



Curriculum vitae of: KHADIJA FARAJ MOHAMED AL-ARABI EISHEREF.

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– **NAME:** KHADIJA FARAJ AL-ARABI EI-SHEREF.

_SEX: Female –**BIRTH:** ELSABRI- BENGHAZI – LIBYA 16 – 6 -1955

– **SOCIAL:** MARRIED – MOTHER TO 5 – GRANY TO 8 CHILDREN.

– **STUDIES: PRIMARY SCHOOL:** JUNE – 1969 – EL_SABRI- BENGHAZI

– **PREPARATORY:** JULY – 1972

– **SECANDARY SCHOOL:** JULY – 1975

– **B. SC. IN AGRICULTURAL SCIENCE AT PLANT PROTECTION DEPARTMENT**

**COLLEGE OF AGRICULTURE: UNIVERSITY OF OMAR EL-MOKTAR – EL-
BEIDALIBYA**

JULY – 1979.

– ASIGNED AS T. A. HOLDING SCHOLARSHIP IN THE SAME DEPARTMENT AND
UNIVERSITY IN APRIL 1980.

– **ENGLISH COURSE AND TOEFL EXAMS WITH (B) GRADE (1981).**

– **MASTER DEGREE:** IN PLANT PROTECTION (PLANT PATHOLOGY) – FROM
TRIPOLI

UNIVERSITY, PLANT PROTECTION DEPARTMENT - APRIL – 1985. WITH TITLE OF
THE THESIS: (DISTRIBUTION AND PATHOGENCITY OF *FUSARIUM OXYSPORUM*
ISOLATES ON TOMATO CROP IN COASTAL REGIONS OF LIBYA). PUBLISHED IN 2
PAPERS IN *PHYTOPAHTHOLOGICA HUNGARICA*.

–YEARS: 1985 – 1991 SPENT WITH MY HUSBAND IN HUNGARY , FOLLOWING HIS PH. D. STUDY. LIKE MOST STUDENTS ACCOMPANIED WERE PANNED TO FOLLOW OUR STUDYING AT TIME BEING THERE.

– 1991- : JOINED THE UNIVERSITY OF OMAR EL-MOKTAR (1991) THEN TRIPOLI UNIV. - PLANT PROTECTION DEPARTMENT - AS A STAFF MEMBER.

_ (1993-1996)

– TEACHING SUBJECTS: BOTANY- PLANT PATHOLOGY

– 1996-SEPTEMBER: JOINED UNIVERSITY OF HORTICULTURAL SCIENCES (CORVINUS UNIV.) – BUDAPEST – HUNGARY STUDYING AND RESEARCH WORKING FOR THE REQUIRMENTS OF Ph.D.

–COURSES I PASSED WITH (A-B GRADES) WERE: PHYTOBACTERIOLGY, BIOLOGICAL CONTROL, PHYSIOLOGY OF PLANT DISEASES, PLANT DISEASES AND CONTROL IN HUNGARY, COMP.STATSTICS, COMPUTER SCIECNCE, AND PRACTICAL WORK IN APPLICATION OF BIOCONTROL IN HUNGARIAN ORCHRDS.

–ATTENDED MANY CONFERNCES AND WORKSHOP HELD IN AND OUTSIDE HUNGARY.

–PARTICEPATING YEARLY IN HUNGARIAN PLANT PROTECTION DAY CONFERENCE IN HUNGARY DURING MY STUDYING..

–INTERNATIONAL AND NATIONAL CONFFERENCES: (1998) - 8TH FIRE BLIGHT CONF. IN KUSADASI - TURKEY

– (1997- 2001): HUNGARIAN PLANT PROTECTION CONF. BUDAPEST.

– (1997-2000): NATIONAL VAS -KAROL- JANOS - LIPAY AND TEMPUS CONF. IN BUDAPEST – HUNGARY.

