



## (( السيرة الذاتية ))

### 1. المعلومات الشخصية :

- الاسم : صعاب عماد صاحب عباس الغرابي
- الجنس : ذكر
- الحالة الاجتماعية : متزوج
- الجنسية : عراقي
- الديانة : مسلم
- تاريخ ومكان الميلاد : 11 / 04 / 1983
- العنوان : واسط – كوت- دور الحس السكني في المعهد التقني الكوت

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- اللغة الأم : العربية ، اللغات الأخرى : الانكليزية ( قراءة ، كتابة ، تكلم ، فهم )
- اللقب العلمي : مدرس
- الوظيفة الحالية : تدريسي في المعهد التقني الكوت – الجامعة التقنية الوسطى

### 2. الشهادات العلمية (المؤهلات الأكاديمية):

ت	الدرجة العلمية (دكتوراه ، ماجستير ، بكالوريوس)	الكلية	الجامعة	البلد	سنة الحصول على المؤهل
1.	دكتوراة	Fulbright collage of art and science	جامعة اركنساس	اميركا	2022
2.	ماجستير	الطب البيطري	جامعة بغداد	العراق	2010
3.	بكالوريوس	الطب البيطري	جامعة بغداد	العراق	2006

### 3. الوظائف التي شغلها:

ت	الوظيفة	تاريخ الالتحاق بها	الكلية/الجامعة
1	تدريسي في المعهد التقني الكوت	2011-11-1	الجامعة التقنية الوسطى

### 4. الخبرة (الخبرات الأكاديمية و التخصصية):

#### • التدريس في التعليم العالي :

ت	المادة الدراسية	المرحلة	القسم	الكلية / المعهد	السنة الدراسية
1.	دوايات	الثانية	صحة المجتمع	المعهد التقني الكوت	2011
2.	رقابة وتفتيش	الثانية	صحة المجتمع	المعهد التقني الكوت	2011
3.	مشروع بحث	الثانية	صحة المجتمع	المعهد التقني الكوت	2011

## • الخبرات العلمية و التطبيقية:

ت	ملخص الخبرة	الجهة المستفيدة	السنة
1.	تصنيع المواد النانوية المتطابقة بابلوولوحيا	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022
2.	اتقان التقنيات الفسلجية والدوائية للاغراض البحثية	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022
3.	تقيم الاداء الدوائي على النواقل الدوائية وتقيم الاستجابة	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022
4.	خبرة مكثفة في الاجهزة المختبرية للاغراض الكيموحيوية	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022
5.	تقيم السمية الجينية وقابلية تطور الطفرات الناشئة من الادوية	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022
6.	التعامل مع الحيوانات المختبرية لغرض البحوث الدوائية	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022
7.	مهارات الكمبيوتر المختلفة	الجامعة التقنية الوسطى   جامعة اركنساس الامريكية	2022

## • الأستشارات في مجال التخصص:

ت	ملخص الاستشارة	الجهة المستفيدة	السنة
1.	تصنيع واختبار الادوية	الجامعة التقنية الوسطى	2011-الان
2.	تصنيع المواد النانوية وتشخيصها	الجامعة التقنية الوسطى   جامعة اركنساس	2022-2016
3.	التقيني السمي الحيني للادوية	الجامعة التقنية الوسطى   منظمة الدواء والغذاء الامريكية	2023-2022

## • الخبرات الادارية:

ت	ملخص الخبرة الادارية	الجهة المستفيدة	السنة
1.	مقرر قسم	المعهد التقني الكوت	2012
2.	معاون عميد للشؤون العلمية	المعهد التقني الكوت	2013

## 5. الدورات و المؤتمرات و ورش العمل :

ت	اسم الدورة/ المؤتمر/ الورشة	مكان الانعقاد			تاريخ انعقادها
		الكلية	الجامعة	البلد	
1.	برنامج الاختبارات الالكترونية	المعهد التقني	التقنية الوسطى	العراق	2023
2.	Potentiation of spinal cord conduction and neuroprotection following nanodelivery of DL-3-n-butylphthalide in titanium implanted nanomaterial in a focal spinal cord injury induced functional outcome, blood-spinal cord barrier breakdown and edema formation	مؤتمر ناو- بوسطن	بوسطن	الولايات المتحدة الامريكية	2020

