

## السيرة الذاتية

### إ.د اسراء برهان رؤوف

الجامعة المستنصرية – كلية الصيدلة

Mobile: +964 7704674363

Email: [israaburhan@uomustansiriah.edu.iq](mailto:israaburhan@uomustansiriah.edu.iq)

#### ملخص تعريفي:

- اسعى لأستخدام مهاراتي ومعرفتي العلمية لتطوير مسيرة التعليم الاكاديمي العالي.

#### الشهادات الدراسية:

- الدكتوراه Ph.D. في الكيمياء الحياتية . كلية العلوم للبنات / جامعة بغداد 2014 .
- الماجستير M.SC. في الكيمياء الحياتية / جامعة بغداد 2005 .
- البكالوريوس B.SC. في علوم الكيمياء / جامعة بغداد 2002 .

#### الجوائز والتكريم الأكاديمي

- العديد من كتب الشكر والتقدير من قبل.
  1. وزير التعليم العالي والبحث العلمي المحترم.
  2. رئيس الجامعة المستنصرية المحترم.
  3. عميد كلية الصيدلة / الجامعة المستنصرية المحترم.
  4. معاون الاداري لعميد كلية الصيدلة / الجامعة المستنصرية المحترم.
  5. عميد كلية العلوم للبنات/جامعة بغداد.
  6. عميد كلية الصيدلة/جامعة بغداد

#### الخبرة الأكاديمية والتدريس:

- التقويم العلمي واللغوي للعديد من رسائل الماجستير لطلبة الدراسات العليا.
- الاشراف على طلبة الدراسات العليا
- الاشراف على مشاريع تخرج لطلبة المرحلة الخامسة.
- تدريس العديد من المواد الدراسية للدراسات الاولية والعليا.
- الاشراف على تدريس المواد العملية للدراسات الاولية.

#### المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
<ul style="list-style-type: none"><li>• الكيمياء الحياتية (المرحلة الثالثة)</li><li>• الكيمياء السريرية (المرحلة الخامسة)</li><li>• تدريب مختبرات (المرحلة الخامسة)</li></ul>	<ul style="list-style-type: none"><li>• الكيمياء الحياتية</li><li>• تدريب مختبرات</li><li>• الكيمياء السريرية</li><li>• الانزيمات</li><li>• المشاكل البحثية</li><li>• مواضيع مختارة</li></ul>

## الأنتساب المهني او الجمعيات:

- عضو نقابة الكيمائيين العراقية.

## المنشورات العلمية

1. Autism Spectrum Disorders and Alzheimer's Disease. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2025; 25(3):392-399.
2. Evaluation of Nicorandil in Treatment of induced pulmonary arterial hypertension in male Rats. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024; 24(3):330-342.
3. Effect of Nicorandil on Endothelial Markers and Tissue Remodeling in Pulmonary Arterial Hypertension Model of Male Rats. Al-Rafidain J Med Sci. 2023;5(Suppl 1):S87-93.
4. Virulence Determinants of *Acinetobacter baumannii* Isolated from Different Infections in Baghdad Hospitals. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024;24(3):264-273.
5. Prevalence of Extended Spectrum Betalactamase and Metallobetalactamase Producing *Acinetobacter baumannii* Isolated from Different Infections in Baghdad City of Iraq. IJDDT .2022;12(4):1742-1747
6. The Role of Vitamin B12 on Adenosine Monophosphate-activated Protein Kinase in Anemic Patients. IJDDT .2022;12(4):1722-1723
7. Role of miRNA in drug-induced hepatic injury. Al Mustansiriyah Journal of Pharmaceutical Sciences. 2022; 22(2):1-6.
8. Assessment of New Protected Mechanism of Liraglutide on CKD Progression. Pharmaceutical and Biosciences Journal. 2021;9(2): 23-32.
9. The Prevalence Role of Monocyte Chemoattractant Protein-1 in Hashimoto's Thyroiditis via Various Stimuli Mechanisms. Journal of Pharmacy and Bioallied Sciences .2021;13 (2):244-247.
10. Clinical Signs, Laboratory Diagnosis and Treatments Involved in Corona Viruses-19. Al Mustansiriyah Journal of Pharmaceutical Sciences. 2021;21(1):10-15.
11. Prevalence of Myasthenia progression in hepatic encephalopathy syndrome. ANJS.2020;23 (1): 7-12.
12. Cystatin-C and Fibronectin as key predictor of glomerulonephritis induced in male rats. Research J. Pharm. and Tech. 2020;13(1): 147-151.
13. Quality Assessment of Unsaturated Iron-binding Protein Capacity in Iraqi Patients Undergoing Hemodialysis. Journal of Pharmacy and Bioallied Sciences.2020;12 (3 ):246-251.
14. Diagnostic efficiency of Alpha Feto Protein, Hypothyroidism in Thalassemic patients with Liver Damage. Research J. Pharm. and Tech. 2019;12(12)5841-5844.
15. Differential Effect of Cyclooxygenases 1 and 2 in Late Reproductive Age Women. Al Mustansiriyah Journal of Pharmaceutical Sciences.2019;19(3):13-18.