– PARTICEPATING WITH PLANT PROTECTION INSTITUTE – BUDAPEST I CARRIED OUT MANY EXPERIMENTAL WORKS ON SYSTEMIC RESISTANCE IN TRANSGENIC PLANTS UNDER SUPERVISING OF PROF. K . & LAURANT ZOLTAN ,
_ ISOLATION OF NEW BACTERIA FROM OLEANDER KNOTS IN HUNGARY "

Pseudomonas syringae ssp. *savastanoi* AND ITS PHYTOHORMONS.AND

_ PUBLISHED IN PAPERS AS PART OF REQUIREMENTS FOR Ph.D. DEGREE AS ASSISTANT PROFFSOR.

BESIDE MY MAIN Ph.D. RESEARCH ON BIOCONTROL OF BACTERIAL DISEASES.

_ PASSED EQUALIFYING EXAM. WITH (SOMA KLAUD. 93%) and INTERNAL DEFENCE EXAM. (4-GRADES).

– IN JUNE - 2002: IN PARTIAL FILLFULMENT OF THE REQUIRMENTS FOR PHYLIOSOPHY OF DOCTOR(**Ph.D.**) DEGREE IN PLANT PATHOLOGY FROM GODOULO UNIV. SUCCEDED ALL DEGREE EXAMS. AT (LEVEL A: 93)

– THE Ph.D. DESSERTATION TITLE IN BIOLOGICAL CONTROL: (NOVAL ANTAGONISTIC BACTERIA AS PROSPECTIVE AGENTS FOR THE BIOCONTROL OF SOME PLANT BACTERIAL DISEASES)

– PUBLISHED MANY PAPERS IN THESE CONFERENCES AND OTHERS DIRECTLY PUBLISHED IN SCIENTIFIC MAGAZINES.

– NOW I AM TEACHING IN PLANT PROTECTION DEPARTMENT: BOTANY, BACTERIAL DISEASES, MICROBIOLOGY, METHODS IN PLANT PATHOLOGY, HORTICULTURAL DISEASES AND PLANT PATHOLOGY AS UNDER GRADUATE COURSES – AND BIOLOGICAL CONTROL, DIAGNOSIS OF PLANT DISEASES, SEED PATHOLOGY AND ADVANCE MICROBIOLOGY AS GRADUATE COURSES.

– PARTICEPATED IN DATE PALMES AND OLIVE DEVELOPMENT AND IMPROVMENT CENTER AS A TEAM MEMBER FOR SURVYEING OLIVE DISEASES IN WESTERN REGIONS OF LIBYA CARRYING OUT ON THE FIELD TRIP. DATA WERE PUBLISHED IN FIRST OLIVE TREE CONF. HELD IN GARIAN -LIBYA (2007).

- PARTICEPATED IN BIOTECHNOLOGY CONFERNCES HELD IN TUNISIA, SUBRATAH (2008), ELBIADA,(2011),MOSRATAH (2013) WITH PAPERS AND LECTURES IN BIOCONTROL SUBJECTS.

- SUPERVISED MANY MASTER DEGREE STUDENTS ALREADY GRADUATED FROM THE DEPARTMENT OF PLANT PROTECTION-FACULTY OF AGRICULTURE AND BOTANY SCIENCE DEPARTMENT- FACULTY OF SCIENCE, TRIPOLI UNIVERSITY AND LIBYAN ACADEMY OF SCIENCE DURING LAST TWENTY YEARS.

- I PARTICIPATED IN MANY WORKSHOPS ABOUT QUARANTINE AND PROTECTION OF ENVIRONMENT IN LIBYA.

- DURING MY CAREER WORK I PUBLISHED MANY ARTICLES IN AND AT
DIFFERENT SUBJECTS AND PLACES:

PUBLICATIONS.

