



CURRICULUM VITAE

Personal Information

Name Khalid Abdalla Ali AbdelRahim

Date of birth 1969/8/30

Nationality Egyptian

Marital status Married – 5 kids

Academic degree PH.D in Molecular Microbiology – Goettingen university – Germany 2005.

Current position Associate professor in botany and microbiology department – College of science – King Saud university – Saudi Arabia

Specialization Molecular Microbiology.

Communication

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Academic Qualifications

- 1 PH.D in Molecular Microbiology – Goettingen university – Germany 2005
- 2 M.Sc. in Microbiology – Sohag university – Egaypt - 1998
- 3 B.Sc. in Botany and Microbiology

M.Sc. Title Isolation of Diroun degrading bacteria and the role of plasmids in degradation of herbicide “Diroun”.

Ph.D. Title Phenotypic and genetic characterization of newly isolated phytopathogenic Xanthomonads

Appointments & other professional activities

- 1- Academic Accreditation coordinator of botany and microbiology department, King Saud University, Saudi Arabia. 2012 – Now.
- 2- Member in Accreditation Council at college of science, King Saud University 2012 – Now.
- 3- Coordinator of Assessment and Academic accreditation committee in botany and microbiology department, college of science, King Saud University 2012 – Now.
- 4- Member in employment and graduation committee in botany and microbiology department, college of science, King Saud University 2014 – Now.
- 5- Writing of Microbiology program SSR in botany and microbiology department, college of science, King Saud University according to Saudi NCAAA (National Commission for Academic Accreditation and Assessment) standards.

- 6-** Assessor in National Authority of quality assurance and accreditation of education – Egypt. 2011 – Now.
- 7-** Internal academic accreditation assessor in college of science, Sohag University – Egypt till 2012.
- 8-** Coordinator of 7 th Framework Programme for Research and Technological Development of Sohag University – Egypt. 2009 – 2012.
- 9-** Head of training and human resources unit, college of science, Sohag University – Egypt. 2010 – 2012.
- 10-** Vice head of central laboratory of Genetic Engineering, Sohag University, Egypt. 2005 -2012.

Career

- 1-** Demonstrator in botany and Microbiology department, college of science, Sohag University, Egypt. 1992 – 1998.
- 2-** Assistant lecturer in in botany and Microbiology department, college of science, Sohag University, Egypt. 1998 – 2005.
- 3-** Lecturer in in botany and Microbiology department, college of science, Sohag University, Egypt. 2005 – 2015.
- 4-** Assistant prof. in botany and Microbiology department, college of science, Sohag University, Egypt. 2015 – Now.
- 5-** Assistant prof. in botany and Microbiology department, college of science, King Saud University, Saudi Arabia. 2012 – Now.

Fellowships

Ph.D fellowship in Germany (financed by the Egyptian Government) 1999 – 2005.

Academic and Research Experiences.

- 1-** Qualitative and quantitative PCR
- 2-** Traditional and modern (AFLP, ITS, 16rRNA) bacterial identification.
- 3-** Antibiotic sensitivity tests.
- 4-** Genomic and plasmid DNA extraction.
- 5-** DNA Fingerprinting techniques.

Training and Workshops.

1- In Field of Accreditation and Quality Assurance

- Workshop in self-evaluation of pre-university education institutions. National Authority of quality assurance and accreditation of education – Egypt 201/6/3 – 5/30 .
- Workshop in Learning outcomes and curriculum maps National Authority of quality assurance and accreditation of education – Egypt 2010/6/10- 6/6.
- Workshop in External Audit of pre-university education institutions National Authority of quality assurance and accreditation of education – Egypt 2010/6/17 – 6/13 .
- Training course in awareness of ISO/IEC 17025. National quality institute 28/09/2011.

2- Participating as trainer and trainee in many workshops in Education and Research.

Courses being Taught

- 1- General Microbiology.
- 2- Microbial Genetics.
- 3- Bacteriology.
- 4- Molecular biology.
- 5- Diagnostic microbiology.
- 6- Virology.

Supervision

1- Graduation projects

Supervising more than 20 graduation projects in the field of Microbiology

2- Thesis

No.	Thesis title	Year	Thesis type
1	Genetic multiplicity of alpha-tumor necrosis factor in patients who suffer from nose adenoids manifold accompaniment to the sensitivity of the chest	2014	Ph.D.
2	Plasmid incidence in bacteria isolated from agricultural soil and its role in bioremediation.	2007	M.Sc.
3	Genetics and biochemical Studies on Mycobacterium tuberculosis strains isolated from patients belong to different regions in Egypt	2012	M.Sc.

