

**ACADEMIC
CURRICULUM VITAE**

1. Name - Surname: Nazife Sultanoglu

2. Title: PhD. (Dr.)

3. Educational Background: PhD.

Degree	Department/Program	University	Year
Bachelor's	Medical Biochemistry	University of Manchester	2014
Master's	Medical Virology	University of Manchester	2015
PhD	Medical Microbiology and Clinical Microbiology	Near East University	2021

4. Master's / PhD Thesis

4.1. Master's Thesis Title and Thesis Advisor(s):

Human Polyomavirus Wiki – “A comprehensive source for Human Polyomaviruses helping doctors and academics during their research and diagnostics” 2015 - University of Manchester. Prof. Paul Klapper.

4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s):

COVID-19: Northern Cyprus As A Good Model To PREVENT Spread OF The Disease. 2021 - Near East University. Advisor: Prof. Tamer Sanlidag and Co-advisor: Prof. Murat Sayan.

5. Academic Titles:

Date of Assistant Professorship: -

Date of Associate Professorship: -

Date of Professorship: -

6. Supervised Master's and PhD Theses:

6.1. Master's Theses

Evaluations Of The Effect Of Determined Antiviral Against Ebola Infection Using In Silico Method.
Student: Kweaata Leemu Bomossee. Advisor: Assoc. Prof. Dr. Cenk Serhan Ozverel, Serhan Ozverel,
Co-advisor: Dr. Nazife Sultanoglu

In Silico Analysis of the Effectiveness of Various Antivirals Against Sexually Transmitted Disease Viruses,
Student: Ibrahim M. Konneh. Advisor: Assoc. Prof. Dr. Serhan Ozverel, Co-advisor: Dr. Nazife Sultanoglu.

6.2. PhD Theses -

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

1. Vasou, A., **Sultanoglu, N.**, Goodbourn, S., Randall, R.E. and Kostrikis, L.G. (2017). Targetting Pattern Recognition Receptors (PRR) for Vaccine Adjuvantation: From Synthetic PRR Agonists to the Potential of Defective Interfering Particles of Viruses. *Viruses*, 9 (186), 1-17.
2. Hincal, E., Sanlidag, T., Saad, F.T., Suer, K., Baba, I. A., Sayan, M., Kaymakamzade, B. And **Sultanoglu, N.** (2019). Dynamics and Control of HIV/AIDS in Cyprus Using Real Data. Springer International Publishing. 896. 167-177.
3. **Sultanoglu, N.**, Uzun, B. Sarigul Yildirim, F. ,Sayan, M. , Sanlidag, T.,Uzun Ozsahin, D. (2019). Selection of the Most Appropriate Antiretroviral Medication in Determined Aged Groups (≥ 3 years) of HIV-1 Infected Children. *IEEE Xplore*. 10.1109/ICASET.2019.8714457
4. Sayan, M., **Sultanoglu, N.**, Uzun, B., Sarigul Yildirim,F., Sanlidag, T., Uzun Ozsahin, D. (2019). Determination of Post-Exposure Prophylaxis Regimen in the Prevention of Potential Pediatric HIV- Infection by the Multi-criteria Decision Making Theory. *IEEE Xplore*. 10.1109/ICASET.2019.8714442
5. **Sultanoglu, N.**, Baddal, B. , Suer, K. , Sanlidag, T. (2020). Current situation of COVID-19 in northern Cyprus. *Eastern Mediterranean Health Journal*. Volume 26, Issue6, Page: 641-645.
6. Sayan, M., Ozsahin, D.U., Sanlidag, T., **Sultanoglu, N.**, Yildirim, F.S., Uzun, B. (2020). Efficacy Evaluation of Antiretroviral Drug Combinations for HIV-1 Treatment by Using the Fuzzy PROMETHEE. *Advances in Intelligent Systems and Computing*. Volume:1095, Pages 183-189
7. Sayan, M., Sanlidag, T., **Sultanoglu, N.**, Uzun, B. , Yildirim, F.S., Ozsahin, D.U. (2020). Evaluating the Efficacy of Adult HIV Post Exposure Prophylaxis Regimens in Relation to Transmission Risk Factors by Multi Criteria Decision Method. *Advances in Intelligent Systems and Computing*. Volume:1095, Pages: 167-174.
8. M. C. Ergoren, S. Paolacci, E. Manara, A. Dautaj, K. Dhuli, K.Anpilogov, G. Camilleri, H. K. Suer, M Sayan, G.Tuncel, **N. Sultanoglu**, M. Farronato, G. M. Tartaglia, M. Dundar, G. Farronato, I. S. Gunsel,M. Bertelli, T. Sanlidag. (2020). A pilot study on the preventative potential of alpha-cyclodextrin and hydroxytyrosol against SARS-CoV-2 transmission. *Acta Biomedica*. 91,e2020022, pp.1-7
9. **Sultanoglu, N.**; Sanlidag, T. (2021). Awareness, Practices, and Attitudes Toward the SARS-CoV-2 Outbreak Among Northern Cyprus Residents: A Descriptive Research Study Using an Online Survey.*MEDITERRANEAN JOURNAL OF INFECTION MICROBES AND ANTIMICROBIALS*. Volume:10, Article Number: 11

