***Curriculum Vitae***

**ADEL HAMDAN ALWAN**

**Mustansiriyah University – College of Sciences**

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 **Personal Summary:**

* Lecturer – biology department / plant pathology
* Borne: 1/7/1977
* Status : married
* Work in university since 2002
* Manager of laboratory accreditation Division - Quality Assurance and University Performance Department / Presidency of AL Mustansiriayah

 **Education:**

* Ph.D. : Plant pathology 2014 – Cairo University – College of Sciences
* M.Sc.: Plant pathology 2003 – AL Mustansiriayh University – College of Sciences
* B.Sc.: Biology 2000 - AL Mustansiriayh University – College of Sciences

 **ACADEMIC /TEACHING EXPERIENCE:**

* Assistant laboratory 2002 / Biology department - College of Sciences- AL Mustansiriayh University
* Assistant Lecturer 2003/ Biology department - College of Sciences- AL Mustansiriayh University
* Lecturer 2009/ Biology department - College of Sciences- AL Mustansiriayh University

**COURSES TAUGHT:**

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| --- | --- |
| **Undergraduate** | **Graduate** |
| * Practical part :
* Fungi- classification of fungi – fungi technology –plant physiology – plant anatomy and taxonomy
* Theoretical part :
* Fungi- classification of fungi – fungi technology- genetics
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**PROFESSIONAL AFFILIATIONS:**

* Committees / evaluation committee PhD Thesis / Mansoura / Cairo / University committees extraction of scientific research –Biology department
* Manager of laboratory accreditation Division - Quality Assurance and University Performance Department / Presidency of AL Mustansiriayah

**PUPLICATIONS:**

* [Induction of acquired resistance in strawberry calli by elicitation of fungal homogenates](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=oNeWJH0AAAAJ&citation_for_view=oNeWJH0AAAAJ:u5HHmVD_uO8C) (J Food Agric Environ 10, 750-756) 2012
* [Defense response enhancement in strawberry via elicitors](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=oNeWJH0AAAAJ&citation_for_view=oNeWJH0AAAAJ:u-x6o8ySG0sC) ( 3 Biotech 6 (2), 1-10 ) 2016
* [Molecular Identification of Rhizosphere Trichoderma spp. and Their Antagonistic Impact Against Some Plant Pathogenic Fungi](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=oNeWJH0AAAAJ&citation_for_view=oNeWJH0AAAAJ:d1gkVwhDpl0C) ( Baghdad Science Journal 13 (1), 53-65 (2016)
* [FaWRKY - 1 Gen](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=oNeWJH0AAAAJ&citation_for_view=oNeWJH0AAAAJ:9yKSN-GCB0IC) AH Alwan ncbi (2016)
* The use of willow bark legs extract for inhibition of Botrytis cineria (Journal of the college of Science, 2009)

**PROFFESSIONAL DEVELOPMENT**

* • First International Conference of plants genetically modified / college of Agriculture, Cairo University, 2012
* • Workshop for the development of education in Iraq UNESCO -Bagdad 2016
* • workshops to improve laboratory / Mustansiriyah University 2015-2016 Quality