4	Some Ecological and Physiological Studies on halophilic Bacteria Isolated from the Red Sea	2012	M.Sc.
5	Bacteriological Assessment of Different Water Resources in Sohag governorate	2013	M.Sc.
6	Study on some human pathogenic bacteria from urine and wounds of diabetic and no-diabetic persons.	2015	M.Sc.

Languages

- 1- Arabic (mother language)
- 2- English (writing and speaking: Very good)
- 3- German (writing and speaking: Very good).

Journal Reviewing

- 1- Reviewer in Journal “**Science of The Total Environment**” Elsevier – Impact factor 4.
- 2- Reviewer in Journal “**Indian Journal of Microbiology**” Springer – Impact factor 1.1.

LIST OF PUBLICATIONS

- 1- Sulaiman Ali Al Yousef, **Khalid Abdullah Ali AbdelRahim**, Asmaa O. Ahmed, **Khalid Salmeen Almaary and Ahmed Mohamed Ali Mohamed (2016)**. Diagnosis of Pulmonary Tuberculosis and Detection of Resistance to ifampin and Isoniazid through Direct Molecular Methods in Stool Samples. Annals of Clinical & Laboratory Science, vol. 46, no. 6, 2016.
- 2- **Khalid AbdelRahim**, Sabry Younis Mahmoud, Ahmed Mohamed Ali, Khalid Salmeen Almaary, Abd El-Zaher M.A. Mustafa, Sherif Moussa Hussein (in press). Extracellular biosynthesis of silver nanoparticles using *Rhizopus stolonifer*. Saudi Journal of Biological Sciences. [doi:10.1016/j.sjbs.2016.02.025](https://doi.org/10.1016/j.sjbs.2016.02.025).
- 3- **Khalid AbdelRahim** and Ahmed Mohamed Ali (2015). Bactericidal and Antibiotics synergistic effect of Nanosilver against Methicillin-Resistant staphylococcus aureus. . Jundishapur Journal of Microbiology 8(11). DOI: 10.5812/jjm.25867.
- 4- Magdy A. Abu-Gharbia, **Khalid A. Ali**, Mohamed M. Abd El-Fatah (2015). Bacterial Prevalence in Urine, Burns and Wounds in Diabetes and non-Diabetes. Egyptian Journal of botany and Microbiology. 2 (Special issue 2015).
- 5- **Khalid A. A. AbdelRahim**, Ahmed M. Hassanein, Heikal A. Abd El- Azeiz (2015). Prevalence, plasmids and antibiotic resistance correlation of enteric bacteria in different drinking water resources in Sohag, Egypt. Jundishapur Journal of Microbiology 8(1): e18648. DOI: 10.5812/jjm.18648
- 6- **Khalid A. Ali AbdelRahim** and Ahmed Mohamed Ali Mohamed (2014). Prevalence of Extended Spectrum β -lactamase-Producing *Klebsiella pneumoniae* in Clinical Isolates. Jundishapur J Microbiol. 2014 November; 7(11): e17114. DOI: 10.5812/jjm.17114.
- 7- **Khalid A. Ali AbdelRahim**, El-Sayed Mohamed Soltan, Magdy A. Abu-Garbia, and Fathia El-Zien (2014). Heavy Metals and Antibiotics Resistance of

Halophilic Bacteria Isolated from Different Areas in Red Sea, Egypt. Egypt. Acad. J. Biolog. Sci., 6(1): 77 – 89.

