

## C.V



**Name: Fadya Yaqoob Kadhim Jassem Al-Hamadani**

**Date of Birth:31/3/1970**

**Religion: Muslim**

**Specialization:Clinical Pharmacy**

**Position: University Lecturer**

**Scientific Degree:PhD in Clinical Pharmacy**

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### **First,Scientific Certification:**

<b>Degree science</b>	<b>University</b>	<b>College</b>	<b>Date</b>
<b>B.Sc.</b>	Baghdad	Pharmacy	1993
<b>M.Sc.</b>	Baghdad	Pharmacy	1999
<b>Assistant lecturer</b>	Baghdad	Pharmacy	2001
<b>lecturer</b>	Baghdad	Pharmacy	2009
<b>Assistant Professor</b>	Baghdad	Pharmacy	2013

<b>Diploma</b>	Cardiff University	Sills Development Service Professional Development	2017
<b>Ph.D.</b>	Cardiff University	Pharmacy	2019

### **Education and Qualifications:**

- 2014-2019 PhD, Cardiff University; Thesis Title: Medicines Management in Care Homes.
- 2017 Diploma in Sills Development Service Professional Development at Cardiff University
- 2013-2014 EFUS Program at Cardiff University
- 1995-1999 MSc in Clinical Pharmacy at School of Pharmacy/University of Baghdad
- 1987-1992 BSc in Pharmaceutical Sciences at School of Pharmacy/University of Baghdad.

### **Membership of Professional Bodies:**

Registered pharmacist with Syndicate of Iraqi Pharmacists since 1992.  
Associate member of the Royal Pharmaceutical Society 2020.

### **External Scientific Activities**

#### **Current:**

Member of Scientific Committee in Clinical Pharmacy department at school of pharmacy/University of Baghdad.

Member of Plagiarism committee in Clinical Pharmacy department at school of pharmacy/University of Baghdad.

#### **Previous:**

1) Member of Scientific Committee in Clinical Pharmacy department at school of pharmacy/University of Baghdad.

2) Member of consultative committee of clinical pharmacy at Ministry of Health-Iraq.

3) Head of continuous education at school of pharmacy/University of Baghdad.

**Peer Reviewer for papers submitted to journals and books to publishers**

- 1) Journal Article Review: African Journal of Pharmacy & Pharmacology.
- 2) Pharmaceutical Drug Regulatory Affairs journal.
- 3) Iraqi Journal of Pharmaceutical Sciences.

### **Invited External Presentations:**

- Poster presentation in FIP conference in Glasgow -2018. Title: 'High risk medications in care homes: a retrospective analysis of administration errors'
- Oral presentation, 3rd World Congress and Exhibition on Antibiotics and Antibiotics Resistance in Milan, Italy, 2017. Title: Antibiotics in care homes- a retrospective analysis of medicines administration records'
- Two posters presentation in Royal Pharmaceutical conference in Birmingham - 2016.
  1. Title: 'Capturing Medicines Waste Data in care home settings- Can We get Right'
  2. 'A Retrospective Analysis of Medicines Administration Records to Quantify Medicines Related Issues'
- Posters presentation Health Services Research and Pharmacy Practice Conference HSRPP in Cardiff -2016. Title: 'The Pharmacist's role in supporting the safe and effective use of medicines in care homes- an exploration of pharmacist interventions.'

### **In Iraq:**

12 International conferences (7 conferences as a participant and 5 with oral presentation).

### **Teaching Responsibilities**

Teaching Responsibilities –

2020: Teaching PhD students Advanced Therapeutics III.

Current 2019-2020: Teaching and assessment of MSc students of in Advanced Applied therapeutics.

Assessment of the MSc students 'seminars.

Previous 1993-2013:

### **1. Lecturer in Clinical Pharmacy Department at School of Pharmacy/University of Baghdad**

Duties included teaching and assessment of fourth and fifth-year students in a variety of areas including:

- Community Pharmacy practice

- • Clinical Pharmacy (teaching sign & symptoms, treatment of different disease conditions which can not be treated by over the counter drugs OTC.
- • Applied Clinical Pharmacokinetics
- • Applied Therapeutics.