10. **Sultanoglu, N.**, Gokbulut, N., Sanlidag, T., Hincal, E., Kaymakamzade, B., Sayan, M. (2021). A Binomial Model Approach: Comparing the R-0 Values of SARS-CoV-2 rRT-PCR Data from Laboratories across Northern Cyprus. CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES. Volume:128, Issue:2, Pages:717-729.
11. Paolacci, S., Ergoren, M.C., De Forni, D., Manara, E., Poddesu, B., Cugia, G, Dhuli, K, Camilleri, G., Tuncel, G., Suer, HK, **Sultanoglu, N.**, Sayan, M., Dundar, M, Beccari, T., Ceccarini, M.R., Gunsel, I.S.,Dautaj, A, Sanlidag, S.T., Connelly, ST, Tartaglia, G.M., Bertelli, M. (2021). 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. Volume:25, Pages:81-89, Supplement: 1
12. **N. Sultanoğlu**, F. Saad, T. Şanlıdağ , E. Hınçal, M. Sayan , B. Kaymakamzade, K. Süer. (2022). Analysis of HIV Infection in Cyprus Using a Mathematical Model. Erjiyes Medical Journal. 44(1): 63-67. DOI: 10.14744/etd.2021.32855
13. U. Hurdoganoglu, B. Kaymakamzade, **N. Sultanoglu**, E. Guler, E. Hincal, K. Suer. (2022). Evaluation of ESBL resistance dynamics in Escherichia coli isolates by mathematical modeling. Open Physics. 20(1): 548-559. DOI: 10.1515/phys-2022-0054.
14. S Ozsoy, **N Sultanoglu**, T Sanlidag. (2022). The role of Mediterranean diet and gut microbiota in type-2 diabetes mellitus associated with obesity (diabesity). Journal of Preventive Medicine and Hygiene. 63 (2 Suppl 3), E87. DOI: 10.15167/2421-4248/jpmh2022.63.2S3.2751.
15. M Sayan, **N Sultanoglu**, T Sanlidag. (2023). Dynamics of Rilpivirine Resistance-Associated Mutation: E138 in Reverse Transcriptase among Antiretroviral-Naive HIV-1-Infected Individuals in Turkey. AIDS Research and Human Retroviruses .39 (2), 84-90. DOI: 10.1089/aid.2022.0065
16. **Nazife Sultanoglu**, Emine Erdag, Cenk Serhan Ozverel. (2023). A single antiviral for a triple epidemic: is it possible? Future Virology. Volume:18 Issue:10 Page:633-642 DOI: 10.2217/fvl-2023-0048
17. Emine Erdag, **Nazife Sultanoglu**, Cenk Serhan Ozverel. (2023). Is the BNT162b2 Vaccine Still Effective against the Latest Variant: XBB.1.5? Nigerean Journal of Clinical Practice. Volume: 26 Issue: 10 Pages: 1519-1524. DOI10.4103/njcp.njcp_208_23

