

Curriculum Vitae

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Personal:

Born on; 03 October 1966, Kocaeli/Turkey. Married.

Work: Chief of PCR Unit in Clinicaly Laboratory of Medical Faculty Hospital in Kocaeli University (January 2005 - present).

Education:

Degree	Department	University	Year
Medical Education	Medical Faculty (Medical Biological Sciences)	Dokuz Eylül University	1992
PhD	Clinical Microbiology	Dokuz Eylül University	1997
Assoc Prof.	Clinical Microbiology	Kocaeli University	2010
Prof. Dr.	Clinical Microbiology	Kocaeli University	2016

Scientific affiliations:

1. Ankara Microbiology Society
2. Turkish AIDS Society
3. Turkish Clinical Microbiology and Infectious Diseases Society (KLIMIK)
4. Turkish Microbiology Society (TMC)
5. Turkish Viral Hepatitis Society (VHSD)
6. ESCMID
7. International Society for Infectious Diseases (ISID)
8. European Society for Translational Antiviral Research (ESAR)
9. EURESIST
10. Turkish Liver Research Society (TKAD)
11. SHARED Initiative

Publication List (SCI, SCI-E, ESCI)

1. M.Sayan, F.S.Yildirim, S.Akhan, I.Karaoglan, H.Akalin. Integrase strand transfer inhibitor (INSTI) genotypic resistance analysis in treatment-naive, INSTI free antiretroviral-experienced and INSTI-experienced Turkish patients infected with HIV-1. *HIV Current Research* 2022 (in press)
2. U.Gazi, A.A.Sarioglu, E.Ruh, B.Sanlidag, C.Dalkan, I.Beyitler, K.Suer, N.Cakir, M.Sayan, T.Sanlidag. The Paediatric Asymptomatic SARS-CoV-2 IgG Seropositivity in Turkish Republic of Northern Cyprus. *The Turkish Journal of Pediatrics* 2022 (in press)
3. M.T.Deniz, S.Akhan, M.Sayan. Evaluation of HCV Core Antigen in Diagnosis of Chronic Hepatitis C Patients under Direct-Acting Antiviral Treatment. *Viral Hepatitis Journal* 2022 (in press)
4. S.Popping, V.Cento, C.S.-Devaux, C.A.Boucher, A.de Salazar, R.Kaiser, O.Mor, M.Sayan, D.Salmon, N.Weis, R.J. de Knecht, O.Sandulescu, V.Chulanov, D.van de Vijver, F.García, F. C.-Silberstein. The European prevalence of resistance-associated substitutions among direct-acting antiviral failures. *Viruses* 2022;14(1):16. <https://doi.org/10.3390/v1401001>
5. M.Sayan, A.Arikan, M.Isbilen. Comparative Evaluation of the Variant Analysis of SARS-CoV-2 Strains with Phylogenetic Analysis and Coronavirus Antiviral and Resistance Database (CoV-RDB). *Journal of Comparative Effectiveness Research* 2022;11(3):157-167. <https://doi.org/10.2217/cer-2021-0208>
6. D.U.Ozsahin, A.Arikan, T.Sanlidag, M.Sayan, B.Uzun. Performance Ranking of Diagnostic SARS-CoV-2 IgG Antibody Tests by Using Multi-Criteria Decision-Making Theory. 2021 14th International Conference on Developments in eSystems Engineering (DeSE). 7-10 December 2021
7. Sharif A, Sayan M, Mustapha A. Dynamic of HIV-1 Strains Isolated from Newly Diagnosed Antiretroviral Drug Naive Turkish Patients. *Infectious Diseases Research* 2021;2(3):12.
8. S.Paolacci, M.C.Ergoren, D.De Forni, E.Manara, B.Poddesu, G.Cugia, K.Dhuli, G.Camilleri, G.Tuncel, H.K.Suer, N.Sultanoglu, M.Sayan, M.Dundar, T.Beccari, M.R.Ceccarini, I.S.Gunsel, A.Dautaj, T.Sanlidag, S.T.Connelly, G.M.Tartaglia, M.Bertelli. In vitro and clinical studies on the efficacy of alpha-cyclodextrin and hydroxytyrosol against SARS-CoV-2 infection. *European Review for Medical and Pharmacological Sciences* 2021;25 (1 Suppl): 81-89. DOI: 10.26355/eurrev_202112_27337
9. R.Y.Athamneh, A.Arikan, M.Sayan, A.Mahafzah, M.Sallam. 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. *Pathogens* 2021;10(10),1333; <https://doi.org/10.3390/pathogens10101333> (registering DOI)
10. B.Rossetti, M.Fabbiani, D.Di Carlo, F.Incardona, A.Abecasis, P.Gomes, A.M.Geretti, C.S.Devaux, F.Garcia, R.Kaiser, S.Modica, A.Shallvari, A.Sonnerborg and M.Zazzi

