

CURRICULUM VITAE

Dr. Atef Abd El-Mohsen Abd El-Rahman Ahmed



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| Name: | Atef Abd El-Mohsen Abd El-Rahman Ahmed |
| Personal information: | |
| Occupation: | Assistant professor of Agricultural Biochemistry, Microbiology, Immunology and Biotechnology |
| Last Scientific Degree: | Ph.D. |
| Languages: | Arabic: mother language / English: good / Russian: very good |
| Address: | Department of Agricultural chemistry, Faculty of Agriculture, Minia University, El Minia, 61517, Egypt E-mail: atefnagi2000@yahoo.com |
| Tel: | Home: +20863570130 -+20863570230 Work: +20862362333 Fax: +20862362386 Cell phone: +201019695527 |
| Date of birth: | December 26 th , 1979 |
| Marital status: | Married with two kids |
| Job history: | |
| July 2002 - October 2005 | Demonstrator in Department of Agricultural chemistry, Faculty of Agriculture, Minia University, El Minia, Egypt |
| October 2005 - 24 April 2012 | Assistant lecturer in Department of Agricultural chemistry, Faculty of Agriculture, Minia University, El Minia, Egypt |
| April 2012 till now | Assistant professor (lecturer) of Agricultural Biochemistry, Microbiology, Immunology and Biotechnology in the Department of Agricultural chemistry, Faculty of Agriculture, Minia University, El Minia, Egypt |

Scientific History and Graduation:

B. Sc. Agric. from Fac. Agric., Minia Univ., El-Minia, Egypt, in June 2000 (4 years), with very good degree.

M. Sc. in Agric. Chem, 27 Sep. 2005 from Agric. Chem. Dept., Fac. of Agric., Minia Univ., El-Minia, Egypt. The thesis was entitled " Effect Of Some Plant Products On The Immune Response Of Albino Rats Treated With Aflatoxin

Ph.D in Agric. Chem, 22 Dec. 2011 from Department of Biochemistry, Faculty of Biology and soil, Kazan (Volga region) Federal University, Kazan, Republic of Tatarstan, Russian Federation, The thesis was entitled "Effect of Egyptian soil Trichoderma and republic of Tatarstan soil Trichoderma on the individual parameters of living systems"

Teaching Activities:

1- Students of Faculty of Agriculture, Faculty of Education (Agricultural Branch) and Faculty of Specific Education

- Organic chemistry 1st year students
- Organic and inorganic chemistry 1st year-students
- Biochemistry 1st year students
- Applied biochemistry 3rd year students
- Chemistry of Food Additives and Toxins 4th students
- Field training 4th students
- Discussions 4th students

2- Diploma, Master and Doctor course students

- Qualitative analytical chemistry
- Quantitative analytical chemistry
- Amino acids
- Natural biochemistry
- Research and discussion

Scientific activity and participation in conferences, seminars and scientific societies

1- Member of Agricultural Chemistry and environment protection society, Agricultural Biochemistry Department, Faculty of Agriculture, Ain Shams University, Ain Shams, Egypt.

2- Member of the Scientific Committee and publication in the First international Conference of Minia (Environment and Community Development), organized by Minia University, 2005.

3- Member of the Scientific Committee and publication in the 8th African crop Science Society (ACSS) and Faculty of Agriculture, Minia University conference. 27-31 October, 2007

4- Member of the steering committee (implementation and follow-up conference program) in the Minia international conference for Agriculture and irrigation in the Nile Basin countries, organized by Minia University, 26th to 29th March 2012.

