


Resume

Curriculum Vitae (CV)

Personal Information:-

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|---|---|
| Name: Mustafa Nadhim Owaid |  |
| Alternative name: Mustafa Nadhim Owaid Alheeti | |
| Title (Degree): Ph.D. | |
| General Jurisdiction: Microbiology | |
| Specialization: Mycology/Mushroom | |
| Gender: Male | |
| Affiliation: Al-Athar School, Heet Education, General Directorate for Education of Anbar, Ministry of Education, Hit, Anbar 31007, Iraq. | |
| Address: Department of Biology, College of Science, University of Anbar, Ramadi, Anbar 31001, Iraq. | |
| Mobile: +9647902651440 | |
| Email: mustafa@alheeti.com , mustafanowaid@gmail.com | |
| Website: www.alheeti.com/mustafa | |
| Research Gate Link: www.researchgate.net/profile/Mustafa_Owaid | |
| Hobbies: Website design | |

Academic Qualification (Education Background):-

| Academic Qualification | | | | | |
|------------------------|---------|------------|---------|-----------------------|-----------|
| Degree | Country | University | College | Specialization | Year |
| Ph.D. | Iraq | Anbar | Science | Microbiology/Mycology | 2010-2013 |
| M.Sc. | Iraq | Anbar | Science | Microbiology | 2007-2009 |
| B.Sc. | Iraq | Anbar | Science | Biology | 1999-2003 |

Areas of Interest, Skills and Experiences:-

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| Experience (details) |
| <ol style="list-style-type: none"> 1. Mushroom (medicinal mushroom, biotechnology, bionanotechnology, mushroom production, cultivation, taxonomy, diversity, environment, spawn production, truffle) 2. Mycology (mycoremediation, biocontrol agents, mycoconversion, fungal interaction) 3. Microbiology (soil microbiology, industrial microbiology, food microbiology, biofertilizer) 4. Fermentation (solid fermentation, composting) |

Training (Sessions):-

Office. Country. Year

1. Research Scholarship in Mushroom Research Centre (6 Months), Institute of Biological Sciences, Faculty of Science, University of Malaya, **Malaysia. (2013).**

Publications:-

Articles Research

1. **Owaid, M.N.**, Al-Saeedi, S.S.S. and Abed, I.A. (2015). Mineral elements of white, grey, yellow and pink oyster mushrooms (Higher Basidiomycetes). *GIDA* (2015) 40 (6): xx-xx. doi: [10.15237/gida.GD15039](https://doi.org/10.15237/gida.GD15039)
2. Muslat, M.M. and **Owaid, M. N.** (2015). *Polyporus* spp.(Polyporaceae, Basidiomycota): Rare record from ecosystem of Fallujah, Iraq. *International Journal of Environment*, 4(3), **accepted**.
3. **Owaid, M. N.**, Nassar, B. M., Abed, A. M. and Turki, A. M. (2015). Effect of cellulosic matter and container size on cultivation and yield of oyster mushroom *Pleurotus ostreatus*. *Journal of Medicinal Herbs and Ethnomedicine*, Online First: 14 Jul, 2015. doi:[10.5455/jmhe.2015-05-01](https://doi.org/10.5455/jmhe.2015-05-01)
4. **Owaid, M.N.** and Abed, A.M. and Nassar, B. M. (2015). Recycling cardboard wastes to produce blue oyster mushroom *Pleurotus ostreatus* in Iraq. *Emirates Journal of Food and Agriculture*, 27(7): 537-541. doi:[10.9755/ejfa.2015.04.118](https://doi.org/10.9755/ejfa.2015.04.118)
5. **Owaid, M.N.** and Abed, I.A. (2015). Mineral analysis of phosphate rock as Iraqi raw fertilizer. *International Journal of Environment*, 4(2):413-415. doi:[10.3126/ije.v4i2.12667](https://doi.org/10.3126/ije.v4i2.12667)
6. **Owaid, M.N.**, Abed, I.A. and Al-Saeedi, S.S. (2015). Using of date palm fiber mixed with other lignocelluloses toward *Pleurotus ostreatus* (Higher Basidiomycetes) cultivation. *Emirates Journal of Food and Agriculture*, 27(7): 556-561. doi:[10.9755/ejfa.184440](https://doi.org/10.9755/ejfa.184440)
7. **Owaid, M.N.**, Raman, J., Lakshmanan, H., Al-Saeedi, S.S.S., Sabaratnam, V. and Al-Assaffii, I.A.A. (2015). Mycosynthesis of silver nanoparticles from *Pleurotus cornucopiae* var. *citrinopileatus* and its inhibitory effects against *Candida* sp. *Materials Letters*, 153: 186-190. doi:[10.1016/j.matlet.2015.04.023](https://doi.org/10.1016/j.matlet.2015.04.023)
8. **Owaid, M.N.** (2015). Mineral elements content in two sources of *Agaricus bisporus* in Iraqi market. *Journal of Advanced & Applied*

