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**Academic Curriculum Vitae**

**Personal Information:**

**Full Name:** Dr. Kamalaldeen Mohammad Fatah Hawrami

**Academic Title:** Lecturer

**Email:** [**kamalaldeen.fatah@su.edu.krd**](mailto:kamalaldeen.fatah@su.edu.krd)

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**Education:**

* Undergraduate from department of Biology/ College of Science/ Mosul University
* Postgraduate from the department of Medical Microbiology/ College of Medicine/ Al Mustansiriyah University (M. sc. Medical Microbiology/ Virology).
* PhD Degree in (Plant Protection/ Microbiology), with a grade (Excellence), Salahaddin University- Erbil, College of Agricultural Engineering Sciences, Kurdistan/Iraq, 2022.

**Employment:**

- 1980-1989: Department of Public Health/ Directory of Military Medical Services (DMMS)/ Ministry of Defense/ Baghdad.

- 1992-1995: Biologist in the Department of Researching Laboratories/ Communicable Diseases Controlling Center (CDC)/ Directory of Public Health and Primary Health Care (DPHPHC) MOH/ Baghdad.

- 1995-1997: National AIDS and Viral Hepatitis Reference Laboratory (NAVHRL)/ CDC/ DPHPHC/ MOH/ Baghdad.

- 1997-2003: NAVHRL/ AIDS Studies and Researches Center (ASRC)/ DPHPHC/ MOH/ Baghdad.

- 2003-2005: National AIDS Reference Laboratory (NARL)/ ASRC/ DPHPHC/ MOH/ Baghdad.

- 2005-2006: NARL/ Central Public Health Laboratory (CPHL)/ DPHPHC/ MOH/ Baghdad.

- Jan 2007- Sep. 2007: Director of NARL/ CPHL/ DPHPHC/ MOH/ Baghdad.

- Jan. 2007- Sep. 2007: Assistant of the Director of CPHL/ DPHPHC/ MOH/ Baghdad.

- Jan. 2007- Sep. 2007: Assistant of the Director of National AIDS Program (NAP)/ / DPHPHC/ MOH/ Baghdad.

- Sep. 2007 till now: Lecturer/ Department of Plant Protection (DPP)/ College Of Agriculture (COA)/ University of Salahaddin (US)/ Ministry of Higher Education and Scientific Researches (MOHSR)/ Kurdistan.

- 2002-2007: I had had my own private laboratory (Al Kamal Al Tubbe Laboratory/ Baghdad) which was licensed by MOH In the branch of Microbiology.

**Qualifications**

**Administrative posts**

- Jan 2007- Sep. 2007: Director of NARL/ CPHL/ DPHPHC/ MOH/ Baghdad.

- Jan. 2007- Sep. 2007: Assistant of the Director of CPHL/ DPHPHC/ MOH/ Baghdad.

- Jan. 2007- Sep. 2007: Assistant of the Director of National AIDS Program (NAP)/ / DPHPHC/ MOH/ Baghdad.

- 2007- till now: Responsible of the Laboratories of the Department of plant Protection/ Collage of Engineering Agricultural Sciences/ Salahaddin University

**Scientific qualifications**

Expert in:

- Laboratory (Lab.) directory.

- Setting and maintenance of Lab. Systems [ELISA, VIDAS, Centrifuges, Microscopes (ordinary & IF), Ovens, Incubators and many other Lab. instruments, since 1995 till now.

- Diagnosis (Screening and Confirmatory) of all viral infections.1995-2007

- Immunological assays.1995-till now

- Quality assurance of laboratory systems and devices.1995-2007

- Quality assurance of laboratory kits (ELISA, Immuno-blot, Vidas, etc.).1997-2007

- General safety assurance of drugs, products of human origin and blood derivatives. 1997-2007

- Lecturer of (Plant Viruses, Biotechnology, Principles of plant protection, nematology, horticulture and vegetable diseases, graduation projects). 2007- till now.

**Teaching qualifications**

* Teaching methods course for university teachers by the Directorate of Continuing Education (Salahaddin University- Erbil), from 6/9/2008 to 17/3/2009 with a grade (Very Good).

**IT qualifications**

* Computer Proficiency Certificate, 28/2/2004.
* Qualified in Microsoft office.
* Statistic programs.

**Language qualifications**

* English Language course for six week in International University of Erbil, Level 6 (Advanced from 5/1/2019 to 14/2/2019.
* ELTIS in 2019 (Score: 5.5)

**Any professional qualification**

* 1992: 7 days training course on malaria parasite diagnosis techniques at CDC/ Baghdad.
* Jan. 1st. -Dec. 31st. 1993: one year training course on (pathological laboratory diagnosis technique) at Baghdad Teaching Hospital.
* May 5th. – May 15th. 2002: Ten days training course at BioKit Company & GenLab Company on (PCR technique)/ Spain.
* April 14th.-May 5th. 2006: Twenty days training course on (advanced diagnosis Flow Cytometry, ELISA, Western blot, and sputum culturing)/ Iran.
* Sep.6th. 2008 – Mar.1th.2009: Six months training course on Teaching Methods/ Salahaddin University/ Erbil/ Kurdistan.
* Dec.11th.-Dec. 22nd. 2010: Microsoft Excel 2003 training course/ Salahaddin University.
* Sep. 20012: Chemical Safety and Security Officer Training course/ Salahaddin University- Erbil/ Kurdistan.
* Setting and maintenance of automated diagnostic equipment.

