  
SAYAN M., AKHAN S., Sargin F., Yasar K., Cagatay A., İNAN D., Simsek F., Kaptan F., Celikbas A. K. , Demiraslan H.  
19th Annual Meeting of the European-Society-for-Clinical-Virology, Lisbon, Portugal, 14 - 17 September 2016, vol.82
- LVII. **HIV 1 sub subtype F1 outbreak among MSM in Belgium**  
Vinken L., Fransen K., AC P. P. , Alexiev I., Balotta C., Debaisieux I., Devaux C., Garcia Ribas S., Gomes P., Incardona F., et al.  
21th International BioInformatics Workshop on Virus Evolution and Molecular Epidemiology, Republic of Korea, 14 - 19 August 2016
- LVIII. **Naturally developing hepatitis B virus HBV pol gene mutation in Northern Cyprus**  
Arıkan A., ŞANLIDAĞ T., SAYAN M., SÜER H. K.  
26th ECCMID 2016, Amsterdam - Netherlands, 9 - 12 April 2016
- LIX. **Yayın Dünyası ve Yaşanan Sorunlar**  
SAYAN M.  
Sosyal Bilimler Alanında Bilimsel Makale Yazım Kursu, Turkey, 24 - 25 March 2016
- LX. **Yayın aşamasında yaşanan sorunlar Klimik Asistan ve Genç Uzman Hekimler Komisyonu Atölye Çalışma Konuşması**  
SAYAN M.  
Klimik 30.Yıl Kurultayı, Turkey, 9 - 12 March 2016
- LXI. **Türkiye de ARV Direncin Moleküler Epidemiyolojisi HIV AIDS Hastasında ART Direnci ve Tedavide Güncel Durum**  
SAYAN M.  
Klimik 30.Yıl Kurultayı, Turkey, 9 - 12 March 2016
- LXII. **HBV Tanıda Serolojik ve Moleküler Yöntemlerin Yeri**  
SAYAN M.  
Klimik Hepatit Akademisi 2016, Turkey, 21 - 24 January 2016
- LXIII. **Antiviral direncin klinik pratiğe yansımaları**  
SAYAN M.  
HepAtölye III: Hepatit C enfeksiyonunun Tedavisinde Yeni Antiviraller., İstanbul, Turkey, 4 - 06 December 2015
- LXIV. **Molecular Epidemiology of HIV 1 in North Cyprus**  
SAYAN M., SÜER H. K. , güvenir m., güler e., arıkan a., ŞANLIDAĞ T.  
IV. International Congress of the Molecular Biology., Ankara, Turkey, 27 - 29 November 2015
- LXV. **Cross resistance to HCV NS3 inhibitors developed while on treatment of pegylated interferon ribavirin and telaprevir**  
Günay E., SAYAN M., Hekimoğlu Ş., Tülek N.  
The 7th EuroAsia Congress of Infectious Disease, Tiflis, Georgia, 30 September - 03 October 2015
- LXVI. **Makale Yazma Eğitimine Giriş Araştırmacının Penceresinden**  
SAYAN M.  
Yakın Doğu Üniversitesi, Deneysel Sağlık Bilimleri Araştırma Merkezi (DESAM).Makale Yazma Eğitimi Kursu., Girne, Cyprus (Kktc), 25 - 27 September 2015
- LXVII. **An outbreak of acute HCV infection with genotype 1a in a Haemodialysis Unit in Kocaeli Turkey**  
Akhan S., Sayan M., Şirin G.  
The Viral Hepatitis Congress, Frankfurt, Germany, 10 - 12 September 2015



