

CURRICULUM VITÆ /

Name: *Amjed Qays Ibrahim ALQAI SI*

Sex: *Male*

Marital status: *Married*

Date of Birth: *7 – 4 - 1979*

Place of Birth: *Iraq- Baghdad*

Nationality: *Iraqi*

E-mails: amjed.alqaisi@sc.uobaghdad.edu.iq ; amjeddurham@gmail.com ;
amjed.ibrahim@yahoo.com

Specialist: *Molecular Biology /Molecular Parasitology*

Language:

Mother Language: Arabic

Other Language English

Higher Education and Qualification:

- B.Sc degree in Biology \ Microbiology from College of Science- University of Baghdad (2001). Standing average of four years (69.57%).
- M.Sc. degree in Zoology/Parasitology from Biology department / College of Science- University of Baghdad (2005).
- PhD in Molecular Biology / Molecular Parasitology in United Kingdom / Durham University / Department of Biosciences (2013 -2018) (awarded PhD Scholarship from Iraqi Government).

Training Courses and conferences:

English Language proficiency test term from University of Baghdad.(2002).

Training Courses in Computer (Windows, Excel, Word, power point) from Consultation Beureau of information systems and computers / Computer Centre / Baghdad University (2005).

Training Course in Medical Diagnostic Tests held at The Tropical Disease Research Unit for the period from 3 / 7 / 2005 to 7/8/2005.

Participation in the Educational Qualifying Course No. 91 Held by University of Baghdad from 17 / 6 / 2007 to 12 / 7 / 2007.

Having certificate of IC3 as the following scores:

- 1- IC3 2005 Standard Key Applications (933).
- 2- IC3 2005 Standard Computing Fundamentals (822).
- 3- IC3 2005 Standard Living Online (644).

Attended Microbiological Safety Course in Durham University / School of Biological and Biomedical Sciences / UK, from 3rd – 7th October 2013, and that included following topics:

1. Microbiology and Legislation.
2. Biological agents and biohazards.
3. Risk assessment and codes of practice.
4. Biological risk assessment.
5. Working safely with Biological materials.
6. Disinfection
7. Safe handling of microorganisms.
8. Disinfecting test
9. Microbiology laboratory specifications.
10. Microorganisms and aerosols.
11. Good Microbiological Practice.
12. Autoclaves and autoclaving.
13. Enumerating Bacteria and calculating cfu.
14. Documentation and disposal.
15. Working in containment laboratories.
16. Operation and use of microbiological safety cabinets.
17. Practical emergency procedures.
18. Dealing with emergencies-case studies.

Attended the annual spring meeting British Society for Parasitology (BSP) conference which be held at BT Convention Centre, Liverpool / UK form 16th -18th April 2015, and presenting the poster:

'Functional analyses of sphingolipid biosynthesis in an apicomplexan parasite'

Attended and presented poster in the Postgraduate conference in Durham University/School of Biological and Biomedical Sciences (2015) Durham / UK.

Attended the North East Postgraduate (NEPG) conference as an audience on the 12th October 2015 Newcastle / UK.

Attended 'Working with Parasite Database Resources' workshop held at the Wellcome Genome Campus, Hinxton, Cambridge / UK from 18-23 October 2015.

Attended the annual spring meeting British Society for Parasitology (BSP) conference which be held at Imperial College of London / UK, form 11th -13th April 2016, and presenting the poster:

'Functional analyses of sphingolipid biosynthesis in an apicomplexan parasite'

Attended and oral presentation in the Postgraduate conference at Durham University/School of Biological and Biomedical Sciences / UK (11/05/2016).

Award the attendance Middle East Biology of Parasitism (MeBoP) which be held at Bern University/Switzerland, from 24/07/2016 to 07/08/2016.

Attended "The 14th biennial conference of the *Toxoplasma gondii* research community" [Toxo14] which be held at Tomar, Portugal from May 31 to June 4, 2017, and presenting the poster:

'Studies of the role of *Toxoplasma gondii* de novo sphingolipid biosynthesis enzymes in parasite proliferation and invasion'

Attended the first Iraqi Student Conference held at the University of Sheffield at 29th September 2017.

<https://www.facebook.com/theuniversityofsheffield/videos/10155551036330259/>

Award the attendance **International Workshop on "new anti-leishmanial leads from natural sources: concepts and approaches"** which be held in **International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi, Pakistan** November 8 - 9, 2019.

[Sponsored by the NTD-GCRF / ICCBS].

Award the attendance “7th INTERNATIONAL SYMPOSIUM-CUM-TRAINING COURSE ON MOLECULAR MEDICINE AND DRUG RESEARCH (MMDR-7)” which be held in International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi, Pakistan November 4 - 7, 2019

[Sponsored by the NTD-GCRF / ICCBS]

Scientific Jobs:

- Assistant Lect. University of Baghdad / College of Science / Department of Biology (2006-2012).
- Lecturer in the same Dept. from 2012 - 2021.
- Assistant Professor in the same Dept. from 2021 - ongoing
- PhD student at Durham University/ Department of Biosciences (2013-2018).
- A faculty member in the University of Baghdad / College of Science / Department of Biology from 2006 – ongoing

I am teaching the following subject:

- Biodiversity.
- Helminthology (theoretical and practical)
- Parasitology (theoretical and practical)
- Invertebrate (theoretical and practical)
- English language

Supervision students:

