

Academic Curriculum Vitae



Personal Information:

Full Name: **Hero Mohammad Ismael**
Academic Title: **Assistant Professor**
Email: **hero.ismael@su.edu.krd**
Mobile: **07504602908**



Education:

2005 - 2009 Ph. D. In Mycology /Microbiology
University of Salahaddin/ Science College / Biology

2000 - 2002 M. Sc. In Mycology /Microbiology
University of Salahaddin/ Science College / Biology

1992 - 1996 B. Sc. In Microbiology / Biology
University of Salahaddin/ Science College / Biology

Employment:

Since 2013 Assistant Professor /University of Salahaddin/ Science College / Biology

2009 - 2013 Lecturer /University of Salahaddin/ Science College / Biology

1999 - 2009 Assist. Lecturer /University of Salahaddin/ Science College / Biology

1997 - 1999 Assist. Biologist /University of Salahaddin/ Science College / Biology

Qualifications

- Certificate of Computer Training Course, Salahaddin University-Erbil, Erbil/ Iraq July -August/2004
- Certificate of Teaching Methods, Salahaddin University-Erbil, Erbil, Iraq. 2003
- Certificate of English Language Course, Salahaddin University-Erbil, Language Center, Erbil, Iraq. July-August/2005

Teaching experience:

- General Mycology course/ 3rd Stage Biology (2009-2020)
- Medical Mycology course/ 3rd Stage Biomedical Science (2021-2023)
- Microbial Physiology course / 3rd Stage General Biology (2012-2023)
- Biosafety and Biosecurity course / 1st Stage General Biology(2020-2022)
- Biosafety and Biosecurity course / 1st Stage Biomedical Science (2020-2022)
- Advanced Microbial Physiology course/ Ph.D. Student
- Advanced Medical Mycology course /Ph.D. 2018
- Advanced Microbiology course/ M. Sc. Student 2017
- Advanced Fungal Physiology course / M. Sc. Student 2016
- Advanced Microbial Toxins course / M. Sc. student 2018
- Advanced Microbial Ecology course/ M. Sc. Student 2016
- Practical General Mycology course/ Lab supervisor/ 3rd Stage Biology (2009-2020)
- Practical Medical Mycology course/ / Lab supervisor/ 3rd Stage Biomedical Science (2021-2023)
- Practical Microbial Physiology course / / Lab supervisor/ 3rd Stage General Biology (2012-2023)

Research and publications

- Nareen QF Abdulla, Hero M Ismael (2023). The Efficacy of Antifungal Medications and Plant Extracts Against *Candida albicans* Isolated from Vulvovaginitis Women, Iraqi Journal of Science, 560-572
- Rezan Sabah Ahmed, Sayran Yousif Jalal, Hero Mohammad Ismael, Yahya Ahmed Shekha (2023). Chemical and Biological properties of compost produced from house solid waste. (2023) Zanco Journal of Pure and Applied science, 35 (3)

- Nareen QF Abdulla, Hero M Ismael (2023). Isolation and Identification of *Candida dubliniensis* in Patient with Cervical-Vulvovaginal Candidiasis in Erbil City. Rafidain Journal of Science 31 (3), 1-8
- Vian B Nehmatullah, Hero Mohammad Ismael, Dler A.K. Nooruldeen Chalabi (2020) Antimicrobial potential of some plant extracts against *Candida* species Isolated from infants oral thrush. Conference Paper, September 2020, the 2nd Scientific Conference on Women's Health.
- Badr Q Surchi, M Hakkı Alma, Hero M. Ismael, Yaseen A. R. Goran¹ Ali Mala Khedir Galalaey, Ali Göçeri, Shilan S.Ahmad and Halat Khalid (2018) Phytochemical Profile and Antifungal Effect of (*Quercus infectoria* Oliv.) Plant Root Extract on Several *Candida* spices. International Journal of Scientific & Engineering Research, (9) 3:600-612
- Farid M. Toma Hero M. Ismael Nareen Q. Faqi Abdulla (2018). Survey and Identification of some New Record Mushrooms in Erbil Governorate-Kurdistan Region-Iraq, Raf. J. Sci., 27 (5):19-32
- Ismael, H. M., Nehmatullah, V. B., Al-Barzanji, H. A. M. and Hussain S. K. (2018) Minimum inhibitory concentration (MIC) determination of four antifungal agents against *Candida* spp. isolated from patients in Erbil city, Int. Conf. on Applied Sci. (ICASEE), ZJPAS, XX (X); xx-xx
- Hero M Ismael, Fouad H Kamel, Akhter A Ahmed (2018). Effect of Natural Surface Secretes of Some Common Ornamental Plants Leaves on Pathogenic Micro-organisms. Al-Qadisiyah Journal For Agriculture Sciences, 8 (1): 1-7
- Halat Khalid, Badr Qader Ismael, M. Hakk, Alma, Hero M.Ismael, Yaseen A.R.Goran, Ali Mala Khedir Galalaey, Ali Göçeri, Shilan S. Ahmad (2018). Phytochemical Profile and Antifungal Effect of (*Quercus infectoria* Oliv.) Plant Root Extract on Several *Candida* spices International Journal of Scientific & Engineering Research. 9 (3): 600-612
- Rezhin A. Mohammed, Hero M. Ismael and Zirak F. A. Abdulrama, (2017) Conventional and Molecular Identification of Pathogenic and Keratinophilic Fungi Isolated from Feathers of Bird in Erbil City, ZJPAS, 29 (3); 141-151
- Fouad Kamel, Hero Ismael, Amer Shaker, Sayran Amin (2017), Approaches for development of new Nano-silver printing ink, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 8 (4): Special Issue
- Hewa O. HAMAD, M. Hakki ALMA, Hero M. ISMAEL and Ali GOCERI (2014). The Effect of Some Sugars on the Growth of *Aspergillus niger*., KSU J. Nat. Sci., 17(4).

- Fouad H. Kamel , Hero M. Ismael , Sayran A.Mohammadamin (2014). Microbial Deterioration of Historical Textiles and Approaches for Their Control. Online International Interdisciplinary Research Journal, 4: Special Issue
- Yahya A. Shekha, Hero M. Ismael and Akhter A. Ahmed (2014). Bacteriological and Mycological Assessment for Water Quality of Duhok Reservoir-Iraq, Jordan Journal of Biological Sciences JJBS, 6 (4): 308-315
- Karzan Mohammad Hero Mohammad Ismael, Khattab Shekhany, Azhar F. Al-Attraqhchi, Samir K. Abdullah, Rassool Aldabbagh and David W. Denning. (2014) Burden of serious fungal infection in Iraq Conference: ESCMID 24th European Congress of Clinical Microbiology and Infectious DiseasesAt: BarcelonaVolume: ECCMI-2416
- Hero M. Ismael (2013). PCR based identification of two medically important dermatophyte fungi, *Microsporum gypseum* and *Trichophyton mentagrophytes*, American International Journal of Research in Formal, Applied & Natural Sciences, 4(1):08-11
- Hero Mohammad Ismael and Nadeem Ahmed Ramadan (2013). The Anti-dermatophyte activities of some plant extracts against *Trichophyton mentagrophytes* and *Microsporum canis*, 1st International Scientific Conference University of Zakho (FISC- UOZ)
- Farid M. Toma, Hero M. Ismael and Nareen Q. Faqi Abdulla (2013). Survey and Identification of Mushrooms in Erbil Governorate Research Journal of Environmental and Earth Sciences 5(5): 262-266
- Hero M. Ismael (2011). Isolation and identification of dermatophytes and other fungal agents from clinical specimens in Erbil city. 2nd Scientific Conference for Biological Science –Sci College-Mosul University. 16-17 :407-418
- Hero M. Ismael and Nadeem A. Ramadhan (2011) Isolation of Fungi Seasonally from Soil, Air and Water in Villages in “Binary Safeen”. The 4th International Scientific Conference of Salahaddin University-Erbil, October 18-20,
- Hero Mohammad Ismael, Zeerak F. Ahmed and Khalid Ismael (2008). Assessment of antifungal bioactivity of *Calendula officinalis* plant extract, ZJPAS, 20 (4): 29-36
- Farid M. Toma and Hero Mohammad Ismael (2004). Physiological study of the fungus *Beauveria bassiana* ZJPAS, 20 (4): 29-36

Professional memberships

1. CRDF Global
2. Kurdistan Union Syndicate (KUS)
3. Kurdistan teacher Union (KTU)
4. Iraqi Inventors and Innovator Society (IIS)

Professional Social Network Accounts:

- [ResearchGate](https://www.researchgate.net/profile/Hero-Ismael)
<https://www.researchgate.net/profile/Hero-Ismael>
- [LinkedIn](https://www.linkedin.com/in/dr-hero-m-ismael-a152396b/)
<https://www.linkedin.com/in/dr-hero-m-ismael-a152396b/>
- [Google Scholar](https://scholar.google.com/citations?user=huiqUzsAAAAJ)
<https://scholar.google.com/citations?user=huiqUzsAAAAJ>
- [Orcid](https://orcid.org/0000-0003-2009-7009)
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