1. السوكني ، هناء عامر؛ خديجة فرج العربي و عبد النبي محمد أبوغنية. 2018. تعريف البكتيريا المسببة لمرض تعقد أغصان الزيتون في بعض مناطق غرب ليبيا . مجلة جامعة بن وليد للعلوم الانسانية والتطبيقية . العدد الثامن .148-127.
2. العربي، خديجة فرج، نورية علي العامري، خيرية مصباح ذياب، منى مختار فريوان، الزروق أحمد الدنقلي(2007): حصر للأمراض المعدية على أشجار الزيتون بالمناطق الغربية من ليبيا. مؤتمر الزيتون – غريان - ليبيا. مجلة جامعة ناصر العدد الرابع، الصفحات:
3. العربي، خديجة فرج، العامري، نورية علي، والصقر ريماء مختار (2013): اختبار تأثيرات عزلتين من فطر الترايكوديرما على نمو وتطور عزلات محلية للكائن المسبب لمرض العفن القطني *Sclerotinia sclerotiorum*. وقائع المؤتمر السادس للتقنيات الحيوية (21 – 23 - 2013) - مصراته - ليبيا. الصفحات 158-173.
4. العربي، خديجة فرج؛ نجاه خليفة الغرياني؛ الهام حسن الوارد، الزروق أحمد الدنقلي وربيعة محمد الكوت. (2013). تأثير أنواع السماد الطبيعي على الكائنات الدقيقة في محيط جذور نباتات الطماطم. مجلد 4 العدد (7): 650-643. مجلة وقاية وأمراض النبات. جامعة المنصورة. مصر.
5. العربي، خديجة فرج؛ الغرياني، نجاه خليفة؛ البي، عمر عمران و أبوشاقور، محمد-رضا محمد. (2017). القدرة الإمراضية لفطري *Verticillium dahliae* و *Phialophora cyclaminis* على بعض محاصيل العائلة الباذنجانية وتأثير عزلة محلية من الفطر المضاد *Trichoderma longibrachiatum* على هذين الفطرين. مجلة الليبية للعلوم الزراعية. المجلد (22): العددان 1&2: 61-73. كلية الزراعة - جامعة طرابلس.
6. الغرياني، نجاه خليفة، خديجة فرج العربي، نورية علي العامري، منى مختار فريوان، خيرية مصباح ذياب، عواطف محمد الرياني، الزروق أحمد الدنقلي (2008). تأثير فاعلية راشح عزلات فطر *Trichoderma* المحلية على بعض الفطريات الممرضة لأشجار نخيل التمر بليبيا. كتيب وقائع مؤتمر التقنيات الحيوية الخامس – صبراتة- ليبيا.

7. الغرياني، نجاه خليفة؛ العربي؛ خديجة فرج؛ البوزيدي، زينب الصادق والنفاتي، رويدا سراج الدين. (2017). تأثير المستخلص المائي لبذور الحلبة *Trigonella foenum-graecum L.* على الفطريات المرافقة لبعض البذور البقولية المخزونة. مجلة وقاية النباتات الليبية. المجلد (7):1-14 .
8. الغويل، حميدة سالم، خديجة فرج العربي وهيفاء محمد دوزان. 2021. تقييم كفاءة تضاد أربعة عزلات من فطر *Trichoderma* مع أربعة عزلات من فطر *Rhizoctonia solani* K مسبب مرض القشرة السوداء في البطاطس معمليا. مجلة جامعة مصراتة للعلوم الزراعية. المجلد (1) العدد الثاني. الصفحات:
9. شياري، هدى المبروك ، خديجة فرج العربي، عبد النبي محمد أبوغنية. (2016). دراسة التنوع الحيوي للفطريات في ترب بساتين الزيتون في بعض مناطق طرابلس وجبل نفوسه. مجلة العلوم الزراعية والبيولوجية المجلد 3 (1) 9-17.
10. Hevesi, M. T. , K. **AI-ARABI**, Toth, G., Göndör, M., Papp, J., Honty, K., and Kása K., (2004): Development of Eco-friendly strategies for the control of fire blight in Hungary. Pologna Conf. Italy (*Acta Horti*. No. 704: pp.345-348).
11. **AI-ARABI**, K. F., Elamri, N. A., ElGariani. N. K., Frewan, M. M., Diab. K. M., A. Elriani, A. and Edongali. E. A. (2012).The antagonistic effects of culture filtrate of local isolates of *Trichoderma* spp. against some olive trees fungal pathogens. The Libyan journal of plant protection 2(2): 43-54.
12. **AI-ARABI**, K. F. (2003): Affectivity of antagonistic bacterial strain *Pantoea agglomerans* (HIP32) on disease reduction of *Xanthomonas vesicatoria* on tomato and pepper plants Symposium of 8th Arabic Plant Protection Conf. El-Bieda – Libya.
13. **AI-ARABI**, K. F. and A. M. Abughnia (1998): Distribution of *Fusarium* spp. of tomato from different regions in Libya. *Acta Phytopathol. and Entomologica Hungarica* 33: 107- 110.
14. **AI-ARABI**, K. F. and A. M. Abughnia (1998): Pathogenicity of *Fusarium oxysporum* f. sp. *Lycopersici* isolates on tomato cultivars and solanaceous crops in Libya. *Acta Phytopathol. and Entomologica Hungarica* 33: 101–106.
15. **AI-ARABI**, K. F. and M. Hevesi (1998): A preliminary study of bacterial antagonists to phytopathogenic bacteria. Tempus Programs. University of Horticulture and Food Industry, Budapest, Hungary, 1998. May 25–June 5.
16. Hevesi, M., K. F. **AI-ARABI** and L. Kiraly (1998): *Erwinia carotovora* ssp. *carotovora* cannot induce systemic acquired resistance to bacterial growth and necrotic symptoms in a transgenic tobacco that expresses salicylate hydroxylase. *Acta Phytopathol. et Entomologica Hungarica* 33: 223–238.
17. Szatmari, Sz., K. F. **AI-ARABI** and M. Hevesi (1998): First report of a new knot-forming bacterium in Hungary. “Lippay Janos–Vas Karoly” National Conference, 1998.