5- Participated with paper and recited this paper in the 8th African crop Science Society (ACSS) and Faculty of Agriculture, Minia University

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| | <p>conference. 27-31 October, 2007, Minia, Egypt. The paper was entitled "Effect of Phytic acid on liver and kidneys weight and some Biochemical parameters in Albino rats treated with Aflatoxin B₁</p> <p>6-Participated with paper in the second annual conference of agricultural chemistry and environment protection society, organized by agricultural biochemistry department – faculty of Agriculture – Ain Shams University, 25-27 march 2008. The paper was entitled " Effect of phytic acid on some immunological parameters in rats treated with AFB₁ as a cancer inducer.</p> <p>7- Participated with 2 papers and recited these two paper in the Scientific-practical conference biochemists, dedicated to the memory of Prof. Vinter, V.G. (1939-2005). History and achievements, Kazan biochemical schools, Organized by Department of Biochemistry, Faculty of biology and soil, Kazan State University, Kazan, Republic of Tatarstan, Russian Federation, 12 November 2009. The first paper was entitled " Effect of Amphotericin B on Aspergillus awamori growth " and the second paper was entitled "Using of phytic acid as an improving agent in blood and liver rats treated with Aflatoxin B₁ (AFB₁)". http://window.edu.ru/window_catalog/pdf2txt?p_id=37367&p_page=18</p> <p>8- Participated with 2 papers in the Modern problems of physiology, ecology and biotechnology of microorganisms conference, Organized by Department of microbiology, Faculty of Biology, Moscow State University, Moscow, Russian Federation, 24-27 December 2009. The first paper was entitled " Effect of Amphotericin B on growth micromycetes genus Aspergillus and the second paper was entitled "Effect of phytic acid (IP₆) on some hematological parameters and histopathological examination of liver in albino rats treated with Aflatoxin B₁ (AFB₁)".</p> <p>9- Participated with 2 paper and recited these two paper in the Minia international conference for Agriculture and irrigation in the Nile Basin countries, organized by Minia University, 26th to 29th March 2012. This first paper was entitled "Effect of treatment maize grains before planting with Trichoderma spp as bioagents on the increasing in yield" and the second paper was entitled " biopreparation for cultivation of seed viralless potato"</p> <p>10- Participated with paper in the ninth annual conference of agricultural chemistry and environment protection society, organized by agricultural biochemistry department – faculty of Agriculture – Ain Shams University, 19-21 October 2016. The paper was entitled</p> |
| <p>Publications</p> | <p>1- <u>Abd El-Rahman, A.A.</u>; Abd El-Naem, G.F.; El-Shafei, M.A. and El-Morsi, E.A. (2007). Effect of Phytic acid on liver and kidneys weight and some Biochemical parameters in Albino rats treated with Aflatoxin B₁ In the proceeding of 8th African crop Science</p> |

Society (ACSS) and Faculty of Agriculture, Minia University conference. 27-31 October, 2007, Minia, Egypt P.1765-1772.

- 2- **Abd El-Rahman, A.A.; Abd El-Naem, G.F.; El-Shafei, M.A. and El-Morsi, E.A. (2008).** Effect of phytic acid on some immunological parameters in rats treated with AFB₁ as a cancer inducer In the proceeding of the second annual conference of agricultural chemistry and environment protection society, organized by agricultural biochemistry department – faculty of Agriculture – Ain Shams University, 25-27 march 2008. 501-526.
- 3- **Morozova, J.A.; Pankova, A.V.; Skvortsov, E.V. and Abd El-Rahman, A.A. (2009).** Screening of micromycetes the genus *Trichoderma* with high xylanase activity. In the proceeding of the 13th annual symposium for Biology Students of Europe (SymBioSE 2009) Biology: Expansion of Borders. Organized by Kazan State University, Kazan, Republic of Tatarstan, Russian Federation, 30 July – 8 August 2009.
- 4- **Abd El-Rahman, A.A.; El-Morsi, E.A.; El-Shafei, M.A. and Abd El-Naem, G.F. (2009).** Using of phytic acid as an improving agent in blood and liver rats treated with Aflatoxin B₁ (AFB₁). In the proceeding of Scientific-practical conference biochemists, dedicated to the memory of Prof. Vinter, V.G. (1939-2005). History and achievements, Kazan biochemical schools, Organized by Department of Biochemistry, Faculty of biology and soil, Kazan State University, Kazan, Republic of Tatarstan, Russian Federation, 12 November 2009.
- 5- **Abd El-Rahman, A.A.; El-Morsi, E.A.; El-Shafei, M.A. and Abd El-Naem, G.F. (2009).** Effect of phytic acid (IP₆) on some hematological parameters and histopathological examination of liver in albino rats treated with Aflatoxin B₁ (AFB₁). In the proceeding of Modern problems of physiology, ecology and biotechnology of microorganisms conference, Organized by Department of microbiology, Faculty of Biology, Moscow State University, Moscow, Russian Federation, 24-27 December 2009.
- 6- **Abd El-Rahman, A.A.; Tazetdinova, D.I.; Tuchbatova, R.I.; Kuriyanova-Ashina, F.G. and Alimova, F.K. (2012).** Effect of treatment maize grains before planting with *Trichoderma SPP* as bioagents on the increasing in yield. In the proceeding of Minia International Conference for Agriculture and Irrigation in the Nile Basin Countries, organized by faculty of agriculture, Minia university, El-Minia, Egypt, 26th -29th March 2012 P.1277-1283.
- 7- **Tazetdinova, D.I.; Abd El-Rahman, A.A.; Tukhbatova, R.I.; Chastukhina, I.B. and Alimova, F.K. (2012).** Biopreparation for cultivation of seed viralless potato. In the proceeding of Minia International Conference for Agriculture and Irrigation in

the Nile Basin Countries, organized by faculty of agriculture, Minia university, El-Minia, Egypt, 26th -29th March 2012 P.1277-1283.

- 8- El-Shafei S.M.A., Abd-El-Rahman A.A., Tukhbatova R.I., Sirinovna A.M., Ivanov E.V., Akinina E.A., Voronkova J.E., Bukuru, L.C., Alimova F.K. (2012).** Rapid evaluation of black seed oil and salvia oil for antifungal activity against some plant pathogenic fungi. In the proceeding of the third international online conference: biochemistry and biotechnology, organized by the department of biochemistry, institute of fundamental medicine and biology, Kazan (Volga region) federal university, Kazan, Russian federation 19-22 November 2012. Pp 340-341.
- 9- El-Shafei, Sally, M.A., Abd-El-Rahman, A.A., Tukhbatova, R.I., Sirinovna, A.M., Ivanov, E.V., Akinina, E.A., Voronkova, J.E., Bukuru, L.C., Alimova, F.K. (2013).** Screening of ultrastructural changes in maize seedlings treated with *Trichodema*, black cumin and salvia extract. In the proceeding of the second international online scientific conference Biotechnology: Looking to the future, organized by the department of plant physiology and biochemistry, institute of fundamental medicine and biology, Kazan (Volga region) federal university, Kazan, Russian federation 26-27 March 2013. Pp 423-424.
- 10- El-Shafei, S.M.A; Abd El-Rahman, A.A.; Ivanov, E.V., Tukhbatova, R.I.; Sirinovna, A.M.; Akinina, E.A.; Voronkova, J.E.; and Alimova, F.K. (2013).** Changes in enzymatic activity of some plant pathogenic fungi treated with *Nigella sativa* and *Salvia officinalis* essential oil. In the proceeding of the second international online scientific conference, "Modern trends in agriculture dedicated to the day of the Russian agricultural workers" 10-11 October 2013. Pp.133-134.
- 11- Abd El-Rahman A.A., El-Shafei S.M.A., Ivanova E.V., Fattakhova A.N., Pankova A.V., El-Shafei M.A., El-Morsi E.A., Alimova F.K. (2014).** Cytotoxicity of *Trichoderma spp.* cultural filtrate against human cervical and breast cancer cell lines. Asian Pac J Cancer Prev, 15: 7229-7234.
- 12- Abd El-Rahman A.A., Kozlova O.V., El-Shafei S.M.A., Alimova F.K., Kupriyanova-Ashina F.G. (2014).** Changes in growth patterns and intracellular calcium concentrations in *Aspergillus awamori* treated with Amphotericin B. Microbiology. 83: 344-351.

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| | 13- El-Shafei S.M.A., Abd El-Rahman A.A. (2016). Antifungal activity of the essential oil of <i>Lupinus albus</i> against plant pathogenic fungi <i>in vitro</i> . J. Biol. Chem. 11 (4): 319-332. |
| Supervising Post-Graduate Students | 5 master-students working in the field of biological activity of plant secondary metabolites in some living systems |

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