



CURRICULUM VITA

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Specialization: M.sc chemistry In science \ Organic chemistry
Scientific rank: Assistant Teacher
Academic qualifications:

<u>Degree</u>	<u>University</u>	<u>Year</u>	<u>Title</u>
B.Sc.	Al-Muthanna	2008	Spectral and thermodynamic study of new thiazolyl azo derivative and its complexities with some transition element ions
M.Sc.	Thi-Qar	2015	SYNTHESIS AND CHARACTERIZATION OF NEW γ -LACTAMS ARE USED TO DECREASE BLOOD CHOLESTEROL LEVEL

Teaching Experience:

No.	Subject	Study Stage	Department/ College
1	Bio chemistry\ practical	2 nd	Bio chemistry\ Veterinary Medicine
2	General chemistry \ practical, Theoretical	1 st	chemistry\Veterinary Medicine

السيرة الذاتية

المعلومات الشخصية:

الاسم:

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مكان وتاريخ الميلاد:

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الجنس:

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الجنسية:

عراقي

الديانة:

مسلم

الحالة الاجتماعية:

غير متزوج

التخصص:

ماجستير الكيمياء في العلوم \ الكيمياء العضوية

الرتبة العلمية:

مدرس مساعد

المؤهلات العلمية:

الشهادة	الجامعة	تاريخها	عنوان
بكالوريوس	المتنى / علوم كيمياء	2008	تحضير ودراسة طيفية وثرموديناميكية لمشتق ثيازوليل أزو جديد ومعقداته مع بعض ايونات العناصر الانتقالية
ماجستير	ذي قار / علوم كيمياء	2015	تخليق وتشخيص بعض مركبات γ -لاكتام الجديدة التي قد تستعمل لتخفيض الكولسترول في الدم

الدورات المشتركة بها:

1.دورة طرائق التدريس المركزية للعام / 2015 جامعة المتنى.

2.دورة كفاءة الحاسوب / 2015 جامعة المتنى.

البحوث المنشورة
Published Paper

الملاحظات	اسم الباحث	اسم المجلة والعدد	تاريخ النشر	عنوان البحث	ت
	Z. Yahya Kadhim[a] and M. Shakir Magtoof[a]*	<i>Eur. Chem. Bull.</i> , 2015 , 4(3), 121-127	2015	SYNTHESIS AND CHARACTERIZATION OF NEW γ - LACTAMS ARE USED TO DECREASE BLOOD CHOLESTEROL LEVEL	1
	Hayder H. Abed ^{1*} , Zainab Y. Kadhim ¹ , Saif M. Abed ¹ , Zahra S. Mahdi ¹	World J Exp Biosci. Volume 4, Number 1: 66-69 ISSN: 2313- 3937 2016	2016	Levels of bacterial and chemical pollutants in Euphrates River in Samawah, Iraq	2

**1- SYNTHESIS AND CHARACTERIZATION OF NEW γ - LACTAMS ARE USED TO
DECREASE BLOOD CHOLESTEROL LEVEL.**

ABSTRACT

This study is concerned with the synthesis and characterization derivatives of the mono/bis, syn and anti- γ -lactams **2a-2i**. These compounds were synthesized by reacting phenylsuccinic anhydride with the appropriate Schiff base (imines) **1a-1i** in moderate yields (50-92 %). The structures of these γ -lactams were established on the basis of the spectral data like IR, ¹H-NMR, ¹³C-NMR, HSQC ¹H-¹³C-NMR, MS.

2-Levels of bacterial and chemical pollutants in Euphrates River in Samawah, Iraq

ABSTRACT

In present study biological and chemical pollution of Euphrates River in Samawah city in Iraq were studied. Samples were collected from three places; al-Majed area, Samawah city and al-Khader city. This study included analysis of five heavy metals in the river (Pb, Fe, Cu, Cd and Zn); the study also included some bacterial pollution in the river in the three places. The study involving total Plate Count of the aerobic microbes in addition to isolation and identification of some bacterial isolates that present in the stream of river in the studied places. The results showed difference in concentration of metals in the river and increase in the concentrations, especially in al-Khader city due to pollution in Samawah city also the bacteriological study showed presence of different bacterial species; *Escherichia coli* (24.5%), *Enterobacter aerogenes* (10.11%), *Salmonella spp* (4.79%), *Klebsiella pneumonia* (20.3%), *Proteus mirabilis* (11.45 %), *Proteus vulgaris* (7.55%), *Pseudomonas aeruginosa* (7.21), *Staphylococcus aureus* (8.91%), *Staphylococcus epidermidis* (5.18 %), *E. coli* represented the main bacteria as compared with others bacteria. The study showed increase in the five studied heavy metals concentrations in AL-Khader city specifically in case of copper and lead.