


Short CV Format

Name:	Mona Abd-Elmotagaly Mohamed	Photo 
Date of Birth:	1-3-1959	
Last University Degree – Faculty - University – Country - Graduation Date	Helwan University PhD- Faculty of science Helwan University-Egypt 2001	
Affiliation:	Medicinal Chemistry Department Theodor Bilharz Research Institute	
Current Position:	Professor doctor	
Contact information:	E-mail: tbi200420032@ hotmail.com Tel.:01223589886	
Experience and Research interest:	<ol style="list-style-type: none"> 1. Extraction and Isolation of different natural plants classes: Saponin (Steroidal and triterpenoidal) compounds, volatile oils, iridoids, phenolic compounds (flavonoids, tannins, coumarin and phenylethanoid). 2. Structure elucidation of the compounds by ¹H-NMR and mass spectrometry (EI-MS or HRESI-MS) and the identification will be established also by the aid of the developed databases (Dictionary of Natural products (DNP) and Electronic Chemical Abstract). The new structures will be elucidated using different types of 2D-NMR experiments like ¹H-¹H COSY, HETCOR, COLOC, HMBC, HMQC and NOESY etc. X-ray crystallography also can be used for suitable cases. Absolute stereochemistry will be determined based on the properties of derivatives (e.g. Mosher derivatives), CD & ORD and NOESY spectra. 	

Best Five Relevant Publications and/or granted patents

Authors (underline your name), year, title, Journal, vol. and pages

1-Allia M. Abdou, Hossam M. Abdallah, Mona A. Mohamed, Ghada A. Fawzy and Ashraf B. Abdel-Naim (2013) A new anti-inflammatory triterpene saponin isolated from *Anabasis setifera*, *Archives of Pharmacal Research* 36:715–722

2-Rabab A. El Dib, Jacqueline Eskander, Mona A. Mohamed and Nermine M. Mohammed (2015) Two new triterpenoid estersaponins and biological activities of *Pittosporum tobira* ‘Variegata’ (Thunb.) W. T. Aiton leaves, *Fitoterapia* 106 : 272–279

3-Mona A. Mohamed, Mohamed S.A. Marzouk, Fatma A. Moharram, Mortada M. El-Sayed and Ayman R. Baiuomy (2005) Phytochemical constituents and hepatoprotective activity of *Viburnum tinus*, *Phytochemistry* 66 : 2780–2786

4-Mona A. Mohamed, Manal M. Hamed, Allia M. Abdou, Wafaa S. Ahmed and Amal M. Saad (2011) Antioxidant and Cytotoxic Constituents from *Wisteria sinensis*, *Molecules* 16: 4020-4030

5-Wafaa S. Ahmed, Mona A. Mohamed, Rabab A. El-Dib and Manal M. Hamed (2009) New Triterpene Saponins from *Duranta repens* Linn. and Their Cytotoxic Activity, *Molecules* 14: 1952-1965

Other information:

