

## Curriculum Vitae

**Name (Mr.)** : ◌Abdel-Tawab Mohammad Ata  
**Occupation** : Full Professor  
**Work Address** : Dept. of Genetics, Faculty of Agric. Minia University,  
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**Date of Birth** : ١٨/٩/١٩٦٠  
**Place of Birth** : El-Sharaina Village, Samalout, El-Minia, EGYPT  
**Nationality** : Egyptian  
**Family status** : Married, ٤ children  
**Primary Education** : From ١٩٦٦-١٩٧٢, El-awaisa Primary School, Samalout-El-Minia.  
**Prep Education** : From ١٩٧٢-١٩٧٥, Samalout Prep School, El-Minia.  
**Secondary Education** : From ١٩٧٥-١٩٧٨, Samalout Secondary School, El-Minia  
**University** : B. Sc. Agric., Faculty of Agric., Minia Univ., El-Minia, Egypt, in June ١٩٨٢ (٤ years) with average grade of very good.  
: On ١٩ Oct, ١٩٨٢ appointed as a demonstrator in Genetics Dept., Faculty of Agric., Minia Univ. El-Minia, Egypt  
: M. Sc. In Genetics, March ٩<sup>th</sup> ١٩٨٨, Genetics Dept., Faculty of Agric., Minia Univ. El-Minia, Egypt. M. Sc. Thesis was entitled “Cytological studies on rodents.”  
: On ٢٨ May. ١٩٨٨ appointed as an associated lecturer in Genetics Dept., Faculty of Agric., Minia Univ. El-Minia, Egypt.  
: On March ١٩٩١ admitted for Ph. D. degree in genetics and molecular cytogenetics. Department of cytogenetics, Vavilov Institute of General Genetics, Russian Academy of Sciences, Moscow, Russia and got the degree in April ١٩٩٤ in the field of Cytogenetics. Thesis was entitled “Comparative Analysis Of The Hybrid Dysgenesis Systems In Ontogenesis Of *Drosophila melanogaster*”  
: On June ١٩٩٤ appointed as a Lecturer in Genetics Dept., Faculty of Agric., Minia Univ. El-Minia, Egypt.  
: On April ٢٠٠١ appointed as an Associate Prof. in Genetics Dept. Faculty of Agric., Minia Univ. El-Minia, Egypt.

:On July ٢٠٠٦ appointed as a Prof. in Genetics Dept. Faculty of Agric., Minia Univ. El-Minia, Egypt.

### Languages

: Arabic: Mother tongue  
: English: Good  
: Russian: Good

### Training Courses:

- (١)- Training program in **“Electron Microscopy (Technology & Interpretation)**, Assiut University, Electron Microscope Unit, Assiut, EGYPT. March, ٢٥-٣٠. ١٩٩٥.
- (٢)- International Practical Course On **"Basics In Biotechnology"** Ain Shams Center Of Genetic Engineering And Biotechnology (ACGEB), Ain Shams University, Cairo, Egypt. Dec ٧-١٩, ١٩٩٦

### PUBLICATIONS

#### Thesis:

- Abdel-Tawab Mohammad Ata (١٩٨٨): Cytological Studies on Rodents. Minia University.
- Abdel-Tawab Mohammad Ata (١٩٩٤): Comparative Analysis of the Hybrid Dysgenesis Systems in Ontogenesis of *Drosophila melanogaster*. Vavilov Institute of General Genetics, Russian Academy of Sciences, Moscow, Russia

#### Papers:

١. El- Ashmawy, S. H; H. Z. Allam; M. M. Hussien; and **A. M. Ata** (١٩٨٨). Karyological studies in the Norway Rat, *Rattus norvegicus* from Egypt. Egypt J. Genet. Cytol., ١٧ : ١٩٥-٢٠٤.
٢. El- Ashmawy, S. H; M. M. Hussien; H. Z. Allam and **A. M. Ata** (١٩٨٨). The G- And C- Banding Karyotypes Of *Rattus rattus alexandrinus* And *R. r. frugivorus* Naturally Occurring In Egypt. Egypt J. Genet. Cytol., ١٨ : ٦٥-٧٦.
٣. El- Ashmawy, S. H; M. M. Hussien; H. Z. Allam and **A. M. Ata** (١٩٨٨). Meiotic analysis of two natural forms of Black rat. *Rattus rattus*. Minia J. agric. Res & Dev. Vol. ١٠: ١٧٣٩-١٧٥٠.