Also teaching and assessment of third-year students in Pharmacy law and ethics & second-year students in communication skills.

## **2. Applied Clinical pharmacokinetics lab.**

Duties included teaching techniques for calculating dosage regimens with particular respect to medications with narrow therapeutic index and therapeutic drug monitoring.

## **3. Clinical Pharmacy lab.**

Duties included training fourth-year students dispensing and communication with patients in a clinical pharmacy setting.

## **4. Hospital training**

Duties included training fifth-year students in Obstetric and surgical wards and supervising other pharmacists who were also responsible for the training of students.

## **Postgraduate Supervision**

2014-2015 Supervising 10 MPharm students in their dissertation projects at Cardiff School of Pharmacy and Pharmaceutical Sciences.

2019-2020 Supervising 34 Diploma students in their dissertation projects in clinical pharmacy department at university of Baghdad.

Chairman and member of the examining committee for Diploma and MSc students in Clinical Pharmacy

## **School and University management/administrative/leadership responsibilities**

in School of Pharmacy/University of Baghdad

Current School and University roles:

2019-2020 Head of Scientific Committee in clinical pharmacy department.



Former School roles and universities roles:

- 1995-2013 Head of hospital training
- 2008-2013 Head of Applied Clinical Pharmacokinetics Lab.
- 2009-2011 Head of continuous education in clinical pharmacy department.

In addition, Iraq for over 18 I've worked as a community pharmacist in years. In 2019, I achieved my PhD from Cardiff University in a health-related area 'Medicines Management in Care Homes'.

In my PhD, I've looked at the nursing homes medication administration records MAR charts and identified issues associated with administration of medicines. Also, my PhD project included managing quantitative data related to medicines prescribing in care homes which enrich my research experience in analysing large data set.

### **Rewards and Certifications:**

- 8 Certificates from the Dean of School of Pharmacy/University of Baghdad
- 4 Certificates from the Head of University of Baghdad
- 3 Certificates from the Minister of Higher Education and Scientific Research
- 1 Certificate from the Minister of Health
- 2 Certificates of training from Cardiff University for Continuing Professional Development CPD course

### **Published work:**

**2019** "Medicines Management in Care homes" PhD thesis.

<http://orca.cf.ac.uk/123409/>

**2015** Al-Hamadani F, Kember J, James DH, Manzourani E & Smith M., 2015. *Telehealth Enabled Medicines Management for Care Home Residents*. [An evaluation in partnership with Beacon-Digital Health]. A report for Welsh Government.

**2014** Al-Hamdani F.Y., Al-Mutawalli B.Z., 2014. Evaluation of the predisposing Factors for Recurrent Respiratory Tract Infections in Iraqi Pediatric Patients. *AJPS*, Vol. 14(2), pp. 89-93.

**2013** Al-Hamdani F.Y., 2013. Evaluation of Community Pharmacists' Role in Iraqi Private Pharmacies Iraq. *J Pharm Biomed Sci*, Vol.30(30), pp. 576-582.

**2013** Al-Hamdani F.Y., Al-Mefraji M.M., 2013. Comparative Study Between Glimpiride and Glibenclamide in the treatment of Type 2 Diabetic Patients in Al-Yarmouk Hospital. *THE IRAQI POSTGRADUATE MEDICAL JOURNAL*, Vol.12(3), pp. 366-371.

**2011** Alhamdani F.Y., 2011. Acquired Error in using Antibiotic for Surgery Patients in Iraqi Hospitals. *Iraqi J Pharm Sci*, Vol.20(2), pp. 102-106.

**2010** Al-Hamdani F.Y., 2010. Comparative clinical evaluation of ketotifen and Montelukast sodium in asthmatic Iraqi patients. *Saudi Pharm J*, Vol.18(4), pp.245-249.