2019	الولايات المتحدة الأمريكية	ساندياكو- كارل فورنيا	مؤتمر CATD congress	Methamphetamine exacerbates Alzheimer's disease pathology. Neuroprotective effects of nanowired cerebrolysin with neprilysin	.3
2019	الولايات المتحدة الأمريكية	ساندياكو- كارل فورنيا	مؤتمر CATD congress	Nanoparticles exacerbate Alzheimer's disease brain pathology. Neuroprotection with nanowired cerebrolysin and mesenchymal stem cells	.4
2018	الولايات المتحدة الأمريكية	لتلروك- اركنساس	American Chemical Society, Southwest Regional Meeting	A low-cost, low-energy, simple and scalable method of rapidly nitriding titanium implant	.5
2014	العراق	الجامعة التقنية الوسطى- بغداد	مؤتمر التقني	Antimicrobial activity of Malus Domestica skin aqueous and alcoholic extract against the isolated Streptococcus mutans from tooth caries in vitro	.6
2014	العراق/	جامعة واسط / واسط / واسط	مؤتمر واسط للعلوم والطب	A study of antioxidant capacity of different doses of alcoholic extract of Matricaria chamomilla flower in comparison with vitamin E in oxidative stressed male rats	.7

## 6. البحوث و الدراسات المنجزة المنشورة و التي في الانجاز :

ت	عنوان البحث/ الدراسة	مفرد / مشترك	مجلة النشر
.1	Application of duplex sequencing to evaluate mutagenicity of aristolochic acid and methapyrilene in Fisher 344 rats	مشترك	Food and Chemical Toxicology, 185, 114512. <a href="https://doi.org/10.1016/j.fct.2024.114512">https://doi.org/10.1016/j.fct.2024.114512</a> .
.2	Nanodelivery of traditional Chinese Ginkgo Biloba extract EGb-761 and bilobalide BN-52021 induces superior neuroprotective effects on pathophysiology of heat stroke	مشترك	Progress in brain research, 265, 249–315. <a href="https://doi.org/10.1016/bs.pbr.2021.06.007">https://doi.org/10.1016/bs.pbr.2021.06.007</a> .
.3	Superior antioxidant and anti-ischemic neuroprotective effects of cerebrolysin in heat stroke following intoxication of engineered metal Ag and Cu	مشترك	Progress in brain research, 266, 301–348. <a href="https://doi.org/10.1016/bs.pbr.2021.06.014">https://doi.org/10.1016/bs.pbr.2021.06.014</a> .

