



مركز التميز العلمي لفيروسات الأنفلونزا
Center of Scientific Excellence for Influenza
Viruses



وحدة تطوير اللقاحات والأختبارات الفيروسية
Vaccine Development and Virological Tests Unit



المركز القومى للبحوث
National Research Centre

CV Format

1. Basic Information		
Full Name in Arabic: أحمد ناجح فرج الطويل		Ahmed Nageh El-Taweel
Date of Birth: dd/mm/year	18/12/1983	
Last University Degree: Doctor of Philosophy in Microbiological Science, Virology.	Faculty, University, Country Microbiology Department, Faculty of Science, Ain Shams University, Egypt.	
Title: : Zoontic Potential of Astroviruses from Bats and Migratory Birds	Field of Specialization: Virology	
Affiliation:	Center of Scientific Excellence for Influenza Viruses, Water Pollution Research Department, Environmental Research Institute, National Research Centre (NRC), Egypt.	
Current Position:	Assistant Professor of virology	
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2. Scientific Achievements		
h index (SCOPUS only): 20	Citations (SCOPUS only): 1300	Total no. of Int. publications in SCOPUS: 50
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<p>Dr. Ahmed is currently work as a researcher in virology at the National Research Centre (NRC)'s Center of Scientific Excellence for Influenza Viruses, Water Pollution Research Department, Environmental Research Institute, Egypt. Dokki, 87 El-Behouth, Cairo, Egypt.</p> <p>In 2020, I received a Doctor of Philosophy in Microbiological Science (Major), Virology (Minor), Microbiology Department, Faculty of Science, Ain Shams University, Thesis title: Zoonotic Potential of Astroviruses from Bats and Migratory Birds.</p> <p>In 2013 I received a master's degree in Microbiological Science (Major), Virology (Minor), Botany & Microbiology Department, Faculty of Science Tanta University, Thesis title: "Study of Areas Prone to be Virus Contaminated in Nile River at Cairo and Ismailia Canal".</p> <p>My qualifications correspond to the practical and technical talents you want. During my studies, I learned how to characterize. newly emerging viruses, develop vaccines for the influenza A virus, MERS-CoV and SARS CoV2, develop antiviral drugs, host and virus interaction, pathogenicity of influenza viruses, and disinfect of enteric viruses in water with chlorine and ultraviolet light. Survey and isolation of bacteria from various sources, as well as microbial activity testing. Even more, Participating in over ten International Conferences on Science, 20 national and international research projects participation, master's and Ph.D. students under supervision, Vaccine journal reviewer, h index (SCOPUS only): 15, Citations (SCOPUS only): 608 Total number of international publications in SCOPUS: 39, and scientific awards "The Best International Scientific Publication Award" for 2018, National Research Centre (NRC), Egypt (2019).</p>		



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List 5 Recent Relevant Publications in Last Five Years

Authors <u>Underline Your Name</u>	Publication Title	Journal	Year	Impact Factor or Q-Ranking
Mina Nabil Kamel ,Yassmin Moatasim Basma Emad Aboulhoda, Mokhtar Gomaa, <u>Ahmed El Taweel</u> ,Omnia Kutkat ,Mohamed El Sayes ,Mohamed GabAllah ,Hend AbdAllah ,Refaat M. Gabre Maha M. AlKhazindar 4Ahmed Kandeil ,Pamela P. McKenzie ,Richard J. Webby ,Mohamed Ahmed Ali ,Ghazi Kayali , and Rabeh El-Shesheny	Genetic Characterization and Pathogenesis of Highly Pathogenic Avian Influenza Virus A (H5N1) Isolated in Egypt During 2021–2023	Viruses	2025	3.5
Ahmed A. Al-Mankhee Yassmin Moatasim , <u>Ahmed El Taweel</u> ,Mokhtar Gomaa ,Omar A. Rabiee ,Marwa M. Gado ,Ahmed B. Barakat ,Mohamed A. Ali , and Rabeh El-Shesheny.	Genomic Diversity and Evolution of Identified SARS-CoV-2 Variants in Iraq	Pathogens	2024	3.3
Mokhtar Gomaa, Yassmin Moatasim, <u>Ahmed El Taweel</u> , Richard J Webby, Rabeh El-Shesheny , Mohamed Ahmed Ali, Ghazi Kayali	We are underestimating, again, the true burden of H5N1 in humans. 8(8), August	BMJ Global Health	2023	8.1
Omnia Kutkat, Yassmin Moatasim, Ahmed A. Al-Karmalawy, Hamada S. Abulkhair ,Mokhtar R. Gomaa1, <u>Ahmed N. El-Taweel</u> , Ghazi Kayali, Mohamed A. Ali1, Ahmed Kandeil Ahmed Mostafa.	Robust antiviral activity of commonly prescribed antidepressants against emerging coronaviruses: in vitro and in silico drug repurposing studies	Scientific Reports	2022	4.6
Ahmed Kandeil , <u>Ahmed El Taweel</u> , Ghazi Kayali and Mohamed A. Ali	Immunogenicity and Safety of an Inactivated SARSCoV-2 Vaccine: Preclinical Studie	Vaccines	2021	5.048

Main Interest Epidemiology of respiratory viruses, Zoonotic viruses. Development of vaccinations against viruses, and evaluations.

Recent Research Project

1. Preparedness and response plan for emerging and re-emerging viral epidemics.
2. Monitor emerging and re-emerging viruses in wastewater and relevance to infections to animal and human.
3. Avian Influenza viruses at Egyptian live bird market: human and animals interface.
4. Ecology of Influenza viruses in Egypt
5. Design and development of a diagnostic tool to estimate the amount of 2019-nCoV antibodies in the blood.
6. Study on the presence of MERS antibodies in camel serum and characterization of infection- related behavioral risks
7. Development of an effective vaccination strategy against emerging virus infections