



CURRICULUM VITAL

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1- Personal Data			
Full name	Faiq Hama Saeed Hussain		
Surname	Hussain		
Date of birth	01/07/1953	Place of birth	Sulaimani
Gender	Male		
Home address	Iraq- Erbil- Teacher' s district 76-3/4875		
Nationality	Iraqi		
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E. mail	faiq.hussain@tiu.edu.iq and faiqhussain53@yahoo.com		
Identification Card No.	00979310	17/09/2015	
Date of first Assignment in University	17/ 01/ 1980		
2- Languages			
Kurdish	All skills		
Arabic	All skills		
English	All skills		
3- Qualifications (Education)			
Degree	From- To	College/university	Country
B.Sc.	1972- 1976	Chemistry/Science/Sulaimani	Iraq
M.Sc.	1976-1978	Chemistry/Science/Sulaimani (Some synthetic reactions of malonyl chloride)	Iraq
Ph.D.	1982-1985	Manchester (UMIST) (Synthetic studies related to β -lactam, Natural products)	UK
4- Specialization :			
General: Organic chemistry Subspecialty: Organic synthesis and Natural products (Phytochemistry)			

5- Academic Titles		
Academic title	Date of Attainment	
Assistant lecturer	17/01/1980	
Lecturer	04/12/1985	
Assistant professor	10/11/1990	
Professor	04/10/2003	
6- Experience: Teaching Activities		
Subject	Stage- college	Form –To
Organic Chemistry	1 st year-Chemistry Department (College of Science)	1980-1982 1986-1990
Organic Chemistry	2 nd year-Chemistry Department (College of Science)	1990-1998
Organic Chemistry	3 rd year-Chemistry Department (College of Science)	1998-2004
Spectroscopy	4 th year-Chemistry Department (College of Science and Education)	1991 till now
Natural products	4 th year-Chemistry Department (College of Science and Education)	1986-2005
Spectroscopy	5 th year- College of pharmacy	2005-2006
Stereochemistry	2 nd year-Chemistry Department (College of Science)	1995-2003
Advanced spectroscopy	M.Sc. and Ph.D study (College of Science, Education, Pharmacy and Agriculture)	1994 till now
Advanced Stereochemistry	M.Sc. and Ph.D study (College of Science, Education, Pharmacy)	1996-2014
Advanced organic reaction and mechanism	M.Sc. and Ph.D study (College of Science, Education, Pharmacy and Agriculture)	2000-2008
Natural products and phytochemistry	M.Sc. and Ph.D study (College of Science, Education, Pharmacy and Agriculture)	2002 till now
7- Main Training Courses		
Course	Year	Place
Teaching methods	1987	Salahaddin University-Erbil
An intensive course in pharma-chemistry	1990	University of Baghdad
Computer training of windows, word, and excel	2000	Salahaddin University-Erbil
Powerful Techniques (IR, ¹ H-NMR, ¹³ C-NMR and MS)	2014	Salahaddin University-Erbil
Importance of Stereochemistry in Science	2019	Tishk International University
8-Scientific Conferences Participation		
Conference	Year	Place
8 th Scientific Conference of the Iraqi Chemical Society	1978	Sulaimani-Iraq

13 th Scientific Conference of the Iraqi Chemical Society	1986	Erbil-Iraq
73 rd Canadian Chemical Conference	1990	Dalhousie-Canada
3 rd Scientific Conference of Salahaddin University	1997	Erbil-Iraq
1 st Scientific Conference of Sulaimani University	2000	Sulaimani-Iraq
1 st Arab Chemistry Conference	2001	Amman-Jordon
XXI Italo- Latinoamerican Conference of Ethnomedicine	2012	Salerno-Italy
2 nd International Conference on Chemical and Biological Process	2013	Kuala Lumpur-Malaysia
International Conference on Medicinal and Pharmaceutical Chemistry	2016	Dubai-UAE
9- Professional Memberships		
Name		Date
Iraqi Chemical Society		1976-1991
Kurdistan Chemical Society		2000 till now

10- Assignments and posts (Job Experience)			
Post	From-To	College	University
Head of Chemistry Department	1992-1998	Science	Salahaddin
Editor in the Journal of Science and Nature	1989-1992	Science	Salahaddin
Chief of Examination Committee	1994-2004	Science	Salahaddin
Member of the Scientific and high education committee	1991 - Present	Science	Salahaddin
Director of TIU-Research Center	2017 - Present	Research Center	Tishk International University