- LXVIII. Naturally occuring cross resistance mutation to boceprevir and telaprevir in a naive hepatitis C patient Presentation of a case**  
AKHAN S., ELİF A., SAYAN M.  
15th International Symposium on Viral Hepatitis and Liver Diseases Berlin, 2015, 26 - 28 June 2015
- LXIX. Tübitak projelerinde panel değerlendirmeleri**  
SAYAN M.  
Yakın Doğu Üniversitesi, Deneysel Sağlık Araştırma Merkezi (DESAM). Sağlık Alanında Proje Yazma Eğitimi Kursu, Girne, Cyprus (Kkct), 24 - 26 June 2015
- LXX. Kocaeli nde HBV HDV Koinfeksiyonu Olgularının Tedavi Yanıtlarının Değerlendirilmesi**  
Altunok E., Aynioğlu A., Çakıroğlu S., AKHAN S., SAYAN M.  
Klimik VHÇG VII.Sempozyumu, Adana, Turkey, 22 - 24 May 2015
- LXXI. HIV ve Hepatit Virus Koinfeksiyonlarında Moleküler Sonuçlar Ülkemizdeki Durum**  
SAYAN M.  
Klimik VHÇG, Ulusal Viral Hepatit Sempozyumu 7., Adana, Turkey, 22 - 24 May 2015
- LXXII. Türkiye de HIV 1 ile Enfekte Hastalarda İntegraz İnhibitörleri Direnç Mutasyonları**  
SAYAN M.  
Türkiye'de HIV: Mevcut Durum ve Tedavi Seçenekleri Toplantısı, İstanbul, Turkey, 20 April 2015
- LXXIII. Monocrotalin ile İndüklenmiş Pulmoner Hipertansiyon Rat Modelinde Rapamisinin Etkisi**  
ŞENGÜL A., VURAL Ç., ARKAN S., ÖZER C., YAPRAK BAYRAK B., TAŞ A., SAYAN M.  
TÜRK TORAKS DERNEĞİ 18. YILLIK KONGRESİ, Turkey, 1 - 05 April 2015
- LXXIV. Türkiye de HIV 1 ile Enfekte Hastalarda İntegraz İnhibitörleri İlaç Direnci Mutasyonları**  
SAYAN M., Willke A., Nuriye F., Asuman İ., Sargın F., Kadriye Y., Kaptan F., Funda Ş., İNAN D., KARAOĞLAN İ., et al.  
Klimik 2015. XVII.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 25 - 29 March 2015
- LXXV. İnterlökin 28B genotiplerin göre kronik hepatit C li Türk hastaların Özellikleri ve pegile interferon ile ribavirin kombinasyon tedavisine yanıtlar**  
AYGEN B., AKHAN S., GÜNAL Ö., TAHERİ S., ZARARSIZ G., SAYAN M., rüstemoğlu a., YILDIZ O., Elif A.  
Klimik 2015. XVII.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Turkey, 25 - 29 March 2015
- LXXVI. Akut ikterik hepatit B infeksiyonu gelişen HIV infeksiyonlu olguların değerlendirilmesi**  
Arzu K., Çakmak P., Taner Y., Funda Ş., SAYAN M.  
Klimik 2015. XVII.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 25 - 29 March 2015
- LXXVII. Kronik hepatit C tedavisinde telaprevir Kocaeli deneyimi**  
Elif A., Aynur A., AKHAN S., SAYAN M.  
Klimik 2015. XVII.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 25 - 29 March 2015
- LXXVIII. İnterlökin 28B genotiplerine göre kronik hepatit C li Türk hastaların özellikleri ve pegile interferon ile ribavirin kombinasyon tedavisine yanıtları**  
AYGEN B., AKHAN S., GÜNAL Ö., TAHERİ S., ZARARSIZ G., SAYAN M., RÜSTEMOĞLU A., YILDIZ O., ALTUNOK E.  
17.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2015, Turkey, 25 - 29 March 2015
- LXXIX. Gebelerde anti HIV pozitifliği yenidoğanda profilaksi gerektirir mi**  
İnci A., SAYAN M., Şanlı K.  
Klimik 2015. XVII.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 25 - 29 March 2015
- LXXX. Kronik Hepatit C Tedavisinde Antiviral Direnç ve Laboratuvar Tanısı**  
SAYAN M.  
Klimik 2015 Atölye, Antalya, Turkey, 25 - 29 March 2015
- LXXXI. Türkiye de Antiretroviral Direnç Problemi**  
SAYAN M.  
HIV tedavisinde Deneyim Paylaşımı ve Güncel Yaklaşımlar Toplantısı, Ankara, Turkey, 19 March 2015
- LXXXII. Spontaneous vaccine escape mutation in inactive hepatitis Bcarriers and its important**

aydın f., ŞENTÜRK Ö., SAYAN M., korkmaz u., YILMAZ H., ÖZTÜRKLER M., geçgel f., ÇELEBİ A., HÜLAGÜ S.