- 8- **Khalid A.A. AbdelRahim, A.M. Hassanein, M. Sabry Younis and A. Abd El-Azeiz Heikal 2013.** Correlation Between Physicochemical and Microbiological Characteristics of River Nile Water in Sohag Governorate, Egypt. J. Pure and Applied microbiology. Vol. 7(Spl. Edn.), p. 63-77.
- 9- **Khalid A. Ali AbdelRahim 2013.** Resistance and Genetic Discrimination of *Shigella flexneri* Strains, using ERIC and ITS PCR. J. Pure and Applied microbiology. December, Vol. 7(4), p. 2947-2955.
- 10- **Khalid A. Ali AbdelRahim 2013.** Evaluation of Nitrate Reduction Assay as a Simple Procedure for Drug Susceptibility Testing of *Mycobacterium tuberculosis*. J. Pure and Applied microbiology. Vol. 7(3) p-2179-2182
- 11- **Khalid A. Ali AbdelRahim, Abdullah A. Al-Arfaj, Ashraf M. A. Mashaly and Klaus Rudolph 2013.** Plasmids in races of *Xanthomonas axonopodis* pv. *malvacearum* (Xam), the causal agent of bacterial blight of cotton. African Journal of Microbiology Research Vol. 7(9), pp. 807-813.
- 12- **Abdullah A. Al-Arfaj, Khalid A. A. Abdelrahim, Sobhy M Yakout3 and Sherif, H. Abd- Alrahman 2013.** Rapid mini-prep isolation of high quality small and large plasmids from phytopathogenic Gram negative bacteria. African Journal of Microbiology Research Vol. 7(15), pp. 1415-1420.
- 13- **AbdelRahim, Khalid Abdalla Ali, and Ali, Ahmed Mohamed 2012.** Genetic and Biochemical studies on *Mycobacterium tuberculosis* in Egypt, (concept and Methods). Cuvillier Verlag Göttingen 2012.
- 14- **AbdelRehim, Khalid Abdalla Ali, Soltan, El-Sayed Mohamed and Ali, Ahmed Mohamed 2011.** RAPD analysis and antibiotic susceptibility for *Mycobacterium tuberculosis* strains isolated from different locations in Egypt. Malaysian Journal of Microbiology, Vol 7 (3), pp. 139-145.
- 15- **AbdelRehim Khalid A. A. and Elsaid M. Soltan 2010.** RAPD analysis and antibiotic susceptibility for *Mycobacterium tuberculosis* strains isolated from different locations in Egypt. Accepted in Fourth Saudi Science Conference March 21-24th , 2010 p. 44. Biology Abstracts.

- 16- Abdel-Sabour G. A. KHALED, Obiadalla H. A. and AbdelRehim K. A. 2009.** Genetic and chemical analysis of seed coat of cowpea and bean cultivars in relation with resistance to weevil pest. Accepted in Journal of Crop Science and Biotechnology.
- 17- Bahig A. E., Aly E.A., Khalid A. A. and Amel K.A. 2008.** Isolation, characterization and application of bacterial population from agricultural soil at Sohag Province, Egypt. Malaysian Journal of Microbiology, Vol 4(2) 2008, pp. 42- 50.
- 18- H. A. Obiadalla Ali, A. A. Hemeida, and K. A. A. AbdelRehim 2006.** Assessment of genetic relationships among five onion (*allium cepa*) cultivars using morphological traits and RAPD markers. Iter. Conf. Genetic engineering & Its application (Nov., 14 – 17 2006: 11 – 24).
- 19- AbdelRehim K (2005).** Phenotypic and genetic characterization of newly isolated phytopathogenic xanthomonads. Dissertation, Göttingen University. Cuvillier Verlag Göttingen 2005.
- 20- AbdelRehim, K.; Mavridis, A.; Rudolph, K., 2004.** Physiological, chemotaxonomical and genetic characterization of new Xanthomonas strains isolated from different host plants. Mitt. Biol. Bundesanst. Land- und Forstwirtschaft. 396, 531.
- 21- AbdelRehim, K.; Mavridis, A.; Rudolph, K., 2004.** The plasmid pattern of different races of the phytopathogenic bacterium Xanthomonas axonopodis pv. Malvacearum causing bacterial blight of cotton. Mitt. Biol. Bundesanst. Land- und Forstwirtschaft. 396, 560.
- 22- AbdelRehim, K.; Rudolph, K., 2002.** Sensitivity to antibiotics and heavy metals and plasmid profile for characterization of different races of *Xanthomonas campestris* pv. *malvacearum* from different origins. In 8 th International Symposium (New Aspects of Resistance Research on Cultivated Plants Bacterial Diseases) November 15-16, 2001, Aschersleben, Germany.
- 23- AbdelRehim, K.; Rudolph, K., 2001.** Comparison between the plasmid profiles of two different races of *Xanthomonas campestris* pv. *malvacearum* causing bacterial blight of cotton. Abstract in Phytomedizin März 2001 Nr. 1. p.42.

- 24- B. A. El-Deeb, S. M. Soltan, A. M. Ali, K. A. Ali 2000.** Detoxification of the Herbicide Diuron by *Pseudomonas* sp. *Folia Microbiol.* **45** (3), 211-216.
- 25- El-Deeb, A.B., A.M. Ali, and K. A. Ali. 2000.** Some evidence for the involvement of plasmid in Diuron herbicide degradation. *Acta Microbiol. Immunol. Hungarica* **47**