September 16–18., Budapest. 341

18. **AI-ARABI**, K. F., J. Papp, E. Jambor-Benczúr and M. Hevesi (1998): Phytohormone production of *Pseudomonas syringae* ssp. *savastanoi*. “Lippay Janos–Vas Karoly” National Conference, 1998. September 16–18., Budapest. 303.

19. Hevesi, M. and K. F. **AI-ARABI** (1998): Isolation of epiphytic bacterium antagonistic to *Erwinia amylovora*. 8th International Workshop of Fire Blight. Kusadasi. Turkey. 12–15. October. *Acta Hort.* 489, ISHS (1999) 619–622.

20. **AI-ARABI**, K. F. and M. Hevesi (1999): Isolation of antagonistic bacteria effective against plant pathogenic bacteria. 45th Plant Protection Days. Budapest, Hungary. 1999. Feb. 23–24., 167.

21. Kiraly, L., K. F. **AI-ARABI** and M. Hevesi (1999): *Erwinia carotovora* ssp. *carotovora* cannot induce systemic acquired resistance in tobacco against necrosis caused either by bacterium reproduction or by a bacterium and virus pathogen. 45th Plant Protection Days. Budapest, Hungary, 1999. Feb. 23–24., 107.

22. **AI-ARABI**, K. F., M. Hevesi and K. Csizmar (2000): Reduction of disease severity on tomato and pepper seedlings caused by *Xanthomonas vesicatoria* with antagonistic bacteria “Lippay Janos–Vas Karoly” National Conference, 2000. November Budapest, 377.

23. Hevesi, T M., Buban, J. Dobranszki, E. Benczúr-Jambor, **K. F. AI-ARABI** and J. Papp (2000): Susceptibility of leaves of apple cultivars to *Erwinia amylovora* by in vitro methods. “Lippay Janos–Vas Karoly” National Conference, 2000. November 6-7. Budapest, 391.

24. Hevesi, T. M. and **AI-ARABI**. K. F. (2006): *Pantoea agglomerans* is effective against different plant bacterial diseases. Published in – work groups 1-4 Cost Action 864 (EFS) – (Pome fruit Health Research In Europe: Current status. Wien – Austria - <http://www.cost864.eu>.

25. El-Geblawi, A . M., **AI-ARABI**, K. F. and El-Soukni, H. A. (2017). Identification of *Pseudomonas savastanoi* isolated from olive knot groves in some western regions of Libya using DNA - RAPD analysis assay. Al Zeitouna Journal of Agricultural and Biological sciences. vol.3 (2):92-103.

26. El-Geblawi, A. M.; Fawzi S. Adam; Khadija F. **AI-ARABI**; Amina A. El-Gammudi; and Fatima I. Ben Amer. 2019. Antibacterial activities of the commercial apple vinegar and red grape vinegar against some isolates of plant pathogenic bacteria. Libyan Journal of Plant protection. (2):21-31.