11- Publications		
Titles		Journal
1	Reaction of Malonyl chloride with cyclopropane carbonitrile	Iraqi J.Sci., Vol.21, No.4, 721(1980)
2	A convenient method of Pyridine derivatives	ZANCO, Vol.6, No.1, 131(1980)
3	Reaction of Malonyl chloride with Nitriles without α -Methylene group	Iraqi J.Sci., Vol.22, No.1, 18(1981)
4	The synthesis of Penicillanate esters from ultrasonically formed organozinc intermediates	Synthesis No.8, 749 (1985)
5	4-Fluoroazetidinone derivatives from secopenicillate Sulphonium tetrafluoroborates	Tetrahedron Letter, Vol. 27, No. 27, 3199 (1986)
6	Fatty acids composition of Red and Brown Rhus coriaria Fruits in Northern Iraq	ZANCO, Vol.2, No.3, 63(1989)
7	Chemistry of Nine-membered Heterocyclic-I: Synthesis and Oxidation of N,N'-Ethylene thiodiacetmide	ZANCO, Vol.4, No.1, (1991)
8	A study of Reformatsky Reaction by using Ultrasonic Waves Techniques	J.Sci., Nat., Vol.2, No.1, 5(1993)
9	Chemical Studies of Iraqi sumac Fruit Rhus coriaria L.	J.Sci., Nat., Vol.3, No.1, 5(1994)
10	Clemmensen Reduction of some monoketones by Ultrasonic Wave Technique.	ZANCO, Vol.2, 221 (1998)
11	B- Lactam synthesis by Ultrasonic promoted Reformatsky reaction.	ZANCO, Vol.2, 175 (1998)
12	Chemical and Biological Studies of Nigella sativa L. seeds	ZANCO, Vol.2, 233 (1998)
13	Synthesis of some Oxopyrano-Oxazine compounds from the reaction of Malonyl chloride with organonitriles	Journal of Zankoy Sulaimani (JZS), part A, Vol.3, No.1, 23(2000)
14	Reaction of Malonyl chloride and other Acyl chloride with Amino Nitriles	ZANCO, Vol.12, No.1, 43 (2000)
15	Preparation of Bis-N,N-p-Substituted Malono and Succinanilides Observation on the effect of substituents	Journal of Dohuk University, Vol.4, No.2, 182(2001)
16	Synthesis of some Chloropyrano-1,3-Dioxin compounds from the reaction of Malonyl chloride with Ketones	Kurdistan Academician Journal (KAJ), part A, Vol.1, No.1, 61(2001)

17	Separation and Characterization of Fenugreek seeds Proteins	Deutsche Lebensmitti-Rundschan, Vol.98, No.1, 14(2002)
18	Fatty acids composition of Seed and Flesh oil of Prunus microcarpa Fruit	JZS, Vol.6, No.1, 51(2003)
19	Synthesis and Oxidation of N,N`-(o-phenylene) Thioacetmide	KAJ, Vol. 2A, No.1, 23(2003)
20	Synthesis of some new p-phenylene-Bis-[4-substituted benzo-azetidone-2-one]- via the Ultrasonic Promoted Reaction	ZANCO, Vol.15, No.2, 5 (2003)
21	Synthesis of some new Coumarin-3-carboxylic acid compound By Ultrasonic Promoted Knoevenagel condensation	JDU, Vol.7, No.1, 49 (2004)
22	Analysis of Flavonoid compounds in the Fruit of Prunus Microcapra	JZS, part A, Vol.7, No.1, 37(2004)
23	Lipids and Sterols from Plantago ovate Frosk seeds growing in Iraq	ZANCO, Vol.16, No.4, 17 (2004)
24	Hypoglycemic Activity of Aqueous Extract and Sequential Solvent Extract of Medicago sativa (Lucern) Flower in Normal and Alloxan Induced Diabetic Mice	Polish Journal of Applied Chemistry L III, No.4, 295 (2009)
25	Separation and Characterization of Active Proteins from (Rheum Ribes Roots) which have Hypoglycemic Activity in Normal and Alloxan Induced Diabetic Mice	Polish Journal of Applied Chemistry L III, No.4,303 (2009)
26	Synthesis of some 5-Substituted Dipyrromethane By Ultrasound Irradiation	ZANCO, Vol.22, No.4, 17 (2010)
27	Synthesis and Characterization of some new pyrazoline derivatives derived from 2,4-dihydroxy benzaldehyde.	Proceeding of 2 nd international conference on chemical and biological processes(ICCBP-2013)
28	Chemical composition and Antimicrobial Activity of the Volatile Fractions from leaves and flowers of the wild Iraqi Kurdistan plant , Prangos peucedanifolia FENZL	Chemistry and Biodiversity, Vol.10, 274 (2013)
29	Separation and Characterization of some new Bis-Chalcone and their transformation to Bis-thiocabomoyl-2-pyrazoline derivatives	Journal of University of Zakho, Vol.1., (A), No,1, 210 (2013)

30	Antioxidant and Free Radical Scavenging Activity of Tulpa Systola Roots, Leaves and Flowers collected in the Kurdistan Region of Iraq	Advances in Life Science and Technology, Vol.34, 14 (2015)
31	ICP-AES/ICP-MS Elemental Analysis of Tulpa Systola Stapf growing in Kurdistan Region of Iraq	J. Pharm. Sci. Innov., Vol.3, No.4. 165 (2015)
32	The main constituent of Tulipa systole Stapf. roots and flowers; their antioxidant and allergenic activities	Natural Products Research GNPL-2016-1199. R2
33	Phytochemistry and Ethnopharmacology of some Medicinal plants used in the Kurdistan Region of Iraq	Natural Product Communications Vol.11, No.3, 291(2016)
34	Fatty Acid and Characterization from Flowers of Tulpia systola stapf. Using Gas-Chromatography-Mass Spectrometry (GC-MS).	Journal of University of Zakho, Vol.4 (A), No.2, (2016)
35	ICP-AES/ICP-MS Determination of Elemental Analysis of Aerial parts and Roots of Iris persica L. collected in Kurdistan Region of Iraq	J. Pharm. Sci. Innov., Vol.5, No.3, 1 (2016)
36	Characterization and Quantification of some Esters of Fatty Acids from Iris persica L. Bulbs by GC-MS analysis	Zanco, Vol. (28), No. (3), 32, 2016
37	Preliminary Phytochemical Screening of Iris persica L. (Flowers, Leaves, Bulbs and Rhizomes) collected in Kurdistan Region-Iraq	Journal of University of Zakho, Vol.4 (A), No.1, (2016)
38	Determination of Some Elements from Wild pterocephalus nestorianus Nab., Growing in Kurdistan/ Iraq Using ICP-AES/ICP-MS	Zanco, Vol.29, No.1, (2016)
39	Phytochemical Investigation and Anti-oxidation Activity of Different Solvent Extracts of pterocephalus nestorianus Nab., Growing in Kurdistan/ Iraq	Journal of University of Zakho, Vol.4 (A), No.2, (2016)
40	Phytochemistry and Ethnopharmacology of some Medicinal plants used on Safeen Mountain in the Kurdistan Region of Iraq	Natural Product Communications Vol.11, No.12, 1923 (2016)
41	Chemical Composition and Anti-fungal Activity of Essential Oils from Flowers, Leaves, Rhizomes, and Bulbs of the Wild Iraqi Kurdish plant Iris Persica	Natural Product Communications Vol.12, No.3, 441 (2017)
42	A new Iridoid Dimer and other constituents from the Traditional Kurdish Plant Pterocephalus nestorianus NABELEK	Chem. Biodiversity, 14, (2017), e1600281

43	Composition, Antifungal and Antiproliferative Activities of the Hydrodistilled Oils from Leaves and Flowers Heads of <i>Pteroccephalus nestorianus</i> NABELEK	Chem. Biodiversity, 14, (2017), e1700009
44	Bioactive Constituents from the Traditional Kurdish Plant <i>Iris persica</i>	Natural Product Communications Vol.13, No.9, 1127-1128 (2018)
45	Synthesis of 2-heterosubstituted cyclopent-2-en-1-ones: a preliminarily study of the strategic design of antiviral compounds	Arkivoc, part VII, 201-213 (2018)
46	The Easy Approach to N-Hydroxy-N-cycloalkenyl-amides through Nitrosocarbonyl Ene Reactions to Cycloalkenes: Valuable Compounds for Antiviral Syntheses	Synthesis, Vol. 50, Issue 23, (2018)
47	Ultrasound-Assisted Synthesis of Some New N-(Substituted Carboxylic Acid-2-yl)-6-Methyl-4-Substituted Phenyl-3, 4-Dihydropyrimidine-2(1H)-One Carboxamides	EAJSE, Vol. 4, Issue 2 (2018)
48	A Comprehensive Review on Pharmacognostical and Pharmacological Characters of <i>Anchusa azurea</i>	Advances in Medical, Dental and Health Sciences (AMDHS), Vol. 2, Issue 3, 2019

12- Supervision of Postgraduate Students

No.	Student Name	Degree	Thesis Title	Year of Thesis Debate
1	Kaukab Kakus Toma	M.Sc.	A Study of Reformatsky Reaction by Using Ultrasonic Waves Technique	1989
2	Nafii Hamadi Abdulla	M.Sc.	Chemical and Biological Studies of <i>Rhus coriaria</i> L.	1990
3	Bushra Hana Marbeen	M.Sc.	β -Lactam Synthesis by Ultrasonic Promoted Reformatsky Reaction	1994
4	Shelan Hana Boya	M.Sc.	Clemmensen Reduction of Some Monoketones by Ultrasonic Waves Technique	1995
5	Sawar Ibrahim Maulood	M.Sc.	Chemical and Biological Studies of <i>Nigella sativa</i> L. seeds	1996
6	Jala Bahgat Zewar	M.Sc.	Chemical and Biological Studies of Fenugreek seeds	1997
7	Farouq Emam Hawaiz	M.Sc.	Synthesis of Some Heterocyclic and Amine Salt Compounds From the Reaction of Malonyl Chloride	1998