16. Hypoxia-Inducible Factors- $\alpha$  as a Regulator for Forkhead Box Protein M1 in Pulmonary Artery Hypertension. Mustansiriyah Medical Journal. 2019;18(2):59-62.
17. Histopathological Study of Liraglutide on Renal Deterioration Progression Induced by Doxorubicin. Al Mustansiriyah Journal of Pharmaceutical Sciences.2019;19(4).
18. Significance of TPO and Some Biochemical Parameters in Goiter Patients. International Journal of Pharmaceutical Sciences Review and Research (IJPSRR).2019;40(2): 251-254.
19. Estimation of Alpha-Fetoprotein (AFP) and Some of Biochemical Parameters in Leukemia Patients. World Journal of Pharmacy and Pharmaceutical Sciences (WJPPS).2016;5(9): 2275-2283.
20. Synthesis, Characterization of Some New Azo Compounds Containing 1,3-Oxazepine, Anthraquinone Moieties and Studying Their Activity against Pathogenic Bacteria. Journal of Natural Sciences Research, 2015;5(22): 69-80.
21. Assessment of some biochemical markers in Pregnant Women in Iraq. International journal of Current Microbiology and Applied Sciences (Int.J.Curr.Microbiol.App.Sci), 2015;4(12): 692-698.
22. Significance of ACTH and Some of Biochemical Markers in Obese Patients. Journal of International Academic Research for Multidisciplinary (JIARM).2015;3(6): 367-371.
23. Evaluation of Thyroid Hormone and Lipid Profile in Patients with Myocardial Infarction and Find the Relation between Them. International Journal of Scientific & Engineering Research (IJSER).2016(5):1007-1010.
24. Biochemical and Molecular Study in Women with Diabetes Mellitus Type 1; International Journal of Advanced Research.2015; 3(4); 1256-1265.
25. Levels of Glucose-6-phosphate Dehydrogenase in Type 1 Diabetes Mellitus patients with Nephropathy and Cardiovascular disease complication. Baghdad Science Journal, 2014;11(2): 461-468.
26. Study of Biochemical Parameters in Sera of Diabetes Mellitus DM (Type 1) Patients with Nephropathy and Myocardial Vascular Disease Complication. Journal of Al-Nahrain University Science (JUNS).2014;17 (2): 13-25.
27. Estimation of some biochemical parameters in gallstone patient's in correlation with age. Al- Mustansiriyah Journal of Education, 2012;6, 369-380.
28. The Study of Antibacterial Activity of Acridone Derivatives Containing 1,3,4-Oxadiazole. Al- Mustansiriyah Journal of Science, 2012;22(2): 13-26.
29. Inhibitory Effect of Synthesized Acridone Derivatives Containing 1,3,4-Thiadiazole on Cholesterol Enzymatic Activity. Ibn AL-Haitham Journal for Pure & Applied Sciences.2012; 24(3):13-26.