Progress in brain research, 265, 317–375. <a href="https://doi.org/10.1016/bs.pbr.2021.06.009">https://doi.org/10.1016/bs.pbr.2021.06.009</a>	مشترك	Upregulation of hemeoxygenase enzymes HO-1 and HO-2 following ischemia-reperfusion injury in connection with experimental cardiac arrest and cardiopulmonary resuscitation: Neuroprotective effects of methylene blue.	<b>.4</b>
Progress in brain research, 266, 123–193. <a href="https://doi.org/10.1016/bs.pbr.2021.06.008">https://doi.org/10.1016/bs.pbr.2021.06.008</a>	مشترك	Methamphetamine exacerbates pathophysiology of traumatic brain injury at high altitude. Neuroprotective effects of nanodelivery of a potent antioxidant compound H-290/51	<b>.5</b>
Progress in brain research, 266, 1–73. <a href="https://doi.org/10.1016/bs.pbr.2021.06.003">https://doi.org/10.1016/bs.pbr.2021.06.003</a>	مشترك	Histamine H3 and H4 receptors modulate Parkinson's disease induced brain pathology. Neuroprotective effects of nanowired BF-2649 and clobenpropit with antihistamine-antibody therapy	<b>.6</b>
Progress in brain research, 265, 1–97. <a href="https://doi.org/10.1016/bs.pbr.2021.04.008">https://doi.org/10.1016/bs.pbr.2021.04.008</a>	مشترك	Alzheimer's disease neuropathology is exacerbated following traumatic brain injury. Neuroprotection by co-administration of nanowired mesenchymal stem cells and cerebrolysin with monoclonal antibodies to amyloid beta peptide	<b>.7</b>
Progress in brain research, 265, 139–230. <a href="https://doi.org/10.1016/bs.pbr.2021.06.004">https://doi.org/10.1016/bs.pbr.2021.06.004</a>	مشترك	Nanodelivery of oxiracetam enhances memory, functional recovery and induces neuroprotection following concussive head injury.	<b>8.</b>
Progress in brain research, 266, 357–376. <a href="https://doi.org/10.1016/bs.pbr.2021.06.013">https://doi.org/10.1016/bs.pbr.2021.06.013</a>	مشترك	Topical application of CNTF, GDNF and BDNF in combination attenuates blood-spinal cord barrier permeability, edema formation, hemeoxygenase-2 upregulation, and cord pathology	<b>9.</b>
Progress in brain research, 266, 211–267. <a href="https://doi.org/10.1016/bs.pbr.2021.06.016">https://doi.org/10.1016/bs.pbr.2021.06.016</a>	مشترك	Cerebrolysin restores balance between excitatory and inhibitory amino acids in brain following concussive head injury. Superior neuroprotective effects of TiO <sub>2</sub>	<b>10.</b>

Progress in brain research, 266, 97–121. <a href="https://doi.org/10.1016/bs.pbr.2021.06.005">https://doi.org/10.1016/bs.pbr.2021.06.005</a>	مشترك	Neuroprotective effects of insulin like growth factor-1 on engineered metal nanoparticles Ag, Cu and Al induced blood-brain barrier breakdown, edema formation, oxidative stress	11.
Progress in brain research, 265, 385–406. <a href="https://doi.org/10.1016/bs.pbr.2021.06.015">https://doi.org/10.1016/bs.pbr.2021.06.015</a>	مشترك	Manganese nanoparticles induce blood-brain barrier disruption, cerebral blood flow reduction, edema formation and brain pathology associated with	12.
International review of neurobiology, 151, 1–66. <a href="https://doi.org/10.1016/bs.irm.2020.03.001">https://doi.org/10.1016/bs.irm.2020.03.001</a>	مشترك	Pathophysiology of blood-brain barrier in brain tumor. Novel therapeutic advances using nanomedicine	13.
Progress in brain research, 258, 285–367. <a href="https://doi.org/10.1016/bs.pbr.2020.09.004">https://doi.org/10.1016/bs.pbr.2020.09.004</a>	مشترك	Diabetes exacerbates brain pathology following a focal blast	14.
Progress in brain research, 258, 233–283. <a href="https://doi.org/10.1016/bs.pbr.2020.09.009">https://doi.org/10.1016/bs.pbr.2020.09.009</a>	مشترك	Protein kinase inhibitors in traumatic brain injury and repair: New roles of nanomedicine	15.
Progress in brain research, 258, 157–231. <a href="https://doi.org/10.1016/bs.pbr.2020.09.010">https://doi.org/10.1016/bs.pbr.2020.09.010</a>	مشترك	Mild traumatic brain injury exacerbates Parkinson's disease induced hemoxygenase-2 expression and brain pathology: Neuroprotective effects of co-administration of TiO2 nanowired mesenchymal stem cells and cerebrolysin	16.
Progress in brain research, 258, 101–155. <a href="https://doi.org/10.1016/bs.pbr.2020.09.011">https://doi.org/10.1016/bs.pbr.2020.09.011</a>	مشترك	Co- administration of TiO2-nanowired dl-3-n-butylphthalide (dl-NBP) and mesenchymal stem cells enhanced neuroprotection in Parkinson's disease exacerbated by concussive head injury	17.
Progress in brain research, 258, 1–77. <a href="https://doi.org/10.1016/bs.pbr.2020.09.003">https://doi.org/10.1016/bs.pbr.2020.09.003</a>	مشترك	Concussive head injury exacerbates neuropathology of sleep deprivation: Superior neuroprotection by co-administration of TiO2-nanowired cerebrolysin, alpha-melanocyte- stimulating hormone, and mesenchymal stem cells	18.
Progress in brain research, 258, 397–438. <a href="https://doi.org/10.1016/bs.pbr.2020.09.012">https://doi.org/10.1016/bs.pbr.2020.09.012</a>	مشترك	Cerebrolysin enhances spinal cord blood-spinal cord barrier breakdown, edema formation, immediate early gene expression and cord pathology	19.

