


Short CV Format

Name:	Abdullah Elsayed Mohamed Gouda	
Date of Birth:	14/01/1984	
Last University Degree – Faculty - University – Country - Graduation Date	- M.Sc.: Biochemistry , Faculty of Science, Ain Shams University, January "2020"	
Affiliation:	Biochemistry& Molecular Biology Depatment, Theodore Bilharz Research Institute	
Current Position:	Biochemist	
Contact information:	E-mail: abdullahtbri@yahoo.com Tel.: 01009313493	
Experience and Research interest:	<ol style="list-style-type: none"> 1- Molecular cloning of specific HCV virus genes etc. Core antigen for diagnosis Molecular studies in HCV patients. 2- Preparation of Nano capsules and nanoparticles as drug delivery systems. 3- Characterization of nanoparticles using both microscopic and spectrophotometric techniques 4- Testing the plasma stability, cytotoxicity and genotoxicity of new extracts/ nanopreparations. 5- Bio-analytical method validation & development. 6- Nucleic acid (DNA&RNA) extraction and purification from different biological fluids and tissues. 7- Protein and DNA characterization using different techniques (SDS-polyacrylamide gel electrophoresis, agarose gel electrophoresis.). 	
Best Five Relevant Publications and/or granted patents <i>Authors (underline your name), year, title, Journal, vol. and pages</i>		
Lesego L. Tshweu, Mohamed A. Shemis, Aya Abdelghany, <u>Abdullah Gouda</u>, Lynne A. Pilcher, Nicole R. S. Sibuyi, Mervin Meyer, Admire Dube and Mohammed O. Balogun. (2020): Synthesis, physicochemical characterization, toxicity and efficacy of a PEG conjugate and a hybrid PEG conjugate nanoparticle formulation of the antibiotic moxifloxacin. <i>RSC Adv.</i>: 10, 19770-19780.		
Other information:		

<p><u>Research projects :</u></p> <p>Member in the following Research projects.</p> <ul style="list-style-type: none">- Academy of Scientific Research and Technology (2018-2020): “Scaling-up, Production & commercialization of Real Time-PCR kit for HBV diagnosis, <i>PI: Prof. Mohamed Shemis.</i>- Ministry of Scientific Research `Egypt` & National Research Foundation `South Africa` ID:17-2-12 (2013-2018):”Nanotechnology-based drug delivery for treatment of multi-drug-resistant tuberculosis”. <i>PI: Prof. Mohamed Shemis.</i>- Academy of scientific Research and Technology (2014-2015): "Development of a Novel Assay for Direct Quantification of Unamplified Hepatitis C Virus RNA Using Gold Nanoparticles and Catalytic Signal Amplification”. <i>PI: Prof. Mohamed Shemis.</i>- TBRI - Egypt ID 97_ (2015 - 2016): "Validity of a New Histopathological Algorithm and Scoring System for Evaluation of Liver Lesions in Egyptian Patients with Chronic HCV; Correlation with Insulin Resistance and the Metabolic Syndrome".- Academy of Scientific Research and Technology (2018-2020): “Scaling-up, Production & commercialization of Real Time-PCR kit for HBV diagnosis”. <i>PI: Prof. Mohamed Shemis.</i>- STDF – DAAD, ID: 23052 (2018): “Assessment of potential synergistic or antagonistic toxicity mechanisms during co-exposition of in vitro models towards cerium dioxide nanoparticles and environmental chemicals/pharmaceuticals". <i>PI: Prof. Mohamed Shemis.</i>- TBRI, ID: 126T (2018): “Detection of Occult Hepatitis C Virus Infection in Patients Who Achieved a Sustained Virologic Response to Direct-acting Antiviral Agents”- TBRI, ID: 104 M (2018): ”_Water borne diseases risk associated with human activities in River Nile in the area of Greater Cairo with special emphasis on Schistosomiasis, Escherichia coli, Cryptosporidium and Giardia <p><u>workshops.</u></p> <p>Participate in training courses held in TBRI for students of AUC, forensic medicine specialists and for students from different Egyptian Universities</p>
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