The 24th Conference of the Asian Pacific Association for the Study of Liver, 12 - 15 March 2015

**LXXXIII. The Examination of Mutations Created by Pegylated Interferon Alpha and Oral Antivirals Used in the Treatment of Chronic Hepatitis B on HBsAg Gene and Polymerase Gene**

Altınok E., AKHAN S., SAYAN M.

The 24th Conference Of The Asian Pacific Associaton For The Study of The Liver (APASL), 12 - 15 March 2015

**LXXXIV. Evaluation of Lamivudine for the Treatment of Chronic Hepatitis B Pre Report of Real Life Data From Turkey**

Türker N., Ari A., Örmen B., Necla T., Koruk S., Batrel A., Batrel A., SAYAN M., VHÇG K.

The 24th Conference of The Asian Pacific Associaton For The Study of The Liver (APASL), 12 - 15 March 2015

**LXXXV. Succesful treatment with daclatasvir asunaprevir of a chronic hepatitis C virus genotype 1 infection after failure of pegylated interferon and ribavirin twice**

AKHAN S., Elif A., Çakıroğlu M., SAYAN M.

APASL 2016, 11 - 15 March 2015

**LXXXVI. Retreatment of Chronic Hepatitis C Infection with Telaprevir Preliminary Results in Turkey**

AYGEN B., SAYAN M., VHÇG K.

The 24th Conference of The Asian Pacific Associaton For The Study of The Liver (APASL), İstanbul, Turkey, 12 - 15 March 2015

**LXXXVII. Naturally developing hbv polimerase and superficial genevariants in inactive hepatitis B carriers**

ŞENTÜRK Ö., AYDIN H., SAYAN M., KORKMAZ U., YILMAZ H., ÖZTÜRKLER M., ŞENTÜRK Z., ÇELEBİ A., HÜLAGÜ S.

The 24th Conference of the Asian Pacific Association for the Study of Liver, 12 - 15 March 2015

**LXXXVIII. Resistance Module Meet the Experts**

SAYAN M.

Excellence in HIV Academy, Bükreş, Romania, 12 March 2015

**LXXXIX. HBV Viroloji ve Epidemiyoloji**

SAYAN M.

Klimik VHÇG, Hepatit Akademisi 2015. Temel Bilgiler., Çanakkale, Turkey, 22 - 24 January 2015

**XC. HCV NS3 inhibitors resistance mutations in the telaprevir started Turkish patients with chronic HCV**

SAYAN M., AKHAN S., AYGEN B., SÜDA T., MISTIK R., DEMİRTÜRK N., URAL O.

ICID Cape Town 2014, 2 - 05 April 2014

**XCII. Long term outcomes of ongoing lamivudine treatment in chronic hepatitis B patients in Kocaeli**

AKHAN S., SAYAN M., AYGEN B., AYNUR A., ELİF A.

ICID Cape Town 2014, 2 - 05 April 2014

**XCIII. A case report antiviral triple therapy with telaprevir in a haemodialysed HCV patient in Turkey**

AKHAN S., SAYAN M., ELİF A., AYNIOĞLU A.

Hepatol Int 2014, 23. APASL Liver Week Brisbane 2014, 12 - 15 March 2014

**XCIII. Nucleoside Drug Resistance and Potential HBV Vaccine-Escape Mutation Caused by Telbivudine Treatment in a Chronic Hepatitis B Patient**

Comoglu S., Kadanali A., Dede B., Karagoz G., Tatar K. K. , SAYAN M., Ozdemir N. B. , Cakar Z. S.

65th Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases, Massachusetts, United States Of America, 7 - 11 November 2014, vol.60

**XCIV. Kronik hepatit B ve D enfeksiyonu olan bir hastada akut hepatit A enfeksiyonu Bir olgu sunumu**

ALTUNOK E., AYNIOĞLU A., AKHAN S., SAYAN M.