on behalf of EuResist Network, INTEGRATE study group. Effectiveness of integrase strand transfer inhibitor-based regimens in HIV-infected treatment-naive individuals: results from a European multi-cohort study. *J Antimicrob Chemother* 2021;76:2394–2399

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12. A.Y.M.Howe, F.C.-Silberstein, J.Dietz, S.Popping, J.Grebely, C.Rodrigo, J.Lennerstrand, M.W. Douglas, M.Parczewsk, P.R.Harrigan, J.-M.Pawlotsky, F.Garcia and SHARED Collaborators. SHARED: An International Collaboration to Unravel Hepatitis C Resistance. *Viruses* 2021;13:1580 <https://doi.org/10.3390/v13081580>
13. V.Rajabal, F.Taner, T.Sanlidag, K.Suer, E.Guler, M.Sayan, S.Petrovski. Genetic characterisation of antibiotic resistance transposons Tn6608 and Tn6609 isolated from clinical Pseudomonas strains in Cyprus. *Journal of Global Antimicrobial Resistance* 2021;<https://doi.org/10.1016/j.jgar.2021.07.016>
14. Sultanoglu, N., Gokbulut, N., Sanlidag, T., Hincal, E., Kaymakamzade, B. M.Sayan. A Binomial Model Approach: Comparing the R0 Values of SARS-CoV-2 rRT-PCR Data from Laboratories across Northern Cyprus. *Computer Modeling in Engineering & Sciences* 2021;128(2):717–729
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17. RY.Al-Athamnah, A.Alqudah, R.Abudalo, M.Sayan, A.Arikan. Antiretroviral Therapy and COVID-19 Interaction Outcomes in HIV-Positive Patients. *Annals of The Romanian Society of Cell Biology* 2021; 25(6):17605-17613
18. M.T.Deniz, S.Akhan, M.B.Esgin, M.Sayan, S.A.Barış. Reinfection with SARS-CoV-2 in a splenectomized patient from Kocaeli, Turkey. *Mediterranean Journal of Infection, Microbes and Antimicrobials* 2021;10:29.
19. F.S.Yildirim, M.Sayan, T.Sanlidag, B.Uzun, D.U.Ozsahin, İ.Ozsahin. Comparative Evaluation of the Treatment of COVID-19 with Multicriteria Decision-Making Techniques. *Journal of Healthcare Engineering* 2021:8864522, doi.org/10.1155/2021/8864522
20. S.H.Portakal, B.Kanat, M.Sayan, B.Berber, O.Doluca. A Novel Method for Conserved Sequence Extraction with Prospective Mutation Prediction for SARS-CoV-2 PCR

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26. A.Arıkan, M.Sayan, O.Doluca. NeuMoDx Random Access Molecular Diagnostic System for Detection and Quantification of Hepatitis B Virus in Clinical Samples. *The Journal of Infection in Developing Countries* 2020;14(10):1197-1203
27. M.Sayan, F.S.Yıldırım, S.Akhan, A.A.Yıldırım, G.Şirin, M.Cabalak, M.Demir, S.Can, G.Ersöz, E.Altıntaş, F.Ensaroğlu, A.Akbulut, A.Şener, A.Deveci. NS5A Resistance - Associated Substitutions in Chronic Hepatitis C Patients with Direct Acting Antiviral Treatment Failure in Turkey. *International Journal of Infectious Diseases* 2020;95:84-89
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