

CURRICULUM VITAE (C.V.)

Assistant prof.

Dr. Ali Hussein Raheemah Al-Daraji

PhD., M.Sc., B.Sc

Lecturer of Organic Chemistry

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Place and date of birth:	Baghdad, Iraq, 13 th August 1976
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DETAILS OF EDUCATION AND CAREER

Qualifications:

Ph.D., in organic chemistry from the University of Sheffield in the United Kingdom on 28/05/2019. Thesis title is (The Approaches toward the Synthesis of Pseudaminic acid Inhibitors, Development of the Synthesis of β -hydroxymethylene phosphonates and α -fluoro- β -hydroxymethylene phosphonates), Under the supervision of Professor Simon Jones.

M.Sc., in Organic and Liquid Crystal Chemistry, awarded from the College of Education / Ibn – AL-Haithum, University of Baghdad, Iraq on 11th January 2002 with grade of (very good). Desertation title is (Synthesis and characterization of 1,2-*O*-Isopropylidene-3-*O*-benzoate- α -D-xylofuranose Derivatives and the study of their liquid crystalline properties) The degree was taken by two years: First year : i) Lectures and examinations ii) Special research techniques “synthesis and physical properties of liquid crystal materials”. Second year involving thesis entitled "Synthesis and characterization of two novel series containing central Bis-1,3,4- oxadiazole rings and studies of their liquid crystalline properties" under the supervision of Prof. Dr. Amar H. S. AL-Dujaili. And Prof. Dr. A. A. Mukhlis

B.Sc., in general chemistry, awarded from the College of Education / Ibn – AL-Haithum, University of Baghdad, Iraq on 30th June 1999 with grade of (fair).

MAIN AREA OF RESEARCH AND SCHOLARLY INTERESTS

1. My present interest in research is directed in one on the synthesis and characterization of liquid crystalline models and polymers, containing mesogenic, non-mesogenic, heterocyclic units. IR, HNMR, Mass spectroscopy, differential scanning calorimetry (DSC), hot-stage polarizing microscopy usually used for characterize these materials.
2. My research is also directed on the study of antimicrobial activity of organic compounds containing heterocyclic units like oxadiazole , thiadiazole , triazole , oxazole and others.

LIST OF PUBLICATIONS

Synthesis, Antimicrobial Evaluation and Docking Study of Novel 3, 5-Disubstituted-2-Isoxazoline and 1, 3, 5-Trisubstituted-2-Pyrazoline Derivatives
AH Ismail, AM Abdula, IHR Tomi, AHR Al-Daraji, Y Baqi
Medicinal Chemistry 17 (5), 462-473, 2021

Highly diastereoselective metal-free catalytic synthesis of drug-like spiroimidazolidinone

AM Jassem, AH Raheemah, WA Radhi, AM Alid, HA Jaber
Russian Journal of Organic Chemistry 55 (10), 1598-1603, 2019

Synthesis and Antibacterial Activity of Some Novel Schiff S-Bases Compounds Containing Oxadiazole Ring

JH Tomma, AH Raheema, IH Rouil
Ibn AL-Haitham Journal For Pure and Applied Science 18 (1), 41-49, 2019.

Synthesis, characterisation and mesomorphic behaviours of non-symmetrically substituted 1, 2, 4-and 1, 3, 4-oxadiazole derivatives

IHR Tomi, MMAR Al-Obaidy, AHR Al-Daraji
Liquid Crystals 44 (4), 603-608, 2017

Synthesis, antimicrobial and docking study of three novel 2, 4, 5-triarylimidazole derivatives

IHR Tomi, AHR Al-Daraji, AM Abdula, MF Al-Marjani
Journal of Saudi chemical society 20, S509-S516, 2016

Novel bent-core mesogenic of 4-amino-triazole derivatives: synthesis, characterization and liquid crystalline study

IHR Tomi, AHR Al-Daraji, ZHJ Al-Qaisi, DTA Al-Heetimi, AHJ Al-Qaisi
Tetrahedron 72 (29), 4390-4399, 2016

Synthesis, characterization and comparative study the microbial activity of some heterocyclic compounds containing oxazole and benzothiazole moieties

IHR Tomi, JH Tomma, AHR Al-Daraji, AH Al-Dujaili
Journal of Saudi Chemical Society 19 (4), 392-398, 2015

Synthesis, characterization, and study the inhibitory effect of thiazole and thiadiazole derivatives toward the corrosion of copper in acidic media

IHR Tomi, AHR Al-Daraji, SA Aziz
Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal, 2015

Synthesis, characterization and biological activities of some azo derivatives of aminothiadiazolederived from nicotinic and isonicotinic acids

IHR Tomi, AHR Al-Daraji, RRT Al-Qaysi, MM Hasson, KHD Al-Dulaimy
Arabian Journal of Chemistry 7 (5), 687-694, 2014

Synthesis, characterization and comparative study the antibacterial activities of some imine-amoxicillin derivatives