Yaşlılık ve enfeksiyonlar 5. Tepecik Enfeksiyon Günleri Sempozyumu BUHASDER 2013, Turkey, 25 - 29 October 2013

**XCIV. Spontan HBsAg serokonversiyonu gelişen kronik hepatit B enfeksiyonu Bir olgu sunumu**

AYNIOĞLU A., ALTUNOK E., AKHAN S., SAYAN M.

Yaşlılık ve enfeksiyonlar 5. Tepecik Enfeksiyon Günleri Sempozyumu BUHASDER 2013, Turkey, 25 - 29 October 2013

**XCVI. HIV 1 subtypes and antiretroviral resistance mutations in HBV HCV co infected HIV 1 positive patients in Turkey**

SAYAN M., AKHAN S., DEMİRASLAN H., ALTUNOK E., AYNUR A.

IDWeek San Francisco 2013, 2 - 06 October 2013

- XCVII. **Tenofovir resistance associated with A194 mutation on reverse transcriptase domain in a naive chronic hepatitis B patient responded to entecavir combination**  
Comoglu S., Kadanali A., Karagoz G., Dede B., SAYAN M., Tok B.  
64th Annual Meeting and Postgraduate Course of the American-Association-for-the-Study-of-Liver-Diseases, Washington, Kiribati, 1 - 05 November 2013, vol.58
- XCVIII. **IL 28B genotip tayini kronik hepatit B için oral antiviral kullanan hastalarda tedavi cevabını öngörmede kullanılabilir mi**  
AKHAN S., AYNUR A., ELİF A., SAYAN M.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi 2013, Antalya, Turkey, 13 March - 17 June 2013
- XCIX. **Genotypic resistance patterns during virological breakthrough in chronic hepatitis B under nucleos tide analogue treatments in Turkey**  
SAYAN M., AKHAN S.  
22. APASL Liver Week Singapur 2013, 6 - 09 June 2013
- C. **Molecular characterization of HBV strains isolated from chronic hepatitis B patients in southeastern region of Turkey**  
SAYAN M., AKHAN S.  
22. APASL Liver Week Singapur 2013, 6 - 09 June 2013
- CI. **Antiviral drug associated potential vaccine escape mutants ADAPVEMS in chronic hepatitis B patients A multicenter controlled prospective study in Turkey**  
SAYAN M., AKHAN S.  
22. APASL Liver Week Singapur 2013, 6 - 09 June 2013
- CII. **Kocaeli nde HBV HCV HDV HIV Koinfeksiyon Olgularının Değerlendirilmesi**  
AKHAN S., SAYAN M., ALTUNOK E., AYNIOĞLU A.  
Ulusal Viral Hepatit Simpozyumu III Girne, Kuzey Kıbrıs Türk Cumhuriyeti, 2013, Turkey, 24 - 26 May 2013
- CIII. **Kronik hepatit B tedavisinde nadir rastlanılan entekavir direnci mutasyon kombinasyonu**  
SAYAN M., AKHAN S.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2013, Turkey, 13 - 17 March 2013
- CIV. **KLİMİK VHÇG 2012 Ulusal HBV ilaç direnci izlem sonuçları I Oral antiviral naif kronik hepatit B li hastaların değerlendirilmesi**  
SAYAN M., AKHAN S., AYGEN B., ERAKSOY Ö. H. , SIRMATEL F., URAL O., AKTUĞ DEMİR N.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2013, Turkey, 13 - 17 March 2013
- CV. **Kocaeli nde 4 yıllık entekavir deneyimi**  
AKHAN S., ALTUNOK E., AYNIOĞLU A., SAYAN M.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2013, Turkey, 13 - 17 March 2013
- CVI. **KLİMİK VHÇG 2012 Ulusal HBV ilaç direnci izlem sonuçları II Oral antiviral tedavi altında viral breakthrough görülen kronik hepatit B li hastaların değerlendirilmesi**  
SAYAN M., AKHAN S., AYGEN B., ERAKSOY Ö. H. , SIRMATEL F., TÜLEK N., AKTUĞ DEMİR N., MISTIK R.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2013, Turkey, 13 - 17 March 2013
- CVII. **Membranoproliferatif glomerülo nefrit ve hepatit B enfeksiyonu ilişkisi Literatür taraması ile bağlantılı olarak olgu sunumu**  
AKHAN S., KALENDER GÖNÜLLÜ B., SAYAN M.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2013, Turkey, 13 - 17 March 2013
- CVIII. **İzole kardiyak kist hidatik Olgu sunumu**  
AKHAN S., AYNIOĞLU A., ALTUNOK E., SAYAN M.  
16.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2013, Turkey, 13 - 17 March 2013
- CIX. **"Membranoproliferatif Glomerulonefrit ve Hepatit B Enfeksiyonu İlişkisi Literatür Taraması ile Bağlantılı Olarak Olgu sunumu"**  
AKHAN S., KALENDER GÖNÜLLÜ B., SAYAN M.  
XVI. Turk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 13 - 17 March 2013

