


### Short CV Format

<b>Name:</b>	<b>Heba Raafat Mohamed</b>	<b>Photo</b> 
<b>Date of Birth:</b>	<b>30/9/1988</b>	
<b>Last University Degree – Faculty - University – Country - Graduation Date</b>	<b>Master of Science in Chemistry- Faculty of Science- Ain Shams University- 2017</b>	
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<b>Current Position:</b>	<b>Research Assistant</b>	
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<b>Experience and Research interest:</b>	<ul style="list-style-type: none"> <li>▪ Phytochemical screening of various medicinal plants in order to identify their phytoconstituents.</li> <li>▪ Extraction, isolation, purification and structure elucidation of various classes of secondary metabolites (Phytochemicals) occurring in medicinal plants.</li> <li>▪ Investigation of the different pharmacological and biological effects of the medicinal plants as well as their isolated compounds such as antioxidant, cytotoxic and antimicrobial activities.</li> <li>▪ Estimation of the total phenolic, flavonoid and flavonol contents of the medicinal plants and their correlation with their biological activities.</li> <li>▪ Different chromatographic techniques used in separation of natural products as column chromatography(CC), paper chromatography(PC), thin layer chromatography(TLC) and high performance liquid chromatography(HPLC).</li> <li>▪ Different spectroscopic tools used in structure identification of natural products as UV, IR, <sup>1</sup>H and <sup>13</sup>C NMR.</li> </ul>	

**Best Five Relevant Publications and/or granted patents**

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

El-sayed, M. M., El-hashash, M. M., Mohamed, H. R., & Abdel-lateef, E. E. (2015). Phytochemical Investigation and *in vitro* Antioxidant Activity of Different Leaf Extracts of *Salix mucronata* Thunb., *Journal of Applied Pharmaceutical Science* , 5(12), 80–85.

El-sayed, M. M., Abdel-Aziz, M. M., Abo-Sedra, S. A., Mohamed, H. R., & Abdel-lateef, E. E. (2018). Isolation and identification of certain phenolic compounds from *Salix mucronata* leaf extracts and evaluation them as antimicrobial agents. *Current Bioactive Compounds*, 15(3), 360–366.