IHR Tomi, AH Abdullah, AHR Al-Daraji, SAR Abbass
European Journal of Chemistry 4 (2), 153-156, 2013

Synthesis and characterization of new polymers containing bis 1, 2, 4-triazole ring and used in the purification of wastewater from copper ion

AHR Al-Daraji, IHR Tomi

Polymer-Plastics Technology and Engineering 51 (13), 1327-1333, 2012

Synthesis and characterization of new amino acid-schiff bases and studies their effects on the activity of ACP, PAP and NPA enzymes (In Vitro)

ZSM Al-Garawi, IHR Tomi, AHR Al-Daraji

E-Journal of chemistry 9 (2), 962-969, 2012

Synthesis and antibacterial activity of bis-oxadiazole derivatives

AHR Al-Daraji

Iraqi National Journal Of Chemistry, 2012.

Preparation and using of acrylamide grafted starch as polymer drug carrier

AJM Al-Karawi, AHR Al-Daraji

Carbohydrate Polymers 79 (3), 769-774, 2010

Supplementary information Synthesis, characterization and mesomorphic behaviors of non-symmetrically substituted 1, 2, 4-and 1, 3, 4-oxadiazole derivatives

IHR Tomi, MMAR Al-obaidy, AHR Al-Daraji

السيرة الذاتية

الاستاذ المساعد

د. علي حسين رحيمة الدراجي

دكتوراه ، ماجستير و بكالوريوس

محاضر في الكيمياء العضوية

اسم العائلة:	الدراجي
الاسم الاول:	علي حسين رحيمة
الجنسية:	عراقي
محل وتاريخ الولادة:	بغداد، العراق ١٩٧٦/٠٨/١٣
الحالة الزوجية:	متزوج
العنوان الوظيفي:	الجامعة المستنصرية / كلية العلوم / قسم الكيمياء
اللقب العلمي:	استاذ مساعد
اللغات:	العربية والانكليزية
رقم الموبايل:	٠٠٩٦٤٧٧٢٨٤٧٠٤١٢
العنوان الالكتروني:	ahraldaraji1@gmail.com
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حساب الكوكل سكلار:	Ali Hussein Raheemah Al-Daraji https://scholar.google.com/citations?hl=en&user=xJOm18IAAAAJ&view_op=list_works&sortby=pubdate

معلومات التحصيل الدراسي والوظيفة المؤهلات

دكتوراه في الكيمياء العضوية من جامعة شيفيلد بالمملكة المتحدة بتاريخ ٢٨/٠٥/٢٠١٩. عنوان الرسالة هو (مناهج تخليق مثبطات حمض السودامينيك ، تطوير تخليق α -fluoro- β -hydroxymethylene و β -hydroxymethylene phosphonates (phosphonates) ، تحت إشراف البروفيسور سايمون جونز.

ماجستير في الكيمياء العضوية والبلورية السائلة من كلية التربية / ابن الهيثم جامعة بغداد العراق بتاريخ ١١ كانون الثاني ٢٠٠٢ بتقدير (جيد جدا). عنوان الأطروحة هو (تخليق وتوصيف مشتقات ١،٢-O-Isopropylidene-3-O-benzoate- α -D-xylofuranose ودراسة خصائصها البلورية السائلة) تم الحصول على الدرجة لمدة عامين: السنة الأولى: (١) محاضرات وامتحانات (٢) تقنيات بحث خاصة "التركيب والخصائص الفيزيائية للمواد البلورية السائلة". السنة الثانية التي تضمنت أطروحة بعنوان "تركيب وتوصيف سلسلتين جديدتين تحتويان على حلقات مركزية من Bis-1,3,4-oxadiazole ودراسة خصائصها البلورية السائلة" تحت إشراف الأستاذ الدكتور عمار حسن الدجيلي. و الأستاذ الدكتور عبدالقادر مخلص

بكالوريوس في الكيمياء العامة من كلية التربية / ابن الهيثم جامعة بغداد العراق في ٣٠ حزيران ١٩٩٩ بتقدير (جيد).

المجال الرئيسي للبحث والاهتمامات الدراسية:

١. يتركز اهتمامي الحالي في البحث على تركيب وتوصيف النماذج البلورية السائلة والبوليمرات ، التي تحتوي على وحدات حلقيّة غير متجانسة ، غير متجانسة الأشعة تحت الحمراء ، HNMR ، مطيافية الكتلة ، مسعر المسح التفاضلي (DSC) ، الفحص المجهرى الاستقطابي في المرحلة الساخنة الذي يستخدم عادة لتوصيف هذه المواد.
٢. أبحاثي موجهة أيضاً إلى دراسة النشاط المضاد للميكروبات للمركبات العضوية التي تحتوي على وحدات حلقيّة غير متجانسة مثل أوكساديازول ، ثياديازول ، تريازول ، أوكسازول وغيرها.

قائمة المنشورات

Synthesis, Antimicrobial Evaluation and Docking Study of Novel 3, 5-Disubstituted-2-Isloxazoline and 1, 3, 5-Trisubstituted-2-Pyrazoline Derivatives
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