- CX. HIV 1 subtypes and antiretroviral resistance mutations in HBV HCV coinfecting HIV 1 positive patients from two centers of Marmara region of Turkey**  
AKHAN S., SAYAN M.  
EASL Monothematic Conference London, 2012, 7 - 08 December 2012
- CXI. Frequency and mutation patterns of resistance in patients with chronic hepatitis B infection treated with nucleos(t)ide analogs in add on and switch strategies**  
SAYAN M., AKHAN S., ŞENTÜRK Ö.  
15th ICID Bangkok, 2012, 13 - 16 June 2012
- CXII. Antiviral drug associated potential vaccine escape hepatitis B virus mutants in Turkish patients with chronic hepatitis B**  
SAYAN M., AKHAN S.  
15th ICID Bangkok, 2012, 13 - 16 June 2012
- CXIII. Lamivudin tedavisi altında primer nükleozid analogu direnci saptanan olguda klinik histopatolojik ve moleküler sonuçlar**  
AYGEN B., SAYAN M., YILDIZ O., AKHAN S.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Turkey, 5 - 06 May 2012
- CXIV. Kronik hepatit B virus enfeksiyonu ve S gen mutasyonu**  
AKHAN S., SAYAN M., UYGUN KIZMAZ Y.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Turkey, 5 - 06 May 2012
- CXV. Kronik hepatit B tedavisinde ortaya çıkan oral antiviraller ile ilişkili potansiyel aşı kaçığı mutasyonları**  
SAYAN M., AKHAN S.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Turkey, 5 - 06 May 2012
- CXVI. Kronik hepatit B enfeksiyonunda entekavir ve tenofovirin birlikte kullanım deneyimi Beş olgu sunumu**  
AKHAN S., SAYAN M.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Ankara, Turkey, 5 - 06 May 2012
- CXVII. Hepatit B virusu ilaç direnci analizinde ön sonuçlar**  
SAYAN M., AKHAN S.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Turkey, 5 - 06 May 2012
- CXVIII. Kronik B hepatitli naif bir hastada primer adefovir ve potansiyel entekavir direnci**  
AYGEN B., SAYAN M., YILDIZ O., AKHAN S.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Turkey, 5 - 06 May 2012
- CXIX. Kemik iliği transplantasyonu olan hastada hepatit B virus enfeksiyonu seyri**  
AKHAN S., SAYAN M., GÜREL E.  
Ulusal Viral Hepatit Simpozyumu I Ankara, 2012, Turkey, 5 - 06 May 2012
- CXX. HIV and acute HBV infection First case from Kocaeli Turkey**  
SAYAN M., AKHAN S.  
Asian Pacific Association for the Study of the Liver (APASL) Taiwan, Congress, Hepatology 2012, 16 - 19 February 2012
- CXXI. Kronik hepatit B tedavi sürecinde ortaya çıkan idiyopatik trombositopenik purpura**  
AKHAN S., AYNUR A., SAYAN M.  
15.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2011, Turkey, 23 - 27 March 2011
- CXXII. Kronik hepatit B enfeksiyonu olan ailede tedavi ile serokonversiyon gelişimi 4 olgu sunumu**  
AKHAN S., ÇELİK E., SAYAN M., ERDEM G.  
15.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2011, Turkey, 23 - 27 March 2011
- CXXIII. HIV enfeksiyonu tedavisi ile ortaya çıkan jinekomasti Olgu sunumu**  
AKHAN S., SAYAN M.  
15.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, 2011, Turkey, 23 - 27 March 2011
- CXXIV. HIV enfeksiyonu ile akut hepatit B ya da alevlenme**  
AKHAN S., SAYAN M., ALTUNOK E.

