

## Curriculum Vitae (CV)



Name: Dr. Wiaam Ahmed Al-Amili

Specialization: Molecular Genetic

Scientific Degree: Assistant Professor

Work Address: Institute of Genetic Engineering & Biotechnology  
for Post Graduate Studies

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### ☒ **First, Scientific Certification**

<b>Name</b>	Wiaam Ahmed Al-Amili	<b>Educational attainment</b>	Ph.D
<b>Scientific degree</b>	Assistant Professor	<b>Date of Scientific degree</b>	31/8/2017
<b>General Specialist</b>	Genetic Engineering and Biotechnology	<b>Micro Specialist/research pathway</b>	Molecular Genetic
<b>Department</b>	Genetic Engineering		
<b>University degrees</b>			
<b>Bachelor</b>			
Baghdad	Science	Biology	1994
<b>Master</b>			
<b>University</b>	<b>College</b>	<b>Department</b>	<b>Year</b>
Baghdad	Science	Genetic Engineering and Biotechnology	2001
<b>The title of the thesis</b>	Isolation , Identification and Genetic Exchange between <i>Vibrio cholera</i> and <i>Pseudomonas aeruginosa</i>		
<b>Supervisor(s)</b>	Dr. Majid Hussein Al-Jilawi - Dr. Zuhair Noman Hamad		

Ph.D			
University	College	Department	Year
Baghdad	Institute of Genetic Engineering & Biotechnology for Post Graduate Studies	Genetic Engineering	2013
<b>Title of Dissertation</b>	Study of Cytogenetic and Molecular Genetic Changes in Some Iraqi Patients With Acute Lymphoblastic Leukemia		
<b>Supervisors</b>	Nuria Abdul Hussain ; Abdul Hussain Al Faisal		

### ☒ **Second : Career**

No.	Career	Workplace	From-To
1	Technical trainer	the College of Nursing / Applied Science Department / University of Baghdad	20/3/1995 - 2/9/1995
	Technical trainer	the College of Health & Medical Technologies	1995-1998
	Msc. Student	University of Baghdad/ College of Science/ Genetic Engineering & Biotechnology Dep.	1998-2001
	Assistant lecturer	The College of Health & Medical Technologies	2001 -2008
2	PhD Student	University of Baghdad / Institute of Genetic Engineering & Biotechnology for Post Graduate Studies	2008-2013
3	Instructor	University of Baghdad / Institute of Genetic Engineering & Biotechnology for Post Graduate Studies / Dept. of Genetic Engineering	2013-2017
4	Assistant Professor	University of Baghdad / Institute of Genetic Engineering & Biotechnology for Post Graduate Studies / Dept. of Genetic Engineering	2017 till now

### ☒ Third :Positions

No.	Position	University / The College	From-To
1	Administrator Media and Website	Baghdad / Institute of Genetic Engineering & Biotechnology	7/1/2014- 16/11/2015
2	Administrator Of Scientific affairs	Baghdad /Institute of Genetic Engineering & Biotechnology	10/11/2015 – 6/3/2016
3	Amanuensis of Institute's council	Baghdad /Institute of Genetic Engineering & Biotechnology	2/10/2016 2019

### ☒ Fourth, University Teaching

No.	University	The College	From-To
1	Middle Technical University	The College of Health & Medical Technologies	2001-2008
2	Baghdad	Institute of Genetic Engineering & Biotechnology	2013- till now



☒ **Fifth, Courses which you teach:**

No.	Department	Subject
1	Clinical Analysis	Diagnostic Bacteria/Bachelor
2	Institute of Genetic Engineering & Biotechnology	Genetic Engineering/Master
3	Institute of Genetic Engineering & Biotechnology	Cancer Biology/Higher Diploma
4	Institute of Genetic Engineering & Biotechnology	Animal Tissue Culture/Higher Diploma
5	Institute of Genetic Engineering & Biotechnology	Bacterial Plasmids/Master
6	Institute of Genetic Engineering & Biotechnology	DNA Damage/Master
7	Institute of Genetic Engineering & Biotechnology	DNA Damage/ ph.D