7.2. Articles Published in Other International Peer-Reviewed Journals -

7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

1. Antalya XXXVIII. Uluslararası Türk Mikrobiyoloji Kongresi, 04-08 Kasım 2018, **Sultanoglu, N.**, Saad, F.T., Sanlidag, T., Sayan, M., Hincal, E., Kaymakamzade, B. and Suer, K. (2018). Anaylsis of HIV epidemic in Cyprus using a mathematical model.
2. Application of Fuzzy Systems and Soft Computing (ICAFS 2018) Konferans, Varşova, Polonya, Ağustos 27-28, 2018. Hincal, E., Sanlidag, T., Saad, F.T., Suer, K., Baba, I. A., Sayan, M., Kaymakamzade, B. and **Sultanoglu, N.** (2019). Dynamics and Control of HIV/AIDS in Cyprus Using Real Data. Springer International Publishing. 896. 167-177

3. M. Sayan, D. Uzun Ozsahin, T. Sanlidag, **N. Sultanoglu**, F. Sarigul Yildirim, and B. Uzun, "Efficacy Evaluation of Antiretroviral Drug Combinations for HIV-1 Treatment by Using the Fuzzy PROMETHEE" in 10th International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions - ICSCCW-2019. 2019, Prague, Czech Republic.
4. M. Sayan, T. Sanlidag, **N. Sultanoglu**, B. Uzun, F. S. Yildirim, and D. U. Ozsahin, "Evaluating the Efficacy of Adult HIV Post Exposure Prophylaxis Regimens in Relation to Transmission Risk Factors by Multi Criteria Decision Method," in 10th International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions - ICSCCW-2019, 2019, Prague, Czech Republic.
5. M.Sayan, **N.Sultanođlu**, B.Uzun, F.Sarigul, T.Sanlidag, D.U.Ozsahin. Determination of Post-Exposure Prophylaxis Regimen in the Prevention of Potential Pediatric HIV-1 Infection by the Multi-criteria Decision Making Theory. Advances in Science and Engineering Technology International Conferences (ASET). 2019, Dubai, United Arab Emirates.
6. **N.Sultanođlu**, B.Uzun, F.Sarigul, M.Sayan, T.Sanlidag, D.U.Ozsahin. Selection of the Most Appropriate Antiretroviral Medication in Determined Aged Groups (≥ 3 years) of HIV-1 Infected Children. Advances in Science and Engineering Technology International Conferences (ASET). 2019,Dubai, United Arab Emirates.
7. **Nazife Sultanođlu**, Farouk Tijjani Sa'ad, Tamer Őanlıdađ, Bilgen Kaymakamzade, Ayper Somer, AteŐ Kara, Evren Hınçal, Murat Sayan. TŐrkiye'de Pediatrik HIV Enfeksiyonlarının Epidemik Karakterinin Matematiksel Modelleme ile Belirlenmesi. 30 Ekim - 3 Kasım 2019 K.K.T.C. Limak Cyprus Deluxe Hotel, 63. TŐrkiye Milli Pediatrı Kongresi.
8. Bilgen Kaymakamzade, Murat Sayan, Farouk Tijjani Sa'ad, **Nazife Sultanođlu**, AteŐ Kara, Ayper Somer, Evren Hınçal, Tamer Őanlıdađ. TŐrkiye'de Çocuklarda HIV BulaŐ Yollarının Dinamiđi ve Matematiksel Modelleme ile Gelecek SimŐlasyonu. 30 Ekim - 3 Kasım 2019 K.K.T.C. Limak Cyprus Deluxe Hotel, 63. TŐrkiye Milli Pediatrı Kongresi.
9. Tamer Őanlıdađ, **Nazife Sultanođlu**, Bilgen Kaymakamzade, Evren Hınçal, Murat Sayan, Kaya SŐer, Buket Baddal. COVID-19 Sempozyum, Online Uluslararası Multidisipliner 26-28 Haziran 2020, Analysis and Simulation of the SARS-CoV-2 Outbreak in Northern Cyprus Using a Mathematical Model. 26-28 Haziran 2020.
10. Tamer Őanlıdađ, **Nazife Sultanođlu**, Bilgen Kaymakamzade, Evren Hınçal, Murat Sayan, Kaya SŐer, Buket Baddal. KKTC'de COVID-19 Salđının Matematiksel Modelle İzlenmesi; R0 BulaŐtırıcılık Sayısının Őnemi. TMC 2020 25-26 Aralık 2020. Çevrim İçi Mikrobiyoloji Sempozyumu.
11. **Nazife Sultanođlu**, Tamer Őanlıdađ. KKTC Halkının COVID-19 Salđınında Farkındalıđı, Uygulamaları ve Tutumlarının İncelenmesi. TMC 2020 25-26 Aralık 2020. Çevrim İçi Mikrobiyoloji Sempozyumu.
12. Mukaddes Sakallı Demirok, BaŐak Bađlama, **Nazife Sultanođlu**. Otizim Spektrum BozukluđuTanılı Çocukđa Sahip Ebeveynlerin COVID-19 aŐısı hakkındaki Bilgileri ve DŐŐŐnceleri. Isparta Otizim Kongresi 4-7 Őubat 2021.
13. Cenk Serhan Ozverel , Berna Uzun, **Nazife Sultanoglu**, Mubarak Taiwo Mustapha, Cemile Bagkur, Dilber Uzun Ozsahin, Tamer Sanlidag. Ranking the Infection Risks of Different Viruses with the Fuzzy PROMETHEE Method; Zika, a Silent Threat. TŐrk Mikrobiyoloji Kongresi Uluslararası XL 16-20 Kasım 2022, Granada Luxury Belek, Antalya.