٤. El- Ashmawy, S. H; H. Z. Allam; M. M. Hussien; and **A. M. Ata** (١٩٨٩). A comparative analysis of chromosome banding between the Black rat ( $2n = 38$ , ٦٢ arms) and the Norway Rat ( $2n = 42$ , ٦٢ arms) occurring in Egypt. Proc. I. Arab. Conf. of Genetics and Cytology. Fayom, Egypt. Vol. I: ٣٣١-٣٤٠.
٥. **Ata, A. M**; M. A-H. Mahmoud and K. Z. Ahmed, (١٩٩٨): Somaclonal Variation in Bread Wheat (*Triticum aestivum* L.). I. Meiotic Analysis of Advanced Generations. Proceedings of the ٢٦<sup>th</sup> Annual Meeting of the Egyptian Society of Genetics, Sept ٢٩-٣٠, ١٩٩٨, Alexandria, Egypt, Vol. ١, pp.١٥٧-١٦٩.
٦. Gadel-Karim, S. S; **A. M. Ata** and M. A. Mahmoud (١٩٩٨). Genetical and Cytological Effects of Melatonin Drug. Zagazig J. Agric. Res. Vol. ٢٥, Pp.٢٥٩-٢٦٩.
٧. **Ata, A. M** and A. B. Shahin (١٩٩٩). Variation of G-bands in the chromosomes of *Allactaga tetradactyla*, *Jaculus jaculus jaculus* and *Jaculus orientalis* (Rodentia: Dipodidae) common in Egypt. J. Union Arab Biol., ١١(A): ٢٩٥-٣٠٩.
٨. **Ata, A. M** (٢٠٠٠). Chiasma Frequency and Terminalisation In Relation To Bivalent Sizes Of *Allactaga tetradactyla*: Dipodidea, Rodentia. J. Agric. Sci. Mansoura Univ., ٢٥(٥): ٢٥٦٩-٢٥٧٨.
٩. **Ata, A. M** and A. B. Shahin (٢٠٠٠). Electron Microscopy Study Of The Meiotic Chromosome Ultrastructure Of The Jerboas *Allactaga tetradactyla* And *Jaculus oreintalis* (Dipodidae: Rodentia) Common In Egypt. Proceeding of the ٢<sup>nd</sup> Arabic Congress of Genetics & Biotechnology, ٢٣-٢٦ Oct.
١٠. **Ata, A. M**; A. B. Shahin and H. Z. Allam (٢٠٠١). A Comparative Analysis of the Rate of Meiosis, Chiasma Frequency and Terminalization In The jerboas *Allactaga* And *Jaculus* (Rodentia: Dipodidae) In Egypt. Folia biologica (Krakow), ٤٩:١٢٩-١٣٥.
١١. Shahin, A. B and **A. M. Ata** (٢٠٠١) A Comparative Study On The Karyotype And Meiosis Of The jerboas *Allactaga* And *Jaculus* (Rodentia: Dipodidae) In Egypt. Zoology in the Middle East, (Hamburg Univ., Germany) ٢٢:٥-١٦.
١٢. **Ata, A. M**.; M. A-H. Mahmoud; H. Z. Allam and N. G. Darwish (٢٠٠٣) Cytological studies on some faba bean genotypes and their tissue culture derivatives. Proceeding of ١<sup>th</sup> National Conference of Agronomy, Fac. Environ. Agric. Sci. El Arish, Suez Canal Univ., ٧-١٠ oct., ٢٠٠٣.
١٣. Mahmoud, M. A-H.; **A. M. Ata**; H. Z. Allam and N. G. Darwish (٢٠٠٣) Molecular and biochemical identification of some Egyptian faba bean genotypes. Proceeding of ١<sup>th</sup> National Conference of Agronomy, Fac. Environ. Agric. Sci. El Arish, Suez Canal Univ., ٧-١٠ oct., ٢٠٠٣.