☒ **sixth, Thesis which was Supervised by:**

No.	Name of Student	Thesis Title	Department	year
<b>Diploma Report</b>				
1	Israa Tareq Al-Naimi	Role of Pax5 Gene in Acute Lymphoblastic Leukemia	Institute of Genetic Engineering & Biotechnology	2014/2015
2	Suad Ibraheem Murad	Clinical Consequences of the Translocation Between Chromosome 4 and Chromosome 14 in Human Multiple Myeloma	Institute of Genetic Engineering & Biotechnology	2014/2015
3	Walaa Ali Salloomi	Study the Therapeutic Effect of Oncolytic herpes simplex virus vector G47 $\Delta$ on Human Breast Cancer	Institute of Genetic Engineering & Biotechnology	2014/2015



4	Alaa Tariq Al-Naimi	Study the Association between <i>S. bovis</i> biotype I ( <i>Streptococcus gallolyticus</i> ) and Colorectal Cancer	Institute of Genetic Engineering & Biotechnology	2015/2016
5	Nyat Mahdi	Study the potential importance of the circulatory tumor cells (CTCs) in breast cancer development and metastasis	Institute of Genetic Engineering & Biotechnology	2016/2017
6	Ali Khaleel Ibrahim Izzat	Studying the association between interleukin genetic polymorphism and lung cancer risk	Institute of Genetic Engineering & Biotechnology	2016/2017
7	Mohammed Adil Jaber	Role of Some Genes Related with Hormones Affected on Ovarian Cancer		2017/2018
8	Fadi Salah Hekmat	Evaluation of the relationship between the polymorphism in androgen hormone receptor Gene and Prostate Cancer Risk		2018/2019
<b>Master Theses</b>				
1	Maysoon Hassan Abdul Razaq	Polymorphisms of multidrug resistance gene (MDR1) (ABCB1) correlate with imatinib response or resistance in chronic myeloid leukemia.	Institute of Genetic Engineering & Biotechnology for post graduate studies	2015 / 2016
2	Haider Jasim Eidi	Investigation of The Synergistic Effect of The Live Attenuated Measles Virus Vaccine and The Omani Frankincense Essential Oil as Anti-Tumor Agents .	Institute of Genetic Engineering & Biotechnology for post graduate studies	2015 / 2016
3	Alaa Rehan	Genetic polymorphism of LDLR gene (SNPs 5925) associated with familial	Institute of Genetic Engineering &	2016 / 2017

		hypercholesterolemia in some Iraqi patients	Biotechnology for post graduate studies	
4	Samar Ali Enad	A Study of the Association of Polymorphisms in the Promoter Region of Interleukin-10 with Leukaemia Susceptibility in Some Iraqi Patients	Institute of Genetic Engineering & Biotechnology for post graduate studies	2017/2018

**☒ Seventh, Conferences which you participated :**

<b>No.</b>	<b>Conferences Title</b>	<b>year</b>	<b>Place</b>	<b>Type of participation</b>
1.	The 1st International Scientific Conference on Environment and Sustainable Development (ISCESD 2013)	29-30/12/2013	Technology University	Research
2.	Second International Scientific Conference of the Institute for Genetic Engineering "Scientific research in community service "	15-16 /10/2014	University of Baghdad/ Institute of Genetic Engineering & Biotechnology for Post Graduate Studies	Research
3.	The 2nd International Scientific conference of Medical and Health Specialties	24-25 /3/2015	Ministry of Higher Education & Scientific Research Middle Technical University	Research
4.	Int'l Conf. on Medical Genetics, Cellular & Molecular Biology, Pharmaceutical & Food Sciences (GCMBPF-2015)	5-6 / 6/ 2015	Istanbul/Turkey	Research
5.	Third Scientific Conference of the Faculty of Veterinary Medicine	18-19/10/2016	University of Kufa	Research
6.	The First Scientific Conference of Medical Sciences	7-8 / 12 /2016	University of Karbala/Faculty of Medicine	Attendance