**2010** Al-Hamdani F.Y., Al-Mefraji M.M., 2010. Evaluation of Aspirin, Clopidogrel or their Combination in Hypertensive Patients. *AJPS*, Vol. (8(2), pp. 56-63.

**2009** Alhamdani F.Y., 2009. Possible beneficial effects of amlodipine, lisinopril, or their Combination on lipid profile in hypertensive patients. *Iraqi J of Veterinary Medicine*, Vol.33(2), pp.126-137.

**2008** Alhamdani Fadia Y., Alhamdani Faaiz Y., 2008. Single Dose Antibiotic Prophylaxis in Out-patients Oral Surgery-Comparative Study. *Iraqi J Pharm Sci*, Vol.17(2), pp. 41-46.

**1999** "Therapeutic drug monitoring for a test product containing 100mg Atenolol & its bioavailability" M.Sc. thesis.

### **Third: Courses Which He Teaches:**

No.	Department	Subject	Year
1	Pharmaceutics	Pharmaceutical calculation	1994
2	Pharmaceutics	Biopharmaceutics	1995
3	Pharmaceutics	Industrial pharmacy	1996-2001
4	Pharmaceutics	Physical Pharmacy	2006

5	Pharmaceutics	Pharmaceutical Technology	2006-2013
6	Pharmaceutics	Advanced Biopharmaceutics 1&2/ post graduate Master students	2013-2018
7	Pharmaceutics	Ionic Equilibrium / post graduate PhD students	2013-2018
8	Pharmaceutics	Drug production development / post graduate	2013-2018
9	Pharmaceutics	Special problems	2011-2018
10	Pharmaceutics	Advanced pharmaceutical Technology	2013-2018
11	Pharmaceutics	Selected Topics/ Post graduates	2014-2018
12	Pharmaceutics	Advanced Biotechnology for PhD students 3 <sup>rd</sup> semester	2014-2018
13	Pharmaceutics	Advanced Industrial Pharmacy for PhD students 3 <sup>rd</sup> semester	2014-2018
14	Pharmaceutics	Selected topics in pharmaceutics for PhD students 3 <sup>rd</sup> semester	2016-2018

**Fourth, Thesis which was supervised by:**

No.	Thesis Title	Year
1	Formulation of carbamazepine as a normal extended release tablet	2008
2	Formulation and evaluation of diazepam as orodispersible tablet	2009
3	Effect of scintering and microwave on the release of diltiazem hydrochloride from matrix	2009
4	Preparation of a new dosage form of metoclopramide hydrochloride as orodispersible tablet	2009

5	Preparation and characterization of floating cinnarizine beads	2011
6	Formulation invitro and exvivo evaluation of mucoadhesive buccal films of silibillin	2012
7	Design and invitro evaluation of meloxicam colon targeted tablets	2012
8	Formulation and evaluation of piroxicam liquisolid compact	2013
9	Preparation and evaluation of sustained release flurbiprofen capsules	2014
10	Formulation and evaluation of clopidogrel tablet incorporating drug nanoparticles	2014
11	Formulation and evaluation of telmisartan liquisolid compact	2014
12	Preparation and evaluation of meloxicam microsponges as transdermal drug delivery system	2014
13	Telmisartan microsphere as oral delivery system PhD thesis	2015
14	Formulation and evaluation of candesartan cilexetil nanoemulsion	2016
15	Formulation and characterization of acyclovir nanoemulsion	2016
16	Formulation and characterization of itraconazole nanoemulsion	2016
17	Phytochemical study of some citrus species including tangerine and Citrus aurantium grown in Iraq\ PhD	2017
18	Development and evaluation of darifenacin hydrobromide loaded nanostructured lipid carriers for oral administration	2017
19	Development and invitro evaluation of cefdinir solid nano emulsion	2017

• **Fifth, Conferences which participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	Pharmacy syndicate	1999	Baghdad	Participant
2	College conference	2000	Baghdad	Participant
3	Work shop for WHO	2007	Amman	Participant
4	College conference	2004	Baghdad	Participant



5	College conference	2008	Baghdad	Participant
6	Alyarmook University 1 <sup>st</sup> Conference	2011	Baghdad	Researcher
7	Almustansyrria college of conference Pharmacy	2011	Baghdad	Researcher
8	/College of Pharmacy	2011	Baghdad/Coll ege of	Researcher
9	Baghdad medical city conference	12-2011	Ministry of health	Researcher
10	8Workshops in College of Pharmacy University of Baghdad	2012	Baghdad/ College of Pharmacy	Researcher & Participant
11	<b>First Scintific conference for quality control</b>	<b>2012</b>	<b>Baghdad Sheratoon hotel</b>	Researcher
12	<b>Clinical pharmacy conference</b>	<b>2012</b>	<b>Medical City/ Ministry of Health</b>	<b>Chief of session</b>
13	50seminars or workshops in the area of Pharmacy, Industrial Pharmacy, Pharmacy education, Bioequivalency studies, Clinical Pharmacy and Pharmaceutical care		-Ministry of higher education -Ministry of health -Ministry of industry	Researcher or Participant

• **Sixth, Scientific Activities:**

<b>Within the College</b>	<b>Outside the College</b>
Examination committee	Registration committee/ ministry of health
Chairman of the committee of graduate	Chairman of the committee of Deans of college of pharmacy
Dean assistant for student affairs	Nanotechnology participant

Chairman of the educational committee	Chairman of the Deans Commity of Colleges of Pharmacy
Dean of college of pharmacy	Chairman of the learning quality of the colleges of pharmacy in Iraq.
Manager of the Iraqi journal of pharmaceutical sciences	
Chairman of the scientific committee	

- **Seventh, Research Projects in The Felid of Specialization to The Environment and Society or the Development of Education:**

No.	Research Title	Place of Publication	Year
1	Formulation and Optimization of Orodispersible Tablets of Diazepam	AAPS PharmSciTech Volume 11, Number 1, 356-361 (USA)	2010
2	Kneading Technique for Preparation of Binary Solid Dispersion of Meloxicam with Poloxamer 188	AAPS PharmSciTech. 2009 December; 10(4): 1206–1215	2009
3	Formulation and evaluation of piroxicam liquisolid compacts ASA Jabbar, AA Hussein	International Journal of Pharmacy and Pharmaceutical Sciences 5 (1),132-141	2013
4	Preparation and evaluation of liquid and solid self-microemulsifying drug delivery system of mebendazole	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683–3597) 23 (1), 89-100	2014
5	Preparation and characterization of cinnarizine floating oil entrapped calcium alginate beads	International Journal of Pharmaceutical Sciences and Research 3 (2), 501	2012
6	Formulation and evaluation of clopidogrel tablet incorporating drug nanoparticles	Int J Pharm Pharm Sci 6, 838-851	2014

7	Preparation and Evaluation of Meloxicam Microsponges as Transdermal Delivery System	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597) 23 (2), 62-74	2017
8	Formulation and characterization of carvedilol nanoemulsion oral liquid dosage form	International Journal of Pharmacy and Pharmaceutical Sciences 7 (12), 209-216	2015
9	Preparation and characterization of meloxicam colon targeted coated tablets	Int. J. Pharm. Pharm. Sci 5 (1), 338-342	2013
10	Preparation and evaluation of cefixime nanocrystals	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597) 23 (2), 1-12	2017
11	Effects of mucoadhesive polymers combination on the properties of lisinpril buccal tablets prepared by wet	Int J Pharm Pharm Sci 5 (4), 340-3	2013
12	Factors affecting the formulation of Carbamazepine extended release tablet	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597, ESSN: 2521-3512	2017
13	Phytochemical investigation of flavonoids in different fruit parts of Iraqi sour orange	World J. Pharm. Pharm. Sci 5, 246-256.	2016
14	Phytochemical investigation of synephrine in the fruit peels of Iraqi sour orange	World J. Pharm. Pharm. Sci 5, 246-256.	2016
15	Extraction, Identification and Isolation of B-sitosterol from Iraqi Wild Awsaj plant (Lycium barbarum) Using UAE (Probe	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597, ESSN: 2521-3512 ...	2017
16	Oral solid self-nanoemulsifying drug delivery systems of candesartan citexetil: formulation, characterization and in vitro drug release studies	AAPS Open 3 (1), 6	2017