1. Mahmou Shakir Abdullah (Master student)
2. Mariam Ali Najeeb (Master student).

Researches:

- 1- Functional analyses of sphingolipid biosynthesis in an apicomplexan parasite. **PhD thesis (Molecular Biology / Molecular Parasitology) (Durham University/UK).** <http://theses.dur.ac.uk/12449/>
- 2- A study on the effect of volatile oil to *Cymbopogon citratus* with or without usage protoscolices antigen against infection in hydatid cysts of *Echinococcus granulosus* (2005). **A Thesis submitted to the College of Science - University of Baghdad in Partial Fulfillment of the Required for Degree M.Sc in Biology / Zoology (Parasitology).**
3. Yaqoob, S. I.; **Ibrahim, A. Q.**; Al-Bayati, M. K. (2009). Study on some effects of the aquatic extract of horsetail *Equisetum arvense* L. on albino mice hepatic tissues. ***Iraqi Journal of Science. Vol. 50. Special issue (1304-1311).***
مجلة المؤتمر العلمي الثالث لكلية العلوم للفترة من 24-26 آذار. ص: 1304 – 1311
4. **Ibrahim, A. Q.** ; Al-Shanawi, F. A. (2009). The effect of volatile oil of *Cymbopogon citratus* with or without usage protoscolices on the liver tissue infected with hydatid cysts. ***Iraqi Journal of Science. Vol. 50. Special issue (1032-1039)***
مجلة المؤتمر العلمي الثالث لكلية العلوم للفترة من 24-26 آذار. ص: 1032 – 1039.
5. Al-Shanawi, F. A.; Baker, N. N.; **Ibrahim A.Q.** (2012). Study the effect of the mixture aquatic extract of *Peganum harmala* seeds and Pericarp of *Punica granatum* on viability of protoscolices of *Echinococcus granulosus* in vitro and in vivo. ***J. of Baghdad for Science Vol. 9 (2): 200-206.***
6. **Ibrahim, A. Q.** (2012). Prevalence of *Entamoeba histolytica* and *Giardia lamblia* in children in Kadhmiyah Hospital. ***The Iraqi J. Vet. Med. Vol. 36 (1) : 218-223.***
7. **Ibraheem, A. Q.**; Al-Warid, H. S. (2012). Knowledge and awareness towards Cryptosporidiosis in Baghdad. ***J. of Basic Education. Vol. 18: 61 -75.***

8. Al-Aboodi, B. A. ; Ibrahim, A. Q. (2013). Study the effect of *Capparis spinosa* leaves in viability of prtoscolices of *Echinococcus granulosus* in vitro. *Al-Nahrain University J. for Science*. Vol. 16 (1): 6-11.
9. Alqaisi, A.Q.I., Mbekeani, A.J., Llorens, M.B., Elhammer, A.P. and Denny, P.W.. The antifungal Aureobasidin A and an analogue are active against the protozoan parasite *Toxoplasma gondii* but do not inhibit sphingolipid biosynthesis. *Parasitology*, 145 (2), pp.148-155 (2018).
10. Mina, J.G., Thye, J.K., Alqaisi, A.Q., Bird, L.E., Dods, R.H., Grøftehaug, M.K., Mosely, J.A., Pratt, S., Shams-Eldin, H., Schwarz, R.T. and Pohl, E, and Paul W. Denny (2017). Functional and phylogenetic evidence of a bacterial origin for the first enzyme in sphingolipid biosynthesis in a phylum of eukaryotic protozoan parasites. *Journal of Biological Chemistry*, 292 (29), pp.12208-12219.
11. Armitage, E.G., Alqaisi, A.Q., Godzien, J., Peña, I., Mbekeani, A.J., Alonso-Herranz, V., López-González, Á., Martín, J., Gabarro, R., Denny, P.W. and Barrett, M.P (2018). Complex interplay between sphingolipid and sterol metabolism revealed by perturbations to the *Leishmania* metabolome caused by miltefosine. *Antimicrobial agents and chemotherapy*, 62 (5), pp.e02095-17.
12. Alqaisi, A.Q., Al-Warid, H.S. and Al-Moussawi, A.A. (2020). Molecular characterization of *Contraecaecum rudolphii* hartwich, 1964 (nematoda: anisakidae) from the cormorant *phalacrocorax carbo* in Iraq. *Bulletin of the Iraq Natural History Museum (P-ISSN: 1017-8678, E-ISSN: 2311-9799)*, 16 (2), pp.135-150.
13. Al-Saqr, I.M., Al-Warid, H.S., Al-Qaisi, A.Q. and Al-Bahadely, H.S., (2020). Prevalence of gastrointestinal parasites in Iraq during 2015. In *AIP Conference Proceedings 2290 (1)*, 020005). AIP Publishing LLC.
14. Mina, J. G., Charlton, R. L., Alpizar-Sosa, E., Escrivani, D. O., Brown, C., Alqaisi, A., Borsodi, M. P., Figueiredo, C. P., de Lima, E. V., Dickie, E. A., Wei, W.,

Coutinho-Silva, R., Merritt, A., Smith T. K., Barrett, M. P., Rossi-Bergman, B., Denny P. W. & Steel, P. G. (2021). Antileishmanial Chemotherapy through Clemastine Fumarate Mediated Inhibition of the *Leishmania* Inositol Phosphorylceramide Synthase. *ACS infectious diseases* 7 (1), 47-63.