7.	Third Scientific Conference of the Faculty of Veterinary Medicine/ University of Karbala	10 / 4 / 2017	University of Karbala / Faculty of Veterinary Medicine	Research
8.	The 3 <sup>ed</sup> Scientific International Conference of the Institute for Genetic Engineering (Molecular diagnosis of cancer disease and role in treatment methods development)	25-26/10/2017	University of Baghdad/ Institute of Genetic Engineering & Biotechnology for Post Graduate Studies	Research
9.	the 5th Middle East Molecular Biology Congress and Exhibition 2018	3-6/10/2018	Middle East Molecular Biology Congress/Jordan	Attendance
10.	The 2 <sup>ed</sup> International Scientific Conference of Applied Biotechnology	3-4/4/2019	Al - Nahrain University / Biotechnology Research Center	Attendance
11.	The 2 <sup>ed</sup> Scientific and 1 <sup>st</sup> International Conference of applicable researches and the Patents	9-11/4/2019	Middle Technical University / College of Health and Medical Technology / Baghdad	Attendance
12.	The 4 <sup>ed</sup> Scientific International Conference of the Institute for Genetic Engineering of Biotechnology Towards a new Horizon	29-30/4/2019	University of Baghdad/ Institute of Genetic Engineering & Biotechnology for Post Graduate Studies	Research

**☒ Eighth, Scientific Activities:**

**Within the Institute**

Member of Examining Committee for many Higher diploma & Master Students & Ph.D.

Member of The Preparatory and Scientific Commission for Conferences of the Institute

The establishment of scientific courses in the field of specialist

Head of the volunteering team at the Institute

☒ **Ninth, Research projects in the field of specialization:**

No.	Research title	Reserchers	Place of publication	year
1.	Combines Mating Technique for assessing Conjugal transfer between test Vibrio cholera O1 MZW41 and Pseudomonas aeruginosa W190 .	Wiaam Ahmed Al – Amili	Al-Taqani Journal 21(3) : 54-62	2008
2.	Epidemiological Study of Salmonella typhi Outbreak in Baghdad . Haitham I . Baqir ;	Wiaam A. Al-Amili ; Raya E. Al-Saady; Huda F. Al-Dulaimi.	Al-Taqani Journal 22(4): 67-72	2009
3.	Assessment of DNA Damage in some Acute Lymphoblastic Leukemia Iraqi Patients Using the comet Assay.	Wiaam A. Al Amili ; Nuria Abdul Hussain ; Abdul Hussain Al Faisal	Journal Al Ma'moon University College 21:	2013
4.	Evaluation of Micronucleus and Nuclear Division Index in the Lymphocytes of some Iraqi Patients with Acute Lymphocyte Leukemia.	Wiaam A. Al Amili ; Nuria Abdul Hussain ; Abdul Hussain Al Faisal	Journal of Biotechnology Research Center 7(3) :43-53.	2013
5.	Detection of gtfS Genes with Dental Caries in some Iraqi diabetic patients.	Norrya A. Ali, Halah Kamal AL-Qazzaz and Wia'am Al-Amili	International Journal of Advanced Biological Research 4 (1) : 83-88 .	2014
6.	Evaluation of Oncogene Protein p190/bcr-abl in some Iraqi chronic myelogenous leukemia	Wiaam A. Al-Amili ; Norrya A. Ali ; Abdul Hussein Al-Faisal	Iraqi Journal of Biotechnology, 13 (2): 248-252	2014



	patients			
<b>7.</b>	Comparison Between Traditional and PCR Analysis for Identification of Oral Streptococci with Dental Caries in Iraqi Diabetic Patients .	Halah Kamal AL-Qazzaz Norrya A. Ali Wia'am Al-Amili	Iraqi Journal of Biotechnology, ,13 (2) : 224-236	2014
<b>8.</b>	Genetic Alterations in Iraqi Leukaemia Patients as Indicator for Polluted Environment .	Dr. Abdul Hussein Moyet Al-Faisal ; Dr. Wia'am Ahmad Al-Amili ; Dr. Norrya A. Ali	Tech.Journal, 32,Part (A) ( 13) : 3166- 3174 .	2014
<b>9.</b>	Screening for NOTCH1 Mutations in acute Lymphoblastic Leukemia for Some Iraqi patients Using HRM-PCR .	Wia'am Ahmed Al Amili, Abdul Hussein Moyet AlFaisal, Norrya Abdul Hussein and Khalid Tobal	International Journal of Current Research 6(5): 6736-6739	2014
<b>10.</b>	Molecular rapid Assay on plant Cells : a Test for DNA Damage causes by pollution from Al-Daura thermal power station on Citrus aurantium L. Plants .	<b>Zaid Abdullah Azeez ; Ali Abdul-Amir Al-Salihy ; Wiaam Ahmed Al-Amili</b>	Word Journal of Pharmaceutical Research 4( 12 ) : 1779-1790	2015
<b>11.</b>	Detection of FBXW7 Mutations in Acute Lymphoblastic Leukemia for Some Iraqi Patients Using HRM-PCR.	Wia'am Ahmed Al-Amili , Abdul Hussein Moyet Al-Faisal , Norrya Abdul Hussein, and Khalid Tobal	International Conf. on Medical Genetics, Cellular & Molecular Biology, Pharmaceutical & Food Sciences (GCMBPF-2015) June 5-6, 2015 Istanbul. Conference Proceeding : 88-91.	2015
<b>12.</b>	Detection of Genotoxicity of tobacco Among Cigarette Smokers and	<b>Dr.Al-Faisal AH. M. ;Dr.Al-Amili W.A. ; Mehdi M.S.</b>	The 2 <sup>nd</sup> International Scientific	2015