١٤. Mahmoud, M. A-H.; **A. M. Ata**; H. Z. Allam and N. G. Darwish (٢٠٠٣) Responsiveness of four genotypes of faba bean to *in vitro* callus induction and plantlet regeneration. Proceeding of ١٠<sup>th</sup> National Conference of Agronomy, Fac. Environ. Agric. Sci. El Arish, Suez Canal Univ., ٧-١٠ oct., ٢٠٠٣.
١٥. Elmamlouk E. A-k. H.; **A. M. Ata**; M. A-H. Mahmoud ; H. M. H. Foly and H. Z. Allam (٢٠٠٢) Cytological Features And Isozymes Profile Of Some *Allium sativum* Genotypes (Garlic) Cultivated In Egypt. Minia Journal of Agricultural Research and Development; ٢٢: ١٤٢٩-١٤٤٠.
١٦. Shahin, A. B and **A. M. Ata** (٢٠٠٤) C-banding Karyotype and Relationship of the dipodids *Allactaga* and *Jaculus* (Mammalia: Rodentia) In Egypt. Folia biologica, ٥٢:٢٥-٣١.
١٧. **Ata, A. M** (٢٠٠٥) Constitutive Heterochromatin Diversification Of Two *Allium* Species Cultivated In Egypt. Minia J. of Agric. Res. & Develop. Vol.(٢٥) No.٤ pp ٦٦٣-٦٧٦.
١٨. **Ata, A. M** and A. B. Shahin (٢٠٠٦) C-Heterochromatin and chiasma distribution in *Allactaga* and *Jacullus* (Rodentia: Dipodidae). Belgian Journal of Zoology., ١٣٦ (١): ٥٩-٦٨.
١٩. **Ata, A. M**; F. A. Nassef; A. E. Abu Salha and W. M. Abdel Hamid (٢٠٠٥) Cytogenetic studies on three species of domestic birds (Galliformes: Aves), I- Chromosome morphology and C-banding analysis. Minia J. of Agric. Res. & Develop. Vol.(٢٥) No.٥ pp ٩٧٧ – ١٠٠٠.
٢٠. **Ata, A. M**; A. A. B. Shahin and M. I. Shoulkamy (٢٠٠٦): Karyological studies of *Arvicanthis niloticus* (Rodentia: Murinae) in Egypt. Agricultural Research Journal; Suez Canal University, ٦:٣٥-٤٣.
٢١. Shahin, A.A.B; **Ata, A. M** and Shoulkamy, M.I (٢٠٠٦): Chromosomal and C- heterochromatin characterization of *Arvicanthis niloticus* (Rodentia: Murinae) in Egypt. International Journal of Zoological Research ٢(٤): ٣٠١-٣١١.
٢٢. **ATA, A. M**; FAHMY. A. M. NASSIF; AHMED. E.ABU-SALHA AND WALID. M.A. FANDY (٢٠٠٧): Cytogenetic studies on two species of domestic birds (Galliformes, aves): II- Meiotic behavior. African Crop Science Conference Proceedings Vol. ٨. pp.٧٧٧-٧٨١.
٢٣. OSMAN, S. A; **A. M. ATA** AND S. H. GAD EL-HAK (٢٠٠٧):Morphological, Germination, Bolting and Cytogenetical Characteristics of Fourteen Promising Garlic Genotypes. African Crop Science Conference Proceedings Vol. ٨. pp. ٢٠٠٥-٢٠١٢.
٢٤. Shahin, A. B and **A. M. Ata** (٢٠٠٣) C-banding Karyotype and Relationship of the dipodids *Allactaga* and *Jaculus* (Mammalia: Rodentia) In Egypt. Proceedings of the International Conference of Systematics, Phylogeny and Paleontology of Small Animals, Saint Petersburg (Russia) ٢٤-٢٧<sup>th</sup> Nov. ٢٠٠٣. pp: ٢٣١-٢٣٥.

٢٥. **Ata, A. M** (٢٠٠٥) Constitutive Hetrochromatin Diversification of Two *Allium* Species Cultivated in proceeding of ٧<sup>th</sup> African Crop Science Society Conference (ACSS) Entebbe, Uganda. ٥-٩<sup>th</sup> Dec. ٢٠٠٥.
٢٦. **Ata, A. M;** E. A. El-Mamlouk; F. A. M. Nassif and H. A. H. Soltan (٢٠٠٨) Cytotoxic Effects of Some Synthetic and Bio-Fungicides on *Vicia faba*. Minia J. of Agric. Res. & Develop. Vol.(٢٨) No.٤ pp ٦٤٧-٦٧٠.
٢٧. **Ata, A. M** and S. A-M. Osman (٢٠٠٩): Gametogenesis of two garlic clones relevant to Egyptian origin. Ninth African Crop Science Society Conference Sept., Cape town,
٢٨. Nassif, F. A. M; **A. M. Ata;** E. A. H. El-Mamlouk and H. A. H. Soltan (٢٠٠٩): Genotoxicity of some synthetic and bio-fungicides on *Vicia faba* and the yeast tester strain (D<sup>v</sup>). Egypt. J. Agric. Res., (٨٧): ٣٠١-٣١٥.
٢٩. **A. M. Ata,** M. A-H. Mahmoud; R. A-K. Ragab and Hanaa S. Hanafy (٢٠١٠): Chromosomal Studies on Egyptian Garlic during Tissue Culture Course. Proceedings of the ٢<sup>nd</sup> Minia Conference of Agriculture and Environment, March ٢٢-٢٤<sup>th</sup> pp: ٤٣٧-٤٤٥.

**M.Sc theses were finished under his supervision:-**

١. Cytological and Molecular Studies in Faba Bean Tissue Culture.
٢. Cytological and molecular studies on some birds.
٣. Morphological, karyological and electrophoretical Studies on genus *Arvicanthis* (Rodentia: Murinae) in Egypt.
٤. Genetical and cytological studies on Onion treated with Gamma rays.
٥. Studies on genetical and cytological effects of some agrochemicals on different biological systems.
٦. Genetical and cytological studies on garlic (*Allium sativum*).

**Running Scientific Supervision on M.sc thesis entitled as follow:**

- ١- Genetical and cytological studies on bread wheat gameto-clones.

**Running Scientific Supervision on (٥) Ph.D thesis entitled as follow:**

- ١- Genetical and chemical studies in some members of the *Alliaceae* and *Cruciferae* families.
- ٢- Molecular cytogenetic studies on duck.
- ٣- Genetical and Molecular studies on some garlic clones.
- ٤- Cytological and biochemical studies on some species of Egyptian birds (class: Aves).

## CONFERENCES

١. All local and international scientific conferences of Egyptian Society of Genetics and cytology.
٢. Certain seminars of Faculty of Agriculture in Minia Univ.
٣. Some periodical conferences of Egyptian Society of Agronomy and plant breeding.
٤. The Arabic conferences of Horticulture.

### **Member in Organization Committee of the following conferences:**

١. ٢<sup>nd</sup> Arab Congress of Genetics and Biotechnology “Challenges of Genetics and Biotechnology in the third Millennium.” Oct. ٢٣-٢٦ (٢٠٠٠), Minia Univ.
٢. ١<sup>st</sup> Minia Conference for Agricultural and Environmental Sciences. March ٢٥-٢٨ (٢٠٠٢), Minia, Egypt.
٣. Minia International Conference “Towards a Safe and Clean Environment” TSCE ,٠٥. April ١٥-١٨ (٢٠٠٥), Minia, Egypt.
٤. ٨<sup>th</sup> African Crop Science Society Conference ٢٧- ٣١ October ٢٠٠٧- El-Minia, Egypt.
٥. ٢<sup>nd</sup> Minia Conference for Agricultural and Environmental Sciences. March ٢٢-٢٤<sup>th</sup> (٢٠١٠), Minia, Egypt.

## REFERENCES

١. Prof. H. Z. Allam, Prof. of Plant Genetics, Department of Genetics, Faculty of Agriculture, Minia University, El-Minia, Egypt, Tel : ٠٢-٠٨٦-٢٣٢٢٣٣٣.
٢. Prof. R. A. Ragab, Pro. of Molecular Genetics, Department of Genetics, Faculty of Agriculture, Minia University, El-Minia, Egypt, Tel: ٠٢-٠٨٦-٢٣٢٢٣٣٣.