

Curriculum Vitae



Name: Hayder Zuhair Ali Al-Samra'ay

Date of Birth: 1976

Specialization: Biology

Position: Assistant Professor

Scientific Degree: PhD in Biology/ Molecular Parasitology.

Work Address: Dept. of Biology, College of Science, University of Baghdad

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Scientific Certification:

Degree science	University	College	Date
Ph.D.	Baghdad	Science/ Biology Dept.	2011
Ph.D. visiting studentship	Durham University/UK	Durham University	2009-2010
M.Sc.	Baghdad	Science/ Biology Dept.	2001
B.Sc.	Baghdad	Science/ Biology Dept.	1998

Career:

Career	Workplace	From -To
Assistant lecturer - University teacher	Dept. of Biology, College of Science, University of Baghdad	2003- continued

Teaching courses:

No.	Department	Subject	Year
1	Biology	Parasitology	2012-present
2	Biology	Invertebrates	2012-present
3	Biology	Practical Helminthology	2004-2007
4	Biology	Practical Parasitology	2003-2007
5	Biology	Practical Invertebrates	2003-2007
6	Biology	Practical Entomology	2005-2004
7	Biology	Practical Animal Physiology	2004-2006
8	Biology	Practical General Zoology	2006-2004

Training courses and workshops:

No.	Conferences Title	Year	Place	Type of
1	Bio-Risk Management (CRDF)	2015	Irbid- Jordan	Participant
2	Reducing Biohazard Workshop	2012	National Monitoring office/ Baghdad	Lecturer
3	Biosafety and Biosecurity Workshop	2011	Dept. of Biology, College of Science,	Lecturer
4	First International conference for Genetic Engeneering	2011	University of Baghdad	Lecturer
5	Biosafety and Biosecurity Workshop	2011	National Monitoring office/ Baghdad	Participant
6	Embedding Enterprise in Teaching and Learning	2010	Durham University/ UK	Participant
7	Research Professional Training	2010	Durham University/ UK	Participant
8	Biological Safety course	2009	Durham University/ UK	Special training for postgraduates
9	Category lab II training course	2009	Durham University/ UK	Working in Biology & Chemistry labs
10	Fire fighting	2010	Durham University/ UK	Practical fire fighting
11	PCR medical applications	2009	Al-Nahreen University	Participant

	Educational qualification program	2005	Baghdad University	Participant
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Academic Activities:

- 1- Supervisor of PCR lab in Biology department
- 2- Current member of scientific committee, 2011/2012
- 3- Head of secretary of the 1st scientific conference of biology department, March-212
- 4- Member of scientific committee, 2010-2011
- 5- Member of preparation committee of the 3rd conference of the college of science, 2009
- 7- Computer certificate from the Advisory office for information and computing/ Baghdad University

Research and contribution:

No.	Research Title	Journal	Year
1	Using PCR for detection of cutaneous leishmaniasis in Baghdad	Iraqi Journal of Science	2016
2	Axenic Procyclic Culture of <i>L. tropica</i> and <i>L. donovani</i> in Culture of FBS-free Medium	Iraqi Journal of Science	2016
3	Using of Species-Specific Primers for Molecular Diagnosis of in Vitro Promastigotes of <i>Leishmania donovani</i>	Iraqi Journal of Science	2015
4	Cytotoxicity of miltefosine against <i>Leishmania major</i> promastigotes	Advances in Bioresearch	2012

5	Detection of LTH, FSH and LH hormone level in pregnant women infected with <i>Toxoplasma gondii</i>	International Journal of Recent Scientific Research	2012
6	Endocytosis and sphingolipid scavenging in <i>Leishmania mexicana</i> amastigotes http://www.ncbi.nlm.nih.gov/pubmed/21941657	Biochemistry Research International	2012
7	Studies on the antileishmanial properties of the antimicrobial peptides temporin A, B and 1Sa. http://www.ncbi.nlm.nih.gov/pubmed/21805542	Journal of Peptide Science	2011
8	Exploring <i>Leishmania major</i> Inositol Phosphorylceramide Synthase (LmjIPCS): Insights into the ceramide binding domain.	Journal of Organic & Biomolecular	2011
9	A plate-based assay system for analyses and screening of the <i>Leishmania major</i> inositol phosphorylceramide synthase	The International Journal of	2010
10	Evaluation of cellular immune response in Golden Hamsters experimentally infected with <i>Leishmania donovani</i> comparing with cellular immune response against chicken	Baghdad Journal for Science/Iraq	2012
11	Evaluation of humoral immunity in Golden Hamsters experimentally infected with <i>Leishmania donovani</i>	Baghdad Journal for Science	2007
12	Study of DTH and its relation with experimental infection with to <i>Leishmania</i>	Nahreen University Journal/ Iraq	2007
13	Differential Count of Blood Leukocytes in Golden Hamster Experimentally Infected With <i>Leishmania donovani</i>	Iraqi Journal for Science/Iraq	2006

Conferences:

1- 16th Conference of the college of basic education/ al-mustansiriya university.

Paper published: Alamar Blue assay against in vitro promastigotes and amastigotes of *Leishmania*.

2- First International Conference of Biotechnology Applications/ Al-Nahreen University.

Paper Published: Cytotoxicity of myriocin against axenic culture of *Leishmania mexicana*.

3- First International Scientific conference of Genetic Engineering.

Paper published: Detection of gene expression of serine palmitoyltransferase (SPT2) in mouse cell line RAW264.7 infected with *Leishmania mexicana* amastigotes.

Awards and Certificates of Appreciation:

No.	Name of Awards and Certificates	Donor	Year
1	Certificate of thanks and appreciation	Baghdad University president	Nov. 2012
2	Certificate of thanks and appreciation	Dean of the College of Science	October-2012
3	Certificate of thanks and appreciation	Dean of the College of Science	June 2012
4	First prize - the Sixth Scientific sovereignty Festival of Creativity	Ministry of Youth and Sports	May 2012

5	Certificate of thanks and appreciation	Minister of Higher Education & Scientific Research	May 2012
6	Shield of honor and certificate of Merit.	Baghdad University President	May 2012
7	Certificate of thanks and appreciation	Dean of the College of Science	April 2012
8	Certificate of thanks and appreciation	Baghdad University President	Jan. 2012
9	Certificate of thanks and appreciation	Dean assistant/ Baghdad University	Jan. 2012
10	Certificate of thanks and appreciation	Development and Research organization	Jan. 2012
11	Certificate of thanks and appreciation	University President	Sept. 2011
12	Certificate of thanks and appreciation	Dean of the College of Science	2011
13	Shield of honor and certificate of Merit.	Minister of Higher Education & Scientific Research	2011
14	Certificate of thanks	Baghdad University president	June 2011
15	Certificate of thanks	Dean of the College of Science	April 2011
16	Certificate of thanks	Dean of the College of Science	February 2011

17	Certificate of thanks and appreciation	Minister of Higher Education & Scientific Research	2010
18	Certificate of Merit	Dean of the College of Science	2009

Language:

- ✓ International English Language Testing System (IELTS) certificate from the British Council/ Amman-Jordan.
- ✓ Certificate of Education qualification in teaching methods and the Arabic language.



References:

- 1- Dr Paul W Denny, Biophysical Sciences Institute, Department of Chemistry, Durham University/ UK. p.w.denny@durham.ac.uk
- 2- Dr Hayfa H. Hassani, Dept. of Biology, College of Science, University of Baghdad. hayfahassani@ymail.com
- 3- Dr Harith A. Fahad, Dept. of Biology, College of Science, University of Baghdad. harith_fahad@scbaghdad.com