14. Kuzey Kıbrıs'ta HIV-1 Altıptilerinin Moleküler Epidemiyolojisi ve Antiretroviral Direnç Profilleri: İlk Veri Serisi. Emrah Güler, Ayşe Arıkan, **Nazife Sultanoğlu**, Kaya Süer, Tamer Şanlıdağ, Murat Sayan. Türk Mikrobiyoloji Kongresi Uluslararası XL 16-20 Kasım 2022, Granada Luxury Belek, Antalya.
15. Muhtemel Salgınların Belirlenmesinde Yapay Zeka Modellerinin Kullanımı: İlk Salgın Hangi Virüsle? Ne Zaman? Tamer Şanlıdağ, Abdullahi Garba Usman, Cenk Serhan Özverel, Berna Uzun, **Nazife Sultanoğlu**, Cemile Bağkur, Dilber Uzun Özşahin. Türk Mikrobiyoloji Kongresi Uluslararası XL 16-20 Kasım 2022, Granada Luxury Belek, Antalya.
16. 16. ASES VII. INTERNATIONAL HEALTH, ENGINEERING AND SCIENCES CONFERENCE held in Istanbul, Türkiye, during November 24-26 2023. **Nazife SULTANOĞLU**, Nezihal GÖKBULUT, Ulaş HÜRDOĞANOĞLU, Emrah GÜLER, Evren HINÇAL, Kaya SÜER. Evaluation Of Positive Community And Hospital Acquired Pseudomonas Aeruginosa Cases With Statistical Analysis.
17. Choosing the correct antiviral for tripple epidemic: An in silico approach. Emine Erdag, **Nazife Sultanoğlu**, Cenk Serhan Ozverel. 3rd World congress on Pharmaceutics, Formulations & Novel Drug Delivery Systems - April 03-04, 2023, Barcelona, Spain.
18. 5-Bromo Benzoksazolinon Türevleri; Gelişen antibiyotik dirençlerine alternatif bir tedavi yaklaşımı olabilir mi? Cenk Serhan Ozverel, Emine Erdag, Halil Doruk Kaynarca, **Nazife Sultanoğlu**. 38. Ankem Akılcı Antibiyotik Kullanımı Kongresi, ACAPULCO KONGRE MERKEZİ / KKTC 1-4 HAZİRAN 2023.
19. Benzoksazolon Türevlerinin İn Vitro ve İn Siliko Modelde Antimikrobiyal Duyarlılıklarının Saptanması. Cenk Serhan Özverel, **Nazife Sultanoğlu**, Halil Doruk Kaynarca, Emine Erdağ, Murat Sayan, Tamer Şanlıdağ. Ulusal Klinik Mikrobiyoloji Kongresi 1-5 Kasım 2023 Bodrum.