15.Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi , Antalya, 2011, Antalya, Turkey, 23 - 27 March 2011

- CXXV. **Genotype distribution of hepatitis C in the Kocaeli Turkey**  
SAYAN M., AKHAN S., ŞENTÜRK Ö.  
Asian Pacific Association for the Study of the Liver (APASL) Bangkok, Congress, Hepatology 2011, 20 - 24 February 2011
- CXXVI. **Akut hepatit B infeksiyonu mu kronik zeminde alevlenme mi**  
AKHAN S., ELİF A., SAYAN M.  
X.Ulusal Viral Hepatit Kongresi, Antalya, 2010, Antalya, Turkey, 1 - 04 April 2010
- CXXVII. **HBsAg antiHBs ve HBV DNA pozitif olan dört olgu sunumu Mutant suşlar mı gündemde**  
AKHAN S., AKSOY S., SAYAN M.  
X.Ulusal Viral Hepatit Kongresi, Antalya, 2010, Turkey, 1 - 04 April 2010
- CXXVIII. **The prevalence of hepatitis B virus surface antigen HBsAg mutants and HBsAg assays performance for sG14R mutants in Turkish patients under nucleos t ide analogues therapy and treatment naïve chronic hepatitis B infection**  
SAYAN M., AKHAN S., ÇEKMEN M. B.  
The molecular biology of hepatitis viruses, Tours, Loire Valley, France, 2009, 30 August - 02 September 2009
- CXXIX. **Genotype A adw2 strain of hepatitis B virus in Turkey a case report**  
SAYAN M., AKHAN S.  
The molecular biology of hepatitis viruses, Tours, Loire Valley, France, 2009, 30 August - 02 September 2009
- CXXX. **Entecavir drug resistance in entecavir naivechronic hepatitis B patients**  
SAYAN M., HÜLAGÜ S., AKHAN S., ŞENTÜRK Ö., MERİÇ KOÇ M., ÇEKMEN M. B.  
5th APASL Single Topic Conference, İstanbul, 2009, 17 - 20 May 2009
- CXXXI. **Naturally occurred amino acid substitutions in nucleos t ide naïve patients with chronic hepatitis B**  
SAYAN M., AKHAN S., MERİÇ KOÇ M.  
5th APASL Single Topic Conference, İstanbul, 2009, 17 - 20 May 2009

## Supported Projects

SAYAN M., Project Supported by Higher Education Institutions, YOĞUN BAKIM HASTALARINDA AKUT BÖBREK HASARI ERKEN TANIDA VE TERAPÖTİK HEDEFLERDE MİCRORNA-21 VE MİCRORNA-127 EKSPRESYON PROFİLLERİNİN İLİŞKİLENDİRİLMESİ, 2016 - 2016

SAYAN M., Project Supported by Higher Education Institutions, HEPATİT C TEDAVİSİNDE KULLANIMA YENİ GİREN NS5A VE B İNHİBİTÖRÜ ANTİVİRALERDE İLAÇ DİRENCİNİN VE MUTASYON PATERNLERİNİN BELİRLENMESİ, 2014 - 2016

SAYAN M., Project Supported by Higher Education Institutions, Türkiye'deki anti-HCV Pozitif Hemodiyaliz Hastalarında Hepatit C Virüsü Viral Yüklü, Genotipleri ve Rekonbinasyon Özelliklerinin Moleküler Tekniklerle Ortaya Çıkarılması, 2011 - 2012

SAYAN M., Project Supported by Higher Education Institutions, Güneydoğu Anadolu Bölgesinde,tedavi naif ve çeşitli oral antiviral tedavi uygulanmış kronik hepatit B'li hastalarda, antiviral ilaç ile ilişkili potansiyel aşı kaçış mutantlarının (ADAPVEMs) saptanması, 2010 - 2012

## Citations

Total Citations (WOS):519

h-index (WOS):12