8	Nawroz Omer Mohammad	M.Sc.	Synthesis of Some Heterocyclic Compounds From Reaction of Malonyl Chloride With Ketones	1999
9	Dahlia Arif Abdule	M.Sc.	Synthesis and Oxidation of Some (N,N'-Ethylene and N,N'-Phenylene) Thio Diamine Cyclic Compounds	2000
10	Sirwa Nasradin Majid	M.Sc.	Isolation and Identification of Some Chemical Constituents From the Fruit of <i>Prunus microcarpa</i>	2001
11	Safea Sabir Taha	M.Sc.	Synthesis and Spectroscopic Studies of Some Coumarine -3-Carboxylic Acid Compounds by Ultrasonic Promoted Knoevenagel Reaction	2001
12	Alaadin Mohammad Alaadin	M.Sc.	Phytochemical Investigation of <i>Plantago ovate</i> Forsk Seeds Growing in Iraq	2002
13	Lana Hadi Chawishli	Ph.D.	Synthesis and Spectroscopic Identification of Some New Benzo [C] Fluoride, Diimine Compounds and Bis- β -Lactams Synthesis Using Ultrasonic Waves	2005
14	Farouq Emam Hawaiz	Ph.D.	Microwave, Ultrasonic and Solvent-Free Assistance Synthesis of Some New Chalcones & Their Transformation into Pyrazoline Derivatives	2007
15	Burhan Ahmed Saleh	Ph.D.	Separation and Biochemical Studies of Some Hypoglycemic Active Components in Alfa-alfa and Rhubarb Plants	2007
16	Bahar Rahman Ismail	M.Sc.	Synthesis and Spectroscopic Studies of Some New Benzothiazole Derivatives	2008
17	Karzan Khaleel Hameed	M.Sc.	Synthesis and Spectroscopic Studies of Some New 3,4-dihydropyrimidine-2(1H)-one Derivatives	2010
18	Haval Osman Abdulla	M.Sc.	Synthesis and Spectroscopic Study of Some New Bis-(Dihydropyrimidineones-5-Carboxamide) by Using Ultrasonic Technique	2011
19	Peshawa Shafiq Osw	M.Sc.	Chemical and Antimicrobial Studies of <i>Anchusa azurea</i> Mill.	2011
20	Pshtiwan Adel Masum	M.Sc.	Chemical and Antimicrobial Studies of <i>Scorzonera papposa</i> DL.	2012
21	Hussein Kaka Ahmed Khudhur	M.Sc.	Synthesis and Characterization of Some New Symmetrical Bis-Isatins Derived From p-Substituted Aromatic Amine	2014
22	Hawraz Ibrahim M.Amin	Ph.D.	Phytochemical & Pharmacological Studies of <i>Iris persica</i> : Isolation and Identification of	2016

			Bioactive Compounds by Using Different Chromatographic and Spectroscopic Techniques	
23	Mohammed Farhad Ibrahim	Ph.D.	Isolation, Characterization and Biological Activities of Some Phytoconstituents From Kurdistan <i>Tulipa systole</i> Stapf.	2016
24	Fuad Othman Abdulla	Ph.D.	A New Iridoid Dimer and Main Chemical Constituents From <i>Pterocephalus nestorianus</i> ; Isolation, Spectroscopic Identification and Bioassay Screening	2017
25	Dahlia Arif Abdule	Ph.D.	Synthesis of Some New Class of Bis- α -aminobenzylphenols by Bitti Reaction	In Progress
26	Karzan Khaleel Hameed	Ph.D.	Synthesis and Characterization of Some New Nucleoside From Cyclopentenone	In Progress
27	Sarbast Muhammed Ahmed	Ph.D.	Cyclopentenone-Based Nucleoside Analogues Synthesis	In Progress
28	Aso Hameed Hasan	Ph.D.	Retrosynthesis Pathway of Coumarin	In Progress

13- Other Relevant Information	
1-	Gave lectures in different workshops organized by (WHO) in Erbil, Sulaimani, and Duhok-Iraq
2-	Head of research Group pf PROKURD Project between Salahaddin University and Pavia University- Italy
3-	Have Join Project with EMU University – Cyprus
4-	I have shared discussions of more than 50 M.Sc. and Ph.D. Thesis
5-	Head of Promotion Committee for 12 years