	Nargila Users.		conference of Medical and Health Specialties . Conference Proceeding 1 <sup>st</sup> Issue:87-93	
13.	<i>n-ras</i> and <i>k-ras</i> Mutations Among Some Iraqi Patients with Acute Lymphoblastic Leukemia.	Wiaam Ahmed Al-Amili, Norrya Abdul Hussein, Abdul Hussein Moyet A-Faisal, Khalid Tobal	Kufa Journal for Veterinary Medicine Science , 7(1B): 87- 96	2016
14.	Relationship between IM Response and the C3435T SNP of <i>abcb1</i> Gene among Some Iraqi CML Patients.	Maysoon Hassan Abdul-Razaq1, Wiaam Ahmed Al-Amili , Abdul Hussein Moyet Al-Faisal	Research Journal of Pharmaceutical, Biological and Chemical Sciences 8(2) : 651-657	2017
<b>15</b>	<b>Detection of DNA Hypermethylation in Blood Samples of Breast Cancer Iraqi Patients</b>	Wiaam A. AL-Amili	Iraqi Journal of Biotechnology 2017 Volume: 16 Issue:2 Pages : 111-116 Publisher: Baghdad University	<b>2017</b>
<b>16</b>	Evaluation of DNA Damage for Some Iraqi Workers Employ in a Wooden Furniture Factories	Wiaam Ahmed Al-Amili	Journal of Kerbala for Agricultural Sciences (Proceeding of the 3ed Scientific Conference of	<b>2017</b>

			the Faculty of Veterinary Medicine /University of kerbala on 10 <sup>th</sup> April 2017	
<b>17</b>	MOLECULAR DETECTION OF MORAXELLA CATARRHALIS ISOLATED FROM CHILDREN INFECTED WITH OTITIS MEDIA	Saife dawood Alahmer ; Dr.Wiaam Al-Amili; Zainab H Al-Asady; Noor I Al-Baiyati	International Journal of Science and Nature., VOL.8 (2) 2017: 197-201	<b>2017</b>
<b>18</b>	Influence of multi-drug transporter gene ABCG2 polymorphism (C421A) in clinical out care in some Iraqi chronic myeloid leukemia patients treated with imatinib mesylate	Maysoon Hasan Abdul-Razq , Wiaam A , Abdul Hussein Moyet Al-Faisal ; Ismail A. Abdulhassan , Shatha S.	Iraqi Journal of Biotechnology Vol 16 No 3	<b>2017</b>
<b>19</b>	Assessment of DNA damage in peripheral blood lymphocytes of workers occupationally exposed to low levels of ionizing radiation in Al-Amal hospital for cancer in Baghdad.	Amel J. Muttar <sup>1</sup> , Wiaam A. Al-Amli Abulsahib K. Ali <sup>1</sup> , Shatha K.K <sup>1</sup> Yasser A. H. <sup>1</sup> , Adul H. A. <sup>1</sup> ,	Iraqi Journal of Biotechnology Vol 16 No 3	2017

	Genetic Polymorphisms SNP (rs5925) of LDLR Gene Associated with Familial Hypercholesterolemia in Iraqi Patients	Alaa Riehan , Wiaam Ahmed Al-Amili	Iraqi Journal of Biotechnology Vol 17 No 2	2018
21	Investigation of Secondary Acute Lymphoblastic Leukemia (sALL) Among Acute Lymphoblastic Leukemia (ALL) Iraqi Patients	Samar Ali Enad , Wiaam Ahmed Al-Amili	Iraqi Journal of Science, 2019, Vol. 60, No.2, pp: 223-227	2019
22	Chromosomal Aberration and Genetic Expression Study in Breast Cancer Patients Undergoing Radiotherapy	AbdulSahib K.Ali ;Wiaam A. Al- Amili,Rafid A. Abdul- Kareem,AmelJ. Muttar ,Shatha K. K. ,Adil H. E.	Iraqi Journal of Biotechnology, 2019, Vol. 18, No.2, pp: 277- 288	2019

**☒ Tenth , Awards and Certificates of Appreciation :**

<b>No.</b>	<b>Name of Awards and Certificates</b>	<b>Donor</b>
<b>1.</b>	<b>Appreciation</b>	<b>Mr. Prime Minister</b>
<b>2.</b>	<b>Appreciation</b>	<b>President of University of Baghdad</b>
<b>3.</b>	<b>Appreciation</b>	<b>Ass. President of Baghdad Univ.</b>
<b>4.</b>	<b>Appreciation</b>	<b>Dean of Institute of Genetic Engineering &amp; Biotechnology for post graduate studies</b>
<b>5.</b>	<b>Appreciation</b>	<b>Dean of the College of Science for Girls/University of Baghdad</b>
<b>6.</b>	<b>Appreciation</b>	<b>Dean of the college of Veterinary Medicine/ University of Fallujah</b>



7.	Shield	University of Baghdad
8.	Shield	Institute of Genetic Engineering & Biotechnology for post graduate studies

☒ **Eleventh, Participation in Courses and Symposiums:**

No.	Course	Place	Type of participation
1	Course in cytogenetic	Mustansiriyah University/ Iraqi Center for Cancer and Medical Genetic Research /	Participant
2	Work shop about using Smart Mail	University of Baghdad/ Institute of Genetic Engineering and Biotechnology for Post Graduate Studies / Section of Quality assurance and academic performance	attending
3	Advanced Course in tissue culture	Mustansiriyah University/ Iraqi Center for Cancer and Medical Genetic Research	participant
4	Symposium in Modern techniques used in the diagnosis of tuberculosis	Karblaa University / College of Veterinary Medicine	Attending
5	Courses in learning how to reading the	Mustansiriyah University/ Iraqi Center for	Participant

	karyotyping for genetic diseases	Cancer and Medical Genetic Research	
6	Symposium in new in cancer treatment	Mustansiriyah Universit/ Iraqi Center for Cancer and Medical Genetic Research /	Attending
7	Symposium in The role of the Human Genome Project in the field of forensics	Al-Nahrain University/Forensic DNA for Research & Training Center	Attending
8	Workshop in the University And the Community And the mechanics of marketing of scientific productions	University of Baghdad / Unit of Marketing of Scientific productions	Attending
9	Symposium in Cancer stem cells - a new theory in the development of cancer	Mustansiriyah Universit/ Iraqi Center for Cancer and Medical Genetic Research /	Attending
10	Courses in Principles of DNA Sequencing	Al-Nahrain University/Forensic DNA Research & Training Center	participant
11	Symposium in How can you publish a papers in an international	University of Baghdad/ College of Al-Khwarizmi Engineering / Section of	Attending

	Journals with impact Factors / ideas and suggestions	Quality assurance and academic performance	
12	Courses in Principles and Applications of Flow Cytometer	Al-Nahrain University /Biotechnology Research Center	participant
13	Symposium in Micro RNA in Cancer-Early Detection and The Possibility of Treatment	AL Mustansiriyah Universit/ Iraqi Center for Cancer and Medical Genetic Research	attending
14	Symposium in the role of genetic engineering in the detection of mines	University of Baghdad/ Institute of Genetic Engineering and Biotechnology for Post Graduate Studies	Chairman
15	Poetry Symposium on Arabic language day	University of Baghdad/ Institute of Genetic Engineering and Biotechnology for Post Graduate Studies	Chairman
16	Course in animal cell culture	Al-Nahrain University /Biotechnology Research Center	participant

⊗ **Twelfth , languages**

- ✓ Arabic
- ✓ English