International review of neurobiology, 146, 153–188. <a href="https://doi.org/10.1016/bs.irm.2019.06.009">https://doi.org/10.1016/bs.irm.2019.06.009</a> .	مشترك	Potiation of spinal cord conduction and neuroprotection following nanodelivery of DL-3-n-butylphthalide in titanium implanted nanomaterial in a focal spinal cord injury induced functional outcome, blood-spinal cord barrier breakdown and edema formation.	20.
Euphrates Journal of Agriculture Science, 6(4):30-7.	مشترك	Isolation and identification of some pathogenic bacterial species contaminated from meats in butchers shops and kebab restaurants in AL-Kut city.	21.
Diyala Journal of Agricultural Sciences, 6(1):9-22.	مفرد	Study the analgesic and sedative effect of Ocimum basilicum alcoholic extract in male rats	22.
Journal of Wasit for Science and Medicine, 2014, Vol 7, NO 2	مفرد	A Study Of antioxidant capacity of different doses of alcoholic extract of Marticaria Chamomilla flower in comparison with vitamin E in oxidative stressed male rats	23.

## 7. المهارات :

- الكتابة الانكليزية للاغراض الاكاديمية
- انشاء التصاميم الرياضية باستخرام الاكومبيوتر
- التحليل الاحصائي
- ترجمة البيانات

## 8. الهوايات :

- القراءة
- الصيد
- الطباعة الثلاثية والتصميم الثلاثي
- السفر

## 9. الجمعيات و النقابات :

- عضو في جمعية علوم الاعصاب ( Society of Neuroscience SFN )
- عضو في جمعية (American Society for Clinical Pharmacology and Therapeutics (ASCPT))
- عضو في جمعية (Society of Toxicology SOT)

# Curriculum Vitae

## 1. Personal information :

- **Name:** Seaab Imad Sahib Alghurabi
- **Permanent Address:** Al-kut Technical Institute dormitory  
**E.MAIL:** sisahib@uark.edu
- **Place and date of Birth:** Wassit/ 04-11-1983
- **Place of Residence:** Iraq
- **Nationality:** Iraqi
- **Sex:** Male
- **Social status:** Married
- **Mother Tongue:** Arabic;
- **Scientific Title:** Lecturer
- **Current job:** Faculty member



**Other Language:** English (read, write, speak & understand).

## 2. Academic Qualifications:

No.	Degree (PhD ; Mas ; BSC)	College	University	Country	Year of qualification
1.	PhD	Fulbright collage of art and science	University of Arkansas	USA	2022
2.	MSc	Veterinary medicine	University of Baghdad	Iraq	2010
3.	BSc	Veterinary medicine	University of Baghdad	Iraq	2006

## 3. Jobs filled:

NO	Occupation	Joining Date by	College / university
1	Faculty member	2011	Al-Kut Technical Institute/ Middle technical University

## 4. Experience (academic and specialized):

### • Teaching in higher education:

No.	Subject	stage	Section	College/Institute	Year
1.	Pharmacology	2 <sup>nd</sup>	2	Al-Kut Technical Institute	2011-now
2.	Supervision and	2 <sup>nd</sup>	2	Al-Kut Technical Institute	2011-now
3.	Research project	2 <sup>nd</sup>	2	Al-Kut Technical Institute	2011-now