7.4. National/international Books or Book Chapters

1. **Nazife Sultanoğlu**, Berna Uzun, Murat Sayan, Tamer Sanlidag. Evaluation of the effectiveness of adult HIV antiretroviral treatment regimens using TOPSIS; Science Direct Elsevier, 2021, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Chapter 14 - Pages 217-228, Academic Press, 2021
2. Berna Uzun, **Nazife Sultanoğlu**, Tamer Sanlidag, Murat Sayan. Evaluating the effectiveness of recommended HIV adult postexposure prophylaxis drug regimens by using fuzzy PROMETHEE, Science Direct Elsevier, 2021, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Chapter 15, Pages 229-238, Academic Press, 2021
3. Murat Sayan, Tamer Sanlidag, **Nazife Sultanoğlu**, Berna Uzun. The use of multicriteria decision-making method—fuzzy VIKOR in antiretroviral treatment decision in pediatric HIV-infected cases, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Chapter 16, Pages 239-248, Academic Press, 2021
4. Bilgen Kaymakamzade, Tamer Sanlidag, **Nazife Sultanoğlu**, Farouk Tijjani Sa'ad, Murat Sayan, Evren Hincal. Analysis and Simulation of HIV Infected Children Transmission Dynamics in Turkey Using a Mathematical Model. Decision Analysis Applied to the Field of Environmental Health, 97-106, Springer International Publishing, 2022

5. Nezihal Gokbulut, **Nazife Sultanoglu**, Tamer Sanlidag, Murat Sayan, Evren Hincal. Reliability of Covid-19 PCR Test Results with Statistical Distributions. Decision Analysis Applied to the Field of Environmental Health, 107-112, Springer International Publishing, 2022

6. **Nazife Sultanoglu**, Farouk Tijjani Saad, Tamer Sanlidag, Bilgen Kaymakamzade, Evren Hincal, Murat Sayan. Determination of the Epidemic Character of HIV Infections in Children in Turkey Using a Mathematical Model. Decision Analysis Applied to the Field of Environmental Health, 89-96, Springer International Publishing, 2022.

7. Ayşe Arıkan, **Nazife Sultanoğlu**, Tamer Şanlıdağ. Hepatit B, Güncelleme 23. Bölüm 4: Viral Hepatit B'nin Laboratuvar Tanısında Yeni Yaklaşımlar. Nobel Akademik Yayıncılık Eğitim Danışmanlık TİC. LTD. ISBN: 978-625-397-351-3.

7.5. Articles Published in National Peer-Reviewed Journals -

8. Art and Design Activities -

9. Projects -

10. Administrative Responsibilities

1. Team member responsible for updating the website desam.neu.edu.tr of DESAM Research Institute.
2. Team member responsible for creating and updating the website of the Viral Vaccine Research and Production Centre.
3. DESAM Research Institute event coordinator.

11. Memberships in Scientific and Professional Organizations

1. Türk Mikrobiyoloji Cemiyeti (TMC)
2. KKTC-TMC Platformu

12. Awards

1. Best oral presentation award.
Sultanoglu, N., Saad, F.T., Sanlidag, T., Sayan, M., Hincal, E., Kaymakamzade, B. and Suer, K. (2018). 'Analysis of HIV epidemic in Cyprus using a mathematical model'. International Symposium on Migration, Travel and Infection, 04-08 Kasım 2018, Antalya.
2. 2019 Yakın Doğu Bilim Ödülleri Sağlık Bilimleri alanında 'Genç Araştırmacı Özendirme' Ödülü.
3. 2020 Yakın Doğu Bilim Ödülleri Sağlık Bilimleri alanında 'Genç Araştırmacı' Ödülü.
4. 2021 Yakın Doğu Bilim Ödülleri Sağlık Bilimleri alanında 'Genç Araştırmacı' Ödülü.
5. 2022 Yakın Doğu Bilim Ödülleri Sağlık Bilimleri alanında 'Genç Araştırmacı' Ödülü.

13. Undergraduate and Graduate Courses Taught in the Last Two Years

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021 - 2022	Spring	TMG 107 Mikrobiyoloji	3	0	13
	Spring	MBG 107 Mikrobiyoloji	3	0	19
	Spring	BMS - Bacics of Disease Pratik Dersleri	0	4	47
	Spring	TT1 - Hastalıkların Temeli Pratik Dersleri	0	4	115
2022 - 2023	Spring	TMG 523 Tıbbi Viroloji	3	0	13
	Spring	MBG 523 Medical Virology	3	0	4
	Fall	MIC203 Basic Microbiology	3	0	14