Short CV Format

Name:	**Ayman Mohamed Sallam**	
Date of Birth:	**25 of February 1979**	
Last University Degree – Faculty - University – Country - Graduation Date	**Bachelor of Agriculture** **Cairo University** **2013**	
Affiliation:	**Theodor Bilharz Research Institute**	
Current Position:	**Specialist**	
Contact information:	**E-mail: aymansalam79@gmail.com** **Tel.:01004521202**	
Experience and Research interest:	- **Molecular diagnosis for viral, bacterial, fungal and genetic disease (HCV, HBV, CMV, HPV, T.B, Toxoplasma, cystic fibrosis, cardio-vascular disease mutation and thrombophilia genes mutations).** - **Nucleic acid (DNA&RNA) extraction and purification from different biological fluids and tissues.** - **Protein and DNA characterization using different techniques (SDS-polyacrylamide gel electrophoresis, agarose gel electrophoresis, , DNA reverse hybridization).**	
Best Five Relevant Publications and/or granted patents ***Authors (underline your name), year, title, Journal, vol. and pages***		
Other information:	**Research projects :** **Member in the following Research projects.** - **Academy of Scientific Research and Technology (2018-2020): "Scaling-up, Production & commercialization of Real Time-PCR kit for HBV diagnosis, *PI: Prof. Mohamed Shemis.*** - **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''. *PI: Prof. Mohamed Shemis*.** - **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''. *PI: Prof. Mohamed***	

	Shemis. - ***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". *PI: Prof. Mohamed Shemis*.** - ***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". *PI: Prof. Mohamed Shemis*.** - **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** **workshops.** **Participate in training courses held in TBRI for students of AUC, forensic medicine specialists and for students from different Egyptian Universities**