- Sciences*, 3(2): 46-50.
9. **Owaid, M.N.**, Al-Saeedi, S.S.S., Sabaratnam, V., Al-Assaffii, I.A.A. and Raman, J. (2015). Growth performance and cultivation of four oyster mushroom species on sawdust and rice bran substrates. *Journal of Advances in Biotechnology*, 4(3):424-429.
 10. **Owaid, M.N.**, Al-Saeedi, S.S.S. and Al-Assaffii, I.A. (2015). Antimicrobial activity of mycelia of oyster mushroom species (*Pleurotus* spp.) and their liquid filtrates (*in vitro*). *Journal of Medical and Bioengineering*, 4(5): 376-380. doi:10.12720/jomb.4.5.376-380
 11. **Owaid, M.N.**, Al-Assaffii, I. A. A. and Al-Saeedi, S. S. S. (2014). Assessment date palm fibers extract agar with other lignocellulose residues on mycelial growth of *Pleurotus eryngii*. *Rev. Microbiol. Ind. San et Environn.*, 8(2): 172-186.
 12. Muslat, M.M., Al-Assaffii, I.A.A. and **Owaid, M. N.** (2014). *Agaricus bisporus* product development by using local substrate with bio-amendment. *International Journal for Environment and Global Climate*, 2(4): 176-188.
 13. **Owaid, M.N.**, Muslat, M.M. and Tan, W.C. (2014). First collection and identification of wild mushrooms in western Iraq. *Journal of Advanced Laboratory Research in Biology*, 5(2): 29-34.
 14. **Owaid, M.N.**, Al-Ani, B.M.A. and Muslat, M.M. (2014). Effect of *Saccharomyces cerevisiae* extract on mycelium growth and primordia formation of *Pleurotus salmoneostramineus* and *Pleurotus cornucopiae* (*in vitro*). *Journal of Life Sciences and Technologies*, 2(1): 28-31. doi:10.12720/jolst.2.1.28-31
 15. **Owaid, M.N.**, Al-Saeedi, S.S.S. and Al-Assaffii, I.A. (2014). Impact palm date fibers (fibrillum) and sawdust extract on mycelial growth rate of four species of *Pleurotus*. 3rd Scientific Conference for Plant Production. *Journal Tikrit Univ. For Agri. Sci.*, 14 (special issue): 1-7.
 16. **Alheeti, M.N.O.**, Al-Saeedi, S.S.S., Al-Assaffii, I.A. and Sabaratnam, V. Antifungal activities of mycelia and culture filtrate of four oyster mushroom species (*Pleurotus* spp.) against pathogenic fungi. Poster, the 7th International Medicinal Mushroom Conference, Beijing, China. 26-29 August 2013. doi:10.13140/2.1.4684.8322
 17. **Alheeti, M.N.O.**, Muslat, M.M. and Al-Assaffii, I.A.A. (2013). Using common reed straw instead of wheat straw to prepare a compost for the production of white button mushroom *Agaricus bisporus*. *Al-Anbar Journal of Agricultural Sciences*, (4th Conference). x: x-x.
 18. **Alheeti, M.N.O.**, Al-Saeedi, S.S.S. and Al-Assaffii, I.A. (2013).

