


Short CV Format

Name:	Omnia Ali Mohamed	
Date of Birth:	1-11-1987	
Last University Degree – Faculty - University – Country - Graduation Date	MSc. Biochemistry – Faculty of Science – Ain Shams University – Egypt – 2017	
Affiliation:	Theodor Bilharz Research Institute	
Current Position:	Assistant Researcher of Biochemistry (Biochemistry and Molecular Biology Department)	
Contact information:	E-mail: dr bio 84@yahoo.com Tel.: 01066749003	
Experience and Research interest:	<ol style="list-style-type: none"> 1. Gene synthesis using a bioinformatics tool and two steps PCR assembly. 2. Molecular cloning of different genes (e.g. human interferon-alpha, insulin like growth factor-1) into cloning and expression vectors. 3. Lab-scale and process development for limited pilot-scale production of recombinant human interferon alfa 2b. 4. Batch and Fed-batch fermentation of genetically engineered <i>E. coli</i> strains. 5. Purification of recombinant therapeutic and diagnostic proteins using fast protein liquid chromatography (FPLC) and high-pressure liquid chromatography (HPLC). 6. Detection of cytotoxic activity of recombinant therapeutic proteins using mammalian cell cultures. 7. Pegylation of recombinant protein. 	
Other information:	She took part in a National STDF project on production and pegylation of interferon-alpha (project ID: 1454) (2010-2017).	