**You could put any professional courses you have attended**

**Teaching experience:**

**State all teaching courses you delivered, stating undergraduate or post graduate**

* Plant Nematology
* Non- Insect Plant Pests
* Plant Virology
* Biotechnology
* General Zoology
* Horticulture and Vegetable Diseases
* Graduation Research Project (4th stage).
* Seminar (4th stage).

**Courses, trainings, lab supervision, etc.,**

* Supervised graduation research in different fields of Plant Diseases for BSc 4th level in the Colleges of Agricultural Engineering Sciences.

**Research and publications**

1- The correlation between total white blood cell count (WBC), Total lymphocyte count (TLC), and the CD4 T-helper lymphocyte count (CD4) among Iraqi HIV , infected patients;Al Mustansiriya Medical Journal, Vol. 1, Issue no.1(2008**).**

2- تسجيل أول لمرض تعقد الجذور النيماتودي على نبات الزينيا *Zinnia elegans* المتسبب عنMeloidogyne *javanica* في محافظة أربيل/ العراق Arabian Journal of Plant Protection.V32, No 3 (2014) ;

2- **المكافحة الأحيائية لمرض تعفن جذور الحمص المتسبب عن الفطر *Fusarium solani* باستخدام المستحضر الحيوي Biocont-T في الحقل.** Arabic Journal of Plant Protection.V33, No3 (2015)

3- Bio-control efficiency of *Trichoderma* *harzianum* against chickpea wilt pathogen *Fusarium* *oxysporum*; XVIII. International Plant Protection Congress.24–27 August 2015 • Berlin (Germany)

4- Field Efficacy of the Commercial Formulation of the Antagonistic Trichoderma Harzianum on Chickpea Wilt Caused by Fusarium Oxysporum. Science Journal of University of Zakho (SJUOZ), DOI: https://doi.org/10.25271/2017.5.1.303

5- Evaluation of Pseudomonas and Bacillus Strains as Potential Biocontrol Agents against Fusarium Wilt of Chickpea. Science Journal of University of Zakho (SJUOZ), https://zancojournal.su.edu.krd/index.php/JPAS/article/view/134

6- A comparison between the effects of degraded and non-degraded organic matters on the suppression of chickpea fusarium wilt caused by Fusarium oxysporum f. sp. Ciceris. Science Journal of University of Zakho (SJUOZ), DOI: https://doi.org/10.21271/ZJPAS.34.4.2

7- Evaluation of Vitek2 gram-negative identification cards (GN2 card) as a tool for the identification of gram-negative bacteria isolated from diseased tomato plants from Kurdistan Region of Iraq. Indian Journal of Agricultural Biochemistry. 2022, Volume: 35, Issue: 2

8- A comparison between the effects of degraded and non-degraded organic matters on the suppression of chickpea fusarium wilt caused by Fusarium oxysporum f. sp. Ciceris. ZANCO Journal of Pure and Applied Sciences. DOI: http://dx.doi.org/10.21271/zjpas

**Conferences and courses attended:**

* Dec. 1st.2004: Scientific Conference of the World AIDS Day/ Ministry of Health/ Baghdad.
* Oct. 19th.2015: Workshop on the Economic and Employment in Kurdistan/ Kurdistan Chamber of Commerce and Industry/ Erbil.
* XVIII. International Plant Protection Congress/ Berlin (Germany)/ August 2015
* 4th. International Scientific Conference of Cihan University- Erbil on Biological Sciences/ 26-27 April 2017
* 2nd. International Scientific Conference of the University of Zakho/ University of Zakho/ April 18th.to 20th 2017
* International Collaborative Conference of Modern Agricultural Techniques (ICCMAT2023) 3-4 May 2023

**Funding and academic awards:**

**Professional memberships:**

* Membership of Kurdistan Syndicate of Agriculture.
* Membership Union of Kurdistan Teachers.
* Member of Iraqi Biology Union since 1980.

**Professional Social Network Accounts:**

* Research Gate: <https://www.researchgate.net/profile/Kamalaldeen-Fatah>
* LinkedIn: <https://www.linkedin.com/in/kamaludin-fetah-22b65189/>
* Google Scholar: <https://scholar.google.com/citations?view_op=new_profile&hl=ar&authuser=1>
* ORCID: <https://orcid.org/my-orcid?orcid=0000-0001-5664-4057>