

**Dr. Jawadayn Talib Alkoorane****Address:** Al-Kut, Wasit, Iraq**Tel:** +964-7732098440**Date of Birth:** 20/03/1983**E-mail:** jalkooranee@uowasit.edu.iq**Profile**

Academic researcher with more than 17 years of experience in majors Plant Protection-Microbiology, conducting analyzing and interpreting plant infection by different phytopathogens and study the role of resistance genes in resist or sensitive plants against pathogens, as well as identifying the genus and species of fungi.

Education:

- **2001 – 2005**, Bachelor of Plant Protection, Basrah University –Iraq.
- **2007 – 2010**, Master's degree in Plant pathology, Basrah University –Iraq.
- **2013- 2016**, PhD in Microbiology, Huazhong of Science and Tech. University –China.

Language Skills: Arabic , English and Basic of Chinese.

Job Experience :

2005-2013 : Lecturer in Plant Protection, College of Agriculture, Basrah University.

2013-2016 : Member of the Hubei Collaborative Innovation Center for the Characteristic Resources Exploitation of Dabie Mountains, Huanggang Normal University, Huanggang, China

2017-current: Lecturer in Plant Protection, College of Agriculture, Wasit University.

Competencies:

- Strong communication and Presentation
- Writing and Analytical Skills
- Strong team driven qualities
- Expert in Projects plant Protection and, Microbiology
- Extensive use of Word, Excel, Power Point and Statistical Packages for Social Science data analysis
- Experience of quantitative and qualitative research
- Following best practice in research design and documentation
- Ability to work well with members and analyze complex data.

Local and international awards and certificates:

1 - TOEFL certificate, Maysan, Iraq, 2011.

2 - International Certificate in Computer Driving, University of Basrah, Iraq, 2011.

- 3- Achievement certificate from Houazhong of Science and Technology University, Wuhan, China, 2015.
- 4 - Honorary International Graduate Certificate, Houazhong of Science and Technology University, Wuhan, China, 2016.
- 5- Iraqi Scientists Day Award, Ministry of Higher Education and Scientific Research, Iraq, 2018
- 6 - Bahr Al Uloom Creativity Award, Second / Iraq, 2018
- 7 - International Training Certificate for E-Learning by International Research & Exchanges Board (IREX), United States, 2020.

Research Publications:

- 1- **Jawadayn Talib Alkoorane** and Mohammed Fayyadh. 2012. Efficiency of Some Chemical and Biological Induction Compounds In The Reduction of The Tomato Plant Infection by The Fungus *Fusarium oxysporum* Schl. f.sp.*lycopersici*. Journal of Basrah Researches (Sciences), 37(4 A): 19-30.
- 2- Mohammed Amer Fayadh , **Jawadayn Talib Alkoorane**, Alaa Oudah Manea ; Hadi Mahdi Abod and Hameed hadoan. Effect of some Biological agent in control Fusarium wilt in tomato caused by *Fusarium oxysporum f.sp. lycopersici*. Basrah J. Agric. Sci. 2012, 25(2): 47-57.
- 3- Jasem N.S., **Alkoorane J.T.** Effect of Salicylic acid (SA) against the fungus *Macrophomina phaseolina* (Tassi) Goid and development of charecoal Rot disease on Sunflower *Helianthus annus* L. Basrah Journal of Agricultural Sciences. 2012, 25(2): 58-71.
- 4- **Alkoorane J T.**, Aledan T R , Xiang J , Lu G and Li M (2015). Induced Systemic Resistance in Two Genotypes of *Brassica napus* (AACC) and *Raphanus oleracea* (RRCC) by *Trichoderma* Isolates against *Sclerotinia sclerotiorum*. American Journal of Plant Sciences, 6, 1662-1674.
- 5- **Alkoorane J T.**, Liu S, Aledan TR., Yin Y, Li M (2015). First report of powdery mildew caused by *Erysiphe cruciferarum* on *Brassica napus* in China. Plant disease. 99, (11) Page 1651.
- 6- **Alkoorane J T.**, Yin Y, Aledan TR, Jiang Y, Lu G, Wu J, et al. (2015). Systemic Resistance to Powdery Mildew in *Brassica napus* (AACC) and *Raphanus alboglabra* (RRCC) by *Trichoderma harzianum* TH12. PLoS ONE 10(11):
- 7- **Alkoorane J T.**, Yin Y, Aledan TR, Li M, et al. (2015). Detecting the hormonal pathways behind induce systemic resistance by *Trichoderma harzianum* TH12 in *Brassica napus* and *Raphanus alboglabra* to *Sclerotinia* Stem Rot. PLoS ONE 12(1): e0168850. doi:10.1371/journal. pone.0168850.
- 8- Mohammed Reda Refish Nada, **J. T. Alkoorane**, Jian-Wei Gu, Fu Chunhua, Yu Longjiang. Promoting Role of Bacillus Subtilis BS87 on the Growth and Content of Some Natural Products in the Medicinal Plants *A. Roxburghii* and *A. Formosanus*. Scientific & Academic J. Advances in Life Scie., 2016, 6 (2),
- 9- **Alkoorane JT**, Aledan TR, Ali AK, Lu G, Zhang X, Wu J, et al. (2017) Detecting the Hormonal Pathways in Oilseed Rape behind Induced Systemic Resistance by *Trichoderma harzianum* TH12 to *Sclerotinia sclerotiorum*. PLoS ONE 12(1): e0168850. doi:10.1371/journal. pone.0168850

- 10- Alkoorane J T.,** Kadhum, , T.R. and Al-farhan, I.M.H., Induced Systemic Resistance in Oilseed Rape by Some Bio-Elicitors Agents Against Rot Roots Diseases Caused by *R. solani*, *Int. J. Pure App. Biosci.* 5(3): 1-9 (2017).
- 11- Alkoorane, J.T.,** Kadhum, N.N., Aledan, T.R. and Al-farhan, I.M.H., Induced Systemic Resistance in Oilseed Rape by Some Bio-Elicitors Agents Against Rot Roots Diseases Caused by *Rhizoctonia solani*, *Int. J. Pure App. Biosci.* 5(3): 1-9 (2017). doi: <http://dx.doi.org/10.18782/2320-7051.2953>.
- 12- Adnan B. Al-Hawash, J. T. Alkoorane,** Hayder A. Abbood and et al. (2018). Isolation and characterization of two crude oil-degrading fungi strains from Rumaila oil field, Iraq. *Biotechnology Reports*.
- 13- Al-Hawash, A.B., Alkoorane, J.T.,** Zhang, X. and Ma, F., Fungal Degradation of Polycyclic Aromatic Hydrocarbons, *Int. J. Pure App. Biosci.* 6(2): 8-24 (2018). doi: <http://dx.doi.org/10.18782/2320-7051.6302>.
- 14- Alkoorane J T,** Al-Badri M K, Kadhum N N (2018). Induce systemic resistance in oilseed rape by some bio-elicitors against *Alternaria brassicae* fungus, *Acceptance Plant Archive Journal*.
- 15- Alkoorane J T,** H H Al-khshemawee, M A Al-badri, M S Al-srai and H H Daweri. 2019. Antifungal activity and GC-MS detection of leaves and roots parts of *Chenopodium album* extract against some phytopathogenic fungi. *Indian Journal Of Agricultural Research*. Online First Article Id: A-433.
- 16- Alkoorane, J. T** (2018). Effect some Chemical and Biotic Elicitors to Induced Systemic Resistance in oilseed rape against *Pythium* spp. fungi (Under Publishing).
- 17- Alkoorane Jawadayn Talib** and N. N. Kadhum. 2019. Induced systemic resistance in cucumber by some bioelicitors against alternaria leaf blight disease caused by *A. cucurbitaria* fungus. *Plant Archives* Vol. 19 No. 1, 2019 pp. 747-755.
- 18- Lahmod NR , Alkoorane J T,** Alshammary A G, and Rodrigo-Comino J. Effect of Wheat Straw as a Cover Crop on the Chlorophyll, Seed, and Oilseed Yield of *Trigonella foenum graecum* L under Water Deficiency and Weed Competition. *Plants* 2019, 8(11), 503.
- 19- Alkoorane J T.** Activity of Leaves and Root Extracts of *C. album* against Damping-off disease on Bread Wheat under Greenhouse Conditions. *Plant Archives* Volume 20 No. 1, 2020 pp. 1479-1482.
- 20- Salman A.W., Alkoorane, J. T,** Arkawazi H D., HK Alsharifi., Hardie M. (2021). Metal complexes of 1,6-bis(1-benzimidazolyl) hexane: synthesis, characterization and biological activity against some soil-borne fungi. *Journal of Physics: Conference Series* 1879, 022047.
- 21- Alkoorane, J.T. (2022).** Effects of Burning Crop Residues and Drenched the Soil with Water on the Populations of the Bacteria, *Thiobacillus* spp. and the Fungus, *Trichoderma* spp. in the Open Fields. J. T. **Alkoorane** , M. H. Al-Aqili *Asian Journal of Advances in Agricultural Research* 19 (1), 18-24
- 22- Manea, A. O., Jawadayn Talib Alkoorane,** Fayadh, M. A; Aledani, A. K. (2022). Identification of *Nigrospora sphaerica* as a causal agent of fruit rot disease in Basrah Governorate-Iraq. *Annals of Forest Research*. 65 (1): online First.
- 23- Al-Gharani, A.A., Habeeb K. H., Alkoorane, J. T. (2022).** Effect of adding different levels of Sulfur on the number of *Thiobacillus thioparus* and soil on the growth of the Canola crop (*Brassica napus*). *Annals of Forest Research*. 65 (2): online First.

24- Sadeq, B. M., K. Z. Ali Tan., Kasim, S., Wong, M. Y., Nur Maizatul I. O., Alkooranee, J.T. et al. (2023). Humic Acid-Amended Formulation Improves Shelf-Life of Plant Growth-Promoting Rhizobacteria (PGPR) Under Laboratory Conditions. *Pertanika Journal of Social Science and Humanities*, 31(3). DOI: <https://doi.org/10.47836/pjst.31.3.01>.

Private links

- Google Scholar: https://scholar.google.com/citations?user=Cd2_lpwAAAAJ&hl=ar
- Research Gate : <https://www.researchgate.net/profile/Jawadayn-Alkooranee>
- ORCID : <https://orcid.org/0000-0003-2997-4637>
- Scopus : <https://www.scopus.com/authid/detail.uri?authorId=56951124900>