• **Scientific and applied expertise:**

<b>No.</b>	<b>Summary of experience</b>	<b>The beneficiary</b>	<b>Year</b>
<b>1.</b>	Nanomaterial and Biocompatible implants synthesis and characterization	Middle Technical University/ University of Arkansas	<b>2022</b>
<b>2.</b>	Physiological and pharmacological techniques for clinical investigation	Middle Technical University/ University of Arkansas	<b>2022</b>
<b>3.</b>	Controlled drug delivery, release, and response evaluation	Middle Technical University/ University of Arkansas	<b>2022</b>
<b>4.</b>	Biochemical techniques and instrumentation	Middle Technical University/ University of Arkansas	<b>2022</b>
<b>5.</b>	Genotoxicity and Mutagenicity evaluation	Middle Technical University/ University of Arkansas	<b>2022</b>
<b>6.</b>	Laboratory animal care and handling	Middle Technical University/ University of Arkansas	<b>2022</b>
<b>7.</b>	Computational skills	Middle Technical University/ University of Arkansas	<b>2022</b>

• **Counseling in the field of specialization:**

<b>No.</b>	<b>Summary of Counseling</b>	<b>The beneficiary</b>	<b>Year</b>
<b>1.</b>	Drug Manufacturing and Testing	Middle Technical Institute	2011-now
<b>2.</b>	Nanomaterials Fabrication and characterization	Middle Technical University / University of Arkansas	2016-2022
<b>3.</b>	Genotoxicity evaluation	Middle Technical University US food and Drug Administration/	2022-2023



• **Administrative experience:**

No.	Summary of Administrative experience	The beneficiary	Year
1.	Department rapporteur	Al-kut technical Institute / Middle Technical University	2011-2013
2.	Dean Assistant for Scientific Affairs	Al-kut technical Institute / Middle Technical University	2013-2015

**5. Courses, conferences and workshops :**

No.	Courses, Conferences / workshops Name	Place			Date of session
		College	University	Country	
1.	Electronic Exam Programs	Al-kut Technical Institute	Middle Technical University	Iraq	2023
2.	Potential of spinal cord conduction and neuroprotection following nanodelivery of DL-3-n-butylphthalide in titanium implanted nanomaterial in a focal spinal cord injury induced functional outcome, blood-spinal cord barrier breakdown and edema formation	Nano-Boston Conference	Boston	USA	2020
3.	Methamphetamine exacerbates Alzheimer's disease pathology. Neuroprotective effects of nanowired cerebrolysin with neprilysin	CATD congress Conference	San Diego/ California	USA	2019
4.	Nanoparticles exacerbate Alzheimer's disease brain pathology. Neuroprotection with nanowired cerebrolysin and mesenchymal stem cells	CATD congress Conference	San Diego/ California	USA	2019
5.	A low-cost, low-energy, simple and scalable method of rapidly nitriding titanium implant	American Chemical Society, Southwest Regional Meeting	Little Rock	USA	2018
6.	Antimicrobial activity of Malus	Al-Tequni	Middle	Iraq	2014

	Domestica skin aqueous and alcoholic extract against the isolated Streptococcus mutans from tooth caries in vitro	Conference	Technical University		
7.	A study of antioxidant capacity of different doses of alcoholic extract of Matricaria chamomilla flower in comparison with vitamin E in oxidative stressed male rats	Wassit conference for Science and Medicin	Wassit University	Iraq	2014