17	Formulation Characterization and Evaluation of Meloxicam Nanoemulgel to be Used Topically	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597, ESSN: 2521-3512 ...	2017
18	Oral nanoemulsions of candesartan cilexetil: formulation, characterization and in vitro drug release studies	AAPS Open 3 (1), 4	2017
19	Preparation and Characterization of Poly (D, L-Lactide-Co-Glycolide) Microspheres for Controlled Release of KSL Peptide	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597) 16 (1), 26-33	2017
20	Preparation and Characterization of Biodegradable Microspheres Containing Sertraline Hydrochloride	LH Samein, AA Hussein, AA Abdulrasool, JA Faraj Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597, ESSN:	2017
21	Preparation of a New Dosage Form of Metoclopramide Hydrochloride as Orodispersible Tablet	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597, ESSN: 2521-3512	2017
22	Dissolution method development and enhancement of solubility of clopidogrel bisulfate	INTERNATIONAL RESEARCH JOURNAL OF PHARMACY 8 (6), 25-29	2017
23	Telmisartan sponglike particles as oral capsule : Effect of polymer type and concentration on the formulation properties	kerbala journal of pharmacy and pharmaceutical science 10, 1-17	2015
24	Formulation and Evaluation of Domperidone Nanoemulsions for Oral Rout	Iraqi Journal of Pharmaceutical Sciences (ISSN: 1683-3597, ESSN: 2521-3512 ...	2015
25	Dissolution Enhancement of Telmisartan by Liquisolid Compacts	International Journal of Pharmacy and Pharmaceutical Sciences 6, 4-6	2014



26	preparation and evaluation of oral microsphere drug delivery system of ketoconazole	AJPS14 (1)	2014
27	Determination of Atenolol in Human Plasma by New HPLC Method with Fluorescence Detection for Pharmacokinetics	karbala journal of pharmaceutical sciences 7 (70272221), 238-261	2014
28	Using of Sintering and Microwave Techniques to Control the Release of Trifluoperazine HCl from Wax	AJPS 7 (1), 43-56	2010
29	Preparation and in vitro Evaluation of Ketoprofen Solid Dispersion System	DIYALA JOURNAL FOR PURE SCIENCES 6 ((1992-0784)), 149-162	2010
30	determination of losartan and losartan carboxylic acid in human plasma by new hplc method with fluorescence	Al-Mustansiriyah Journal for Pharmaceutical Sciences 14 (2), 63-77	2014
31	<b>Formulation of carbamazepine as an oral extended release tablet</b>	<b>Iraqi J.Pharm. Sci.</b>	<b>2008</b>
32	<b>Using of sintering and microwave technique to control the release of trifluoperazine hydrochloride from wax matrix</b>	<b>Iraqi J.Pharm. Sci.</b>	<b>2008</b>
33	<b>Factors effecting the formulation of mefenamic acid as suspension dosage form</b>	<b>Iraqi J.Pharm. Sci.</b>	<b>1996</b>
34	<b>Factors effecting the release of mefenamic acid from suspensions</b>	<b>Iraqi J.Pharm. Sci.</b>	<b>1996</b>

- **Eighth,Membership:**

**\*Dean of college of pharmacy university of baghdad 2013-2018 till know.**

**\*Chairman of the Deans Committee of Colleges of Pharmacy 2014-2018 till now.**

**\*Chairman of the learning quality of the colleges of pharmacy in Iraq.2016-2018**

**• Ninth , Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	Appreciation/30	College	1986-2013
2	Appreciation/13	University of Baghdad	2006-2018
3	Appreciation\10	Ministry of higher education and other ministries	2006-2018

✓ Tenth, languages:Arabicand English