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| <p>Evaluation of qualification of substrates containing date palm fibers (leef) and sawdust on quality and productivity of four <i>Pleurotus</i> spp. 2nd Conference of Desert Studies. <i>Iraqi Journal of Desert Studies</i>, x(x): x-x.</p> <p>19. Muslat, M.M., Al-Assaffii, I.A. and Alheeti, M.N.O. (2011). Efficient use of waste reed cane <i>Phragmites australis</i> supported by <i>Streptomyces</i> O3 in the preparation the compost for production mushroom <i>Agaricus bisporus</i> and affect spraying extract of liquorices <i>Glycyrrhiza</i> sp. <i>Research Journal of Aleppo University - Agricultural Science Series</i>. 91: x-x. (In Arabic)</p> <p>20. Muslat, M.M., Al-Assaffii, I.A. and Alheeti, M.N. (2011). A Study of Some Physical and Chemical Characteristics for Compost of Heterogeneous of Cellulose during the Fermentation Period for Mushroom Cultivation of <i>Agaricus bisporus</i>. <i>Al-Anbar Journal of Agricultural Sciences</i>. 9(1): 197-206.</p> <p>21. Muslat, M.M., Alheeti, M.N. and Al-Assaffii, I.A. (2010). Study the effect of different concentrations of aqueous extract of liquorices on the speed of the mycelial growth of <i>Agaricus bisporus</i>, Biomass and Protein Content. 3rd Conference of Agricultural Sciences. <i>Al-Anbar Journal of Agricultural Sciences</i>, 8(4): 223-229.</p> <p>22. Alheeti, M.N., Al-Assaffii, I.A. and Muslat, M.M. (2010). Evaluation the efficiency of reed plant (<i>Phragmites australis</i>) wastes and aqueous extract of liquorices (<i>Glycyrrhiza glabra</i>) on the production of <i>Agaricus bisporus</i>. <i>Journal of University of Anbar for Pure Science</i>, 4(2): 13-21.</p> |
| Thesis |
| <p>23. Owaid, M.N. (2013). Testing efficiency of different agriculture media in growth and production of four species of oyster mushroom <i>Pleurotus</i> and evaluation the bioactivity of tested species. Ph.D. thesis. Dep. Biology, College of Science, University of Anbar, Iraq. 169 pp. doi:10.13140/2.1.4422.6883</p> <p>24. Owaid, M.N. (2009). Biotechnology for local compost preparation used to produce mushroom <i>Agaricus bisporus</i>. M.Sc. thesis. Dep. Biology, College of Science, University of Anbar, Iraq. 129 pp. doi:10.13140/2.1.2325.5361</p> |
| Books |
| Chapters |
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| Booklets |
| Bulletins |
| CD |
| <ol style="list-style-type: none"> Mustafa N. Owaid (2011). Tutorials of Iraqi Virtual Scientific Library. 4 Video Lessons. College of Science, University of Anbar, Iraq. 202 MB, 85 Minutes. |

Conferences:-

| Conference. Venue. Year |
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| 1. Sixth International Conference of Water and Environment Resources, the Euro-Arab Organization for Environment, Water and Desert Researchers, Istanbul, Turkey , 27-30 Oct. 2014 , (International). |
| 2. Third Specialized Conference of Agriculture Sciences/ Plant Production, College of Agriculture - Tikrit University, Tikrit, Iraq , 26-27 March 2014 . (National). |
| 3. Fourth Scientific Conference for College of Agriculture - University of Anbar, Ramadi, Iraq , 26-27 Nov. 2013 . (National). |
| 4. The 7th International Medicinal Mushroom Conference, Beijing, China , 26-29 August 2013 . (International). |
| 5. Second Scientific Conference for Desert Studies Center - University of Anbar, Ramadi, Iraq , 24-26 April 2013 . (National). |
| 6. Second Scientific Conference for Pure Science - University of Anbar, Ramadi, Iraq , 20-22 Nov. 2012 . (National). |
| 7. Third Scientific Conference for College of Agriculture - University of Anbar, Ramadi, Iraq , 11-12 Nov. 2010 . (National). |
| 8. First Scientific Conference for Desert Studies Center - University of Anbar, Ramadi, Iraq , 22-24 Dec. 2009 . (National). |

Symposia:-

| Symposium. Venue. Year |
|---|
| 1. Fourth Scientific Symposium for Postgraduate Students, College of Science, University of Anbar, Iraq , 18 April 2012 , (National). |
| 2. First Scientific Symposium for Postgraduate Students, College of Science, University of Anbar, Iraq , 2009 , (National). |
| 3. Symposium / Workshop dealing with HINARI, College of Science and Department of Health Anbar, University of Anbar, Iraq , 10-12 May 2008 , (National). |

Memberships:-

| Organization. | Year. | Role. | Level |
|--|--------------------------|-------------------|------------------|
| 1. World Society for Mushroom Biology and Mushroom Products, (WSMBMP), | 2014, | Ordinary Member, | (International). |
| 2. North American Mycological Association (NAMA), | USA, 2014, | Member, | (International). |
| 3. Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES), | Hong Kong, 2013-2015, | Member, | (International). |
| 4. British Mycological Society (BMS), | UK, 2013-2014, | Member, | (International). |
| 5. Malaysian Society for Microbiology (MSM), | Malaysia, 2013-2014, | Associate Member, | (International). |
| 6. International Society for Fungal Conservation (ISFC), | UK, 2013-2015, | Member, | (International). |
| 7. Cape Cod Mushroom Club, | US, 2013-2015, | Member, | (International). |
| 8. International Society for Mushroom Science (ISMS), | South Africa, 2013-2015, | Member, | (International). |
| 9. Malaysian Mushroom Research Association (MMRA), | Malaysia, 2013, | Member, | (International). |
| 10. Iraqi Teachers Union - Branch Heet (ITU), | Iraq, 2005-2007, 2010, | Member, | (National). |

Acknowledgements & Awards (Prizes):-

| Office. | Country. | Years |
|---------|--|-------|
| 1. | Three acknowledgements (1 from Ministry of Education + 2 from University of Anbar) | |

Certifications:-

| Office. | Country. | Years |
|---------|---|------------------|
| 1. | Certification of Research Attachment Program, Mushroom Research Centre, University of Malaya, | Malaysia (2013). |
| 2. | HINARI Certification. Health Anbar and University of Anbar. | Iraq (2008). |

Tenure Reviews and Editors:-

| Journal. | ISSN. | Country. | Year |
|----------|--|----------|------|
| 1. | Member of Editorial Board for International Journal of Research in | | |

- Science & Technology (IJRST) (P-ISSN: 2454-180X, E-ISSN: 2249-0604) National Institute of Science Communication And Information Resources (NISCAIR), Council of Scientific and Industrial Research (CSIR), **India (Since 2015)**.
2. Member of Reviewer's Team for International Journal of Biological Sciences and Applications (ISSN: 2375-3811), American Journal of Agricultural Science (ISSN: PENDING). (American Association for Science and Technology (AASCIT)), **USA (Since 2015)**.
 3. Member of Editorial Board for American Journal of Microbiology and Biotechnology (ISSN: 2375-3005). (American Association for Science and Technology (AASCIT)), **USA (Since 2015)**.
 4. Member of Editorial Board/Reviewer's Team for International Journal of Research in Science and Technology (P-ISSN: 2454-180X, E-ISSN: 2249-0604), IRA PUBLICATIONS, **India (Since 2015)**.
 5. Editor in Editorial Board of European Journal of Experimental Biology (ISSN: 2248-9215) CODEN (USA): EJEBAU (Pelagia Research Library), **India (Since 2015)**.
 6. Reviewer Committee. INTERNATIONAL CONFERENCE ON FOOD, ECOLOGICAL AND LIFE SCIENCES (FELS). **Emirates (2015)**.
 7. Reviewer Committee. Emirates Association of Chemical, Biological & Environment Engineers (EACBEE), **Emirates (Since 2015)**.
 8. Reviewer and Member in Planetary Scientific Research Centre (PSRC) at (IICBE), **2015**.
 9. Reviewer in Universal Journal of Microbiology Research (ISSN: 2331-6721), **USA (Since 2015)**.
 10. Reviewer in Universal Journal of Agricultural Research (ISSN: 2332-2268), **USA (Since 2015)**.
 11. Editor and Reviewer in Editorial Board of International Journal of Environment (IJE) (ISSN: 2091-2854), **Nepal (Since 2015)**.
 12. Reviewer in Journal of Advances in Biotechnology (JBT) (ISSN: 2348-6201), **USA (Since 2014)**.
 13. Reviewer in Journal of Advanced Laboratory Research in Biology (JALRB) (ISSN: 0976-7614), **India (Since 2014)**.
 14. Reviewer in Journal of Life Sciences and Technologies (JOLST) (ISSN: 2301-3672), **USA (Since 2014)**.
 15. Reviewer in International Journal of Geology, Agriculture and Environmental Sciences (IJGAES) (ISSN: 2348-0254), **India (Since**

- 2014).**
- 16.**Member (Scientific Technical Committee & Editorial Board on Chemical, Biological, Medical & Environmental Sciences) at International Scientific Academy of Engineering & Technology (ISAET), **India, 2013-2015.**
 - 17.**Reviewer in International Journal of Basic & Applied Sciences (IJENS) ([ISSN: 2227-2720 & 2077-1223](#)), **Pakistan (Since 2013).**
 - 18.**Chief Editor of Alheeti E-Journal ([ISN: 3/2012](#)), **Iraq. (2011-2014).**