## **6. Research & Studies were published & in achievement :**

No.	Research /study Title	Single / Shared	Publishing Journal
1.	Application of duplex sequencing to evaluate mutagenicity of aristolochic acid and methapyrilene in Fisher 344 rats	Shared	Food and Chemical Toxicology, 185, 114512. <a href="https://doi.org/10.1016/j.fct.2024.114512">https://doi.org/10.1016/j.fct.2024.114512</a> .
2.	Nanodelivery of traditional Chinese Gingko Biloba extract EGb-761 and bilobalide BN-52021 induces superior neuroprotective effects on pathophysiology of heat	Shared	Progress in brain research, 265, 249–315. <a href="https://doi.org/10.1016/bs.pbr.2021.06.007">https://doi.org/10.1016/bs.pbr.2021.06.007</a> .
3.	Superior antioxidant and anti-ischemic neuroprotective effects of cerebrolysin in heat stroke following intoxication of engineered metal Ag and Cu nanoparticles: A comparative biochemical and physiological study	Shared	Progress in brain research, 266, 301–348. <a href="https://doi.org/10.1016/bs.pbr.2021.06.014">https://doi.org/10.1016/bs.pbr.2021.06.014</a> .
4.	Upregulation of hemeoxygenase enzymes HO-1 and HO-2 following ischemia-reperfusion injury in connection with experimental cardiac arrest and cardiopulmonary resuscitation:	Shared	Progress in brain research, 265, 317–375. <a href="https://doi.org/10.1016/bs.pbr.2021.06.009">https://doi.org/10.1016/bs.pbr.2021.06.009</a>
5.	Methamphetamine exacerbates pathophysiology of traumatic brain injury at high altitude. Neuroprotective effects of nanodelivery of a potent antioxidant	Shared	Progress in brain research, 266, 123–193. <a href="https://doi.org/10.1016/bs.pbr.2021.06.008">https://doi.org/10.1016/bs.pbr.2021.06.008</a> .

6.	Histamine H3 and H4 receptors modulate Parkinson's disease induced brain pathology. Neuroprotective effects of nanowired BF-2649 and clobenpropit with antihistamine-antibody therapy	Shared	Progress in brain research, 266, 1–73. <a href="https://doi.org/10.1016/bs.pbr.2021.06.003">https://doi.org/10.1016/bs.pbr.2021.06.003</a> .
7.	Alzheimer's disease neuropathology is exacerbated following traumatic brain injury. Neuroprotection by co-administration of nanowired mesenchymal stem cells and cerebrolysin with	Shared	Progress in brain research, 265, 1–97. <a href="https://doi.org/10.1016/bs.pbr.2021.04.008">https://doi.org/10.1016/bs.pbr.2021.04.008</a> .
8.	Nanodelivery of oxiracetam enhances memory, functional recovery and induces neuroprotection following concussive head injury.	Shared	Progress in brain research, 265, 139–230. <a href="https://doi.org/10.1016/bs.pbr.2021.06.004">https://doi.org/10.1016/bs.pbr.2021.06.004</a> .
9.	Topical application of CNTF, GDNF and BDNF in combination attenuates blood-spinal cord barrier permeability, edema formation, hemoxygenase-2	Shared	Progress in brain research, 266, 357–376. <a href="https://doi.org/10.1016/bs.pbr.2021.06.013">https://doi.org/10.1016/bs.pbr.2021.06.013</a> .
10.	Cerebrolysin restores balance between excitatory and inhibitory amino acids in brain following concussive head injury. Superior neuroprotective effects of	Shared	Progress in brain research, 266, 211–267. <a href="https://doi.org/10.1016/bs.pbr.2021.06.016">https://doi.org/10.1016/bs.pbr.2021.06.016</a> .
11.	Neuroprotective effects of insulin like growth factor-1 on engineered metal nanoparticles Ag, Cu and Al induced blood- brain barrier breakdown, edema formation, oxidative stress,	Shared	Progress in brain research, 266, 97–121. <a href="https://doi.org/10.1016/bs.pbr.2021.06.005">https://doi.org/10.1016/bs.pbr.2021.06.005</a>
12.	Manganese nanoparticles induce blood-brain barrier disruption, cerebral blood flow reduction, edema formation and brain pathology	Shared	Progress in brain research, 265, 385–406. <a href="https://doi.org/10.1016/bs.pbr.2021.06.015">https://doi.org/10.1016/bs.pbr.2021.06.015</a> .
13.	Pathophysiology of blood-brain barrier in brain tumor. Novel therapeutic advances using	Shared	International review of neurobiology, 151, 1–66. <a href="https://doi.org/10.1016/bs.irm.2020.03.001">https://doi.org/10.1016/bs.irm.2020.03.001</a>
14.	Diabetes exacerbates brain pathology following a focal blast brain injury: New role of a multimodal drug cerebrolysin and nanomedicine	Shared	Progress in brain research, 258, 285–367. <a href="https://doi.org/10.1016/bs.pbr.2020.09.004">https://doi.org/10.1016/bs.pbr.2020.09.004</a>
15.	Protein kinase inhibitors in traumatic brain injury and repair: New roles of	Shared	Progress in brain research, 258, 233–283. <a href="https://doi.org/10.1016/bs.pbr.2020.09.009">https://doi.org/10.1016/bs.pbr.2020.09.009</a> .

16.	Mild traumatic brain injury exacerbates Parkinson's disease induced hemoxygenase-2 expression and brain pathology: Neuroprotective effects of co-administration of TiO2	Shared	Progress in brain research, 258, 157–231. <a href="https://doi.org/10.1016/bs.pbr.2020.09.010">https://doi.org/10.1016/bs.pbr.2020.09.010</a> .
17.	Co- administration of TiO2-nanowired dl-3-n-butylphthalide (dl-NBP) and mesenchymal stem cells enhanced neuroprotection in Parkinson's disease exacerbated by concussive head injury	Shared	Progress in brain research, 258, 101–155. <a href="https://doi.org/10.1016/bs.pbr.2020.09.011">https://doi.org/10.1016/bs.pbr.2020.09.011</a> .
18.	Concussive head injury exacerbates neuropathology of sleep deprivation: Superior neuroprotection by co-administration of TiO2-nanowired cerebrolysin, alpha-melanocyte-stimulating	Shared	Progress in brain research, 258, 1–77. <a href="https://doi.org/10.1016/bs.pbr.2020.09.003">https://doi.org/10.1016/bs.pbr.2020.09.003</a> .
19.	Cerebrolysin enhances spinal cord blood-spinal cord barrier breakdown, edema formation, immediate early gene expression and cord pathology after injury	Shared	Progress in brain research, 258, 397–438. <a href="https://doi.org/10.1016/bs.pbr.2020.09.012">https://doi.org/10.1016/bs.pbr.2020.09.012</a> .
20.	Potential of spinal cord conduction and neuroprotection following nanodelivery of DL-3-n-butylphthalide in titanium implanted nanomaterial in a focal spinal cord injury induced functional outcome, blood-spinal cord	Shared	International review of neurobiology, 146, 153–188. <a href="https://doi.org/10.1016/bs.irn.2019.06.009">https://doi.org/10.1016/bs.irn.2019.06.009</a> .
21.	Isolation and identification of some pathogenic bacterial species contaminated from meats in butchers shops and kebab restaurants in AL-Kut	shared	Euphrates Journal of Agriculture Science, 6(4):30-7.
22.	Study the analgesic and sedative effect of Ocimum basilicum alcoholic extract in rats	single	Diyala Journal of Agricultural Sciences, 6(1):9-22.
23.	A Study Of antioxidant capacity of different doses of alcoholic extract of Marticaria Chamomilla flower in comparison with vitamin E in oxidative	single	Journal of Wasit for Science and Medicine, 2014, Vol 7, NO 2

## 7. skills :

- **English writing for academic purposes**
- **Computational modeling**
- **Statistical analysis**
- **Data interpretation**

## 8. The Hobbies :

- Research
- Fishing and Hunting
- 3D printing and Modeling
- Traveling

## 9. Associations and unions :

- Member at (Society of Neuroscience SFN)
- Member at (American Society for Clinical Pharmacology and Therapeutics (ASCPT))
- Member at (Society of Toxicology SOT)

المعهد  
العلمي  
التقني  
الكويت