

## C.V



**Name: Ayad A. Al-Hamashi**

**Date of Birth: 1981**

**Religion: Muslim**

**Martial statues: Married**

**No. of children: 3**

**Specialization: Pharmaceutical Chemistry**

**Position: Chair of the Department of Pharmaceutical Chemistry**

**Scientific Degree: Lecturer**

**Work Address: College of Pharmacy, University of Baghdad**

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**■ First, Scientific Certification:**

<b>Degree science</b>	<b>University</b>	<b>College</b>	<b>Date</b>
<b>B.Sc.</b>	University of Baghdad	Pharmacy	2004
<b>M.Sc.</b>	University of Baghdad	Pharmacy	2010
<b>Ph.D.</b>	University of Toledo	Pharmacy	2018
<b>Postdoctoral Fellowship</b>	Purdue University	Pharmacy	2018

 **Second, Career:**

No.	Career	Workplace	From-To
1	Clinical Pharmacist	The Ministry of Health	2005-2006
2	Teaching Assistant	University of Baghdad, College of Pharmacy	2006-2010
3	Assistant Lecturer	University of Baghdad, College of Pharmacy	2010-2012
4	Research Assistant	University of Toledo	2012- 2018
5	Postdoctoral fellow	Purdue University, Department of Medicinal Chemistry and Molecular Pharmacology	Jan 2018- Oct 2018
6	Lecturer	University of Baghdad, College of Pharmacy	2018-present
7	Visitor Lecturer	Uruk University, College of Pharmacy	2019-present
8	Visitor Lecturer	Alrafidain University College	2012
9	Examination Committee Vice Chair	University of Baghdad, College of Pharmacy	2020-present
10	Department of Pharmaceutical Chemistry Chair	University of Baghdad, College of Pharmacy	2020-present

 **Third, University Teaching.**

No.	University	The (Institute / College)	From -To
1	University of Baghdad	College of Pharmacy	2010-present
2	Uruk University	College of Pharmacy	2019-pesent
3	Alrafidain University	Pharmacy Department	2012-2012
4	University of Toledo	College of Pharmacy	2015-2016

■ **Fourth, Courses Which You Teach:**

No.	Department	Subject	Year
1	Pharmaceutical Chemistry	Analytical chemistry Lab	2010-2012
2	Pharmaceutical Chemistry	Organic Chemistry Lab	2011-2012
3	Pharmaceutical Chemistry	Pharmaceutical Chemistry Lab	2011-2012
4	Medicinal Chemistry	Med chem Lab 3880 I and II	2015-2016
5	Pharmaceutical Chemistry	Organic Chemistry II	2018-2019
6	Pharmaceutical Chemistry	Pharmaceutical Chemistry II	2019-present
7	Pharmaceutical Chemistry	Pharmaceutical Chemistry III	2019-present
8	Pharmaceutical Chemistry	Pharmaceutical Chemistry IV	2019-present
9	Pharmaceutical Chemistry	Mechanism of Drug Action	2019-present
10	Pharmaceutical Chemistry	Instrumentation	2019-present

■ **Fifth, Thesis which was supervised by :**

No.	Thesis Title	Department	Year
1			
2			
3			
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7			

**■ Sixth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	Syndicate of Iraqi Pharmacists	2008	Baghdad, Iraq	Attendee
2	College of Pharmacy, Mustanseria	2010	Baghdad, Iraq	Attendee
3	Medical City Conference	2010	Baghdad, Iraq	Attendee
4	University of Baghdad, College of Pharmacy	2011	Baghdad, Iraq	Attendee
5	MAGSS 2013	2013	Columbus OH, USA	Attendee
6	MOE CADD	2013	Pittsburgh PA, USA	Attendee
7	ACS National Meeting	2013	Indianapolis IN, USA	Attendee
8	MOE CADD	2014	Pittsburgh PA, USA	Attendee
9	MGRS 2014	2014	Toledo OH, USA	Speaker/ Poster
10	MAGSS 2014	2014	Toledo OH, USA	Speaker/ Poster
11	ACS National Meeting	2014	San Francisco CA, USA	Speaker/ Poster
12	PGSRM	2015	Kentucky KY, USA	Speaker/ Poster
13	AAPS National Meeting	2015	Orlando FL, USA	Speaker/ Poster
14	Graduate Research Forum	2015	Toledo OH, USA	Speaker/Oral Presentation
15	MGRS 2015	2015	Toledo OH, USA	Speaker/Oral Presentation
16	MGRS 2016	2016	Toledo OH, USA	Speaker/ Poster
17	CERM 2016	2016	Covington KY, USA	Speaker/Oral Presentation
18	ACS National Meeting	2016	Philadelphia PA, USA	Speaker/Oral Presentation
19	Lecture for MBC Department	2016	Toledo OH, USA	Speaker/Oral Presentation
20	Advance Leadership Academy	2017	Toledo OH, USA	Attendee
22	ACS National Meeting	2017	Washington DC, USA	Speaker/Poster

23	ASCB Annual Meeting	2018	San Diego CA, USA	Abstract
24	Department of Pharmaceutical Chemistry UOB	2018	Baghdad, Iraq	Speaker/Oral Presentation
25	2 <sup>nd</sup> MMCS Symposium	2019	Barcelona, Spain	Abstract
26	Workshop about COVID-19	2020	Baghdad, Iraq	Speaker/Oral Presentation
27	Kufa International Conference	2020	Najaf, Iraq	Attendee
28	Electronic Teaching Conference	2020	Baghdad, Iraq	Attendee
29	Electronic Exams Workshop	2020	Baghdad, Iraq	Attendee
30	Electronic Exam Committee Workshop	2020	Baghdad, Iraq	Attendee
31	International Webinar of Pharmacy Education and Certification of Accreditation Council for Pharmacy Education	2020	Baghdad, Iraq	Attendee
32	Conducting, Writing and Publishing a Medical Manuscript	2020	Baghdad, Iraq	Attendee
33	The Role of Avifavir in the Treatment of Corona Virus	2020	Baghdad, Iraq	Attendee
34	Innovative Pediatric Oral Drug Delivery System	2020	Baghdad, Iraq	Attendee
35	Combined Teaching Workshop	2020	Baghdad, Iraq	Attendee
36	Novel Approaches in Drug Design	2020	Kufa, Iraq	Speaker/Oral Presentation

### **■ Seventh, Scientific Activities:**

<b>Within the College</b>	<b>Outside the College</b>
Academic Advisor for Several Pharmacy Student Projects	Member of Organizing Committee for MAGGS 2016, Toledo OH, USA
Member of Pharmacy Student Projects Discussion	Participant in Advance Leadership Academy 2017, Toledo OH, USA
Reviewer for IJPS Journal	Reviewer for JDDMC Journal
Member of Scientific Ethics Committee	
Member of the Ministry Committee for Developing the Pharmacy Study Curriculum	

■ **Eighth, Research Projects in The Field of Specialization to**

**The Environment and Society or the Development of Education:**

No.	Research Title	Place of	Year
1	Synthesis of Estrogen-Opioid Peptide Analogues with Expected Analgesic Activity	<i>IASJ</i>	2010
2	HDAC inhibitors as anti-cancer agents	<i>International Patent</i>	2015
3	Largazole Analogues Embodying Radical Changes in the Depsipeptide Ring: Development of a More Selective and Highly Potent Analogue	<i>J. Med. Chem.</i>	2016
4	Small-molecule anticancer agents kill cancer cells by harnessing reactive oxygen species in an iron-dependent manner	<i>Org. Biomol. Chem.</i>	2018
5	A Bioactive Resveratrol Trimer from the Stem Bark of Sri Lankan Endemic Plant <i>Vateria copallifera</i>	<i>J. Nat. Prod</i>	2018
6	Small-Molecule Ferroptotic Agents with Potential to Selectively Target Cancer Stem Cells	<i>Scientific Reports</i>	2019
7	Imidazole-Based Anticancer Agents and Derivatives Thereof, and Methods of Making and Using Same	<i>International Patent</i>	2020
8	Non-Histone Arginine Methylation by Protein Arginine Methyltransferases (Review)	<i>CPPS</i>	2020
9	Discovery of a potent and dual-selective bisubstrate inhibitor for protein arginine methyltransferase 4/5	<i>Acta Pharm. Sin. B</i>	2020

■ **Ninth, Membership:**

- American Chemical Society (ACS)
- American Association of Pharmaceutical Sciences (AAPS)
- Phi Kappa Phi
- Sigma Phi Sigma
- Syndicate of Iraqi Pharmacists

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

No.	Name of Awards and Certificates	Donor	Year
1	Recognition award	Alkindy Hospital	2006
2	Recognition award	Fatima Alzahraa Hospital	2006
3	Recognition award for the best clinical pharmacist in Iraq	Minister of Health	2006
4	Seven recognition letters for the excellence of performance	The Dean of the College of Pharmacy	2006-2020
5	Scholarship for graduate studies at the University of Toledo	Higher Committee for Education Development (HCED) in Iraq	2012
6	Travel Award from the American Chemical Society (ACS)	the Division of Organic Chemistry	2016
7	Second prize for best poster at the Mid-Atlantic Graduate Student Symposium (MAGSS)	University of Toledo	2014
8	Recognition award	Prime Minister Office	2018
9	Recognition award	Minister of Higher Education	2020
10	Recognition award	University of Baghdad	2020

**Twelfth, languages:**

- ✓ Arabic
- ✓ English