#### تطوير المهارات:

- المشاركة في مؤتمرات وندوات وورش عمل الفروع العلمية في كلية الصيدلة / الجامعة المستنصرية وعدد من الكليات الاخرى .
- المشاركة في الدورة التأهيلية في الحاسوب / مركز الحاسبة الالكترونية / جامعة بغداد 2008 .
- المشاركة في دورة طرائق التدريس التربوي / الجامعة المستنصرية 2006.

## Curriculum Vitae

# Prof.Dr. Israa Burhan Raof

Mustansiriyah University – College of Pharmacy

Mobile: +9647704674363

Email: [israaburhan@uomustansiriah.edu.iq](mailto:israaburhan@uomustansiriah.edu.iq)

### PERSONAL SUMMARY:

- To use my skills and scientific knowledge to develop the process of academic higher education.

### EDUCATION:

- Ph.D. Biochemistry. College of Sciences for Women / Baghdad University. Iraq. (2014).
- M.Sc. Biochemistry. Baghdad University. Iraq. (2005).
- B.Sc. Chemistry. Baghdad ah University. Iraq. (2002).

### ACADEMIC HONORS AND AWARDS:

Many of the thanks books and appreciation from.

- Minister of Higher Education and Scientific Research.
- President of the University of Mustansiriyah.
- Dean of the College of Pharmacy / University of Mustansiriyah.
- Administrative Associate Dean of the College of Pharmacy / University of Mustansiriyah.
- Dean of the College of Women Sciences / University of Baghdad.
- Dean of the College of pharmacy / University of Baghdad.

### ACADEMIC /TEACHING EXPERIENCE:

- Scientific calendar for many of the theses of students.
- Supervision of students graduate / Clinical Laboratory Science department.
- Supervision of graduation projects for students in the fifth stage.
- Teaching of many subjects for preliminary studies and graduate.
- Supervise the process of teaching practical materials for preliminary studies.

### COURSES TAUGHT:

Undergraduate	Graduate
<ul style="list-style-type: none"><li>Biochemistry (3<sup>rd</sup> stage).</li><li>Clinical Chemistry (5<sup>th</sup> stage).</li><li>Laboratory Training (5<sup>th</sup> stage).</li></ul>	<ul style="list-style-type: none"><li>Biochemistry.</li><li>Laboratory Training.</li><li>Clinical Chemistry</li><li>Enzymology</li><li>Special problem</li><li>Selected topics</li></ul>

## PROFESSIONAL AFFILIATIONS:

- Member of the Association of Iraqi chemists.

## PUBLICATIONS:

1. Autism Spectrum Disorders and Alzheimer's Disease. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2025; 25(3):392-399.
2. Evaluation of Nicorandil in Treatment of induced pulmonary arterial hypertension in male Rats. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2024; 24(3):330-342.
3. Effect of Nicorandil on Endothelial Markers and Tissue Remodeling in Pulmonary Arterial Hypertension Model of Male Rats. *Al-Rafidain J Med Sci*. 2023;5(Suppl 1):S87-93.
4. Virulence Determinants of *Acinetobacter baumannii* Isolated from Different Infections in Baghdad Hospitals. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2024;24(3):264-273.
5. Prevalence of Extended Spectrum Betalactamase and Metallobetalactamase Producing *Acinetobacter baumannii* Isolated from Different Infections in Baghdad City of Iraq. *IJDDT* .2022;12(4):1742-1747
6. The Role of Vitamin B12 on Adenosine Monophosphate-activated Protein Kinase in Anemic Patients. *IJDDT* .2022;12(4):1722-1723
7. Role of miRNA in drug-induced hepatic injury. *Al Mustansiriyah Journal of Pharmaceutical Sciences*. 2022; 22(2):1-6.
8. Assessment of New Protected Mechanism of Liraglutide on CKD Progression. *Pharmaceutical and Biosciences Journal*. 2021;9(2): 23-32.
9. The Prevalence Role of Monocyte Chemoattractant Protein-1 in Hashimoto's Thyroiditis via Various Stimuli Mechanisms. *Journal of Pharmacy and Bioallied Sciences* .2021;13 (2):244-247.
10. Clinical Signs, Laboratory Diagnosis and Treatments Involved in Corona Viruses-19. *Al Mustansiriyah Journal of Pharmaceutical Sciences*. 2021;21(1):10-15.
11. Prevalence of Myasthenia progression in hepatic encephalopathy syndrome. *ANJS*.2020;23 (1): 7-12.
12. Cystatin-C and Fibronectin as key predictor of glomerulonephritis induced in male rats. *Research J. Pharm. and Tech*. 2020;13(1): 147-151.
13. Quality Assessment of Unsaturated Iron-binding Protein Capacity in Iraqi Patients Undergoing Hemodialysis. *Journal of Pharmacy and Bioallied Sciences*.2020;12 (3 ):246-251.
14. Diagnostic efficiency of Alpha Feto Protein, Hypothyroidism in Thalassemic patients with Liver Damage. *Research J. Pharm. and Tech*. 2019;12(12)5841-5844.
15. Differential Effect of Cyclooxygenases 1 and 2 in Late Reproductive Age Women. *Al Mustansiriyah Journal of Pharmaceutical Sciences*.2019;19(3):13-18.
16. Hypoxia-Inducible Factors- $\alpha$  as a Regulator for Forkhead Box Protein M1 in Pulmonary Artery Hypertension. *Mustansiriyah Medical Journal*. 2019;18(2):59-62.

17. Histopathological Study of Liraglutide on Renal Deterioration Progression Induced by Doxorubicin. Al Mustansiriyah Journal of Pharmaceutical Sciences.2019;19(4).
18. Significance of TPO and Some Biochemical Parameters in Goiter Patients. International Journal of Pharmaceutical Sciences Review and Research (IJPSRR).2019;40(2): 251-254.
19. Estimation of Alpha-Fetoprotein (AFP) and Some of Biochemical Parameters in Leukemia Patients. World Journal of Pharmacy and Pharmaceutical Sciences (WJPPS).2016;5(9): 2275-2283.
20. Synthesis, Characterization of Some New Azo Compounds Containing 1,3-Oxazepine, Anthraquinone Moieties and Studying Their Activity against Pathogenic Bacteria. Journal of Natural Sciences Research, 2015;5(22): 69-80.
21. Assessment of some biochemical markers in Pregnant Women in Iraq. International journal of Current Microbiology and Applied Sciences (Int.J.Curr.Microbiol.App.Sci), 2015;4(12): 692-698.
22. Significance of ACTH and Some of Biochemical Markers in Obese Patients. Journal of International Academic Research for Multidisciplinary (JIARM).2015;3(6): 367-371.
23. Evaluation of Thyroid Hormone and Lipid Profile in Patients with Myocardial Infarction and Find the Relation between Them. International Journal of Scientific & Engineering Research (IJSER).2016(5):1007-1010.
24. Biochemical and Molecular Study in Women with Diabetes Mellitus Type 1; International Journal of Advanced Research.2015; 3(4); 1256-1265.
25. Levels of Glucose-6-phosphate Dehydrogenase in Type 1 Diabetes Mellitus patients with Nephropathy and Cardiovascular disease complication. Baghdad Science Journal, 2014;11(2): 461-468.
26. Study of Biochemical Parameters in Sera of Diabetes Mellitus DM (Type 1) Patients with Nephropathy and Myocardial Vascular Disease Complication. Journal of Al-Nahrain University Science (JUNS).2014;17 (2): 13-25.
27. Estimation of some biochemical parameters in gallstone patient's in correlation with age. Al- Mustansiriyah Journal of Education, 2012;6, 369-380.
28. The Study of Antibacterial Activity of Acridone Derivatives Containing 1,3,4-Oxadiazole. Al- Mustansiriyah Journal of Science, 2012;22(2): 13-26.
29. Inhibitory Effect of Synthesized Acridone Derivatives Containing 1,3,4-Thiadiazole on Cholesterol Enzymatic Activity. Ibn AL-Haitham Journal for Pure & Applied Sciences.2012; 24(3):13-26.

## **PROFESSIONAL DEVELOPMENT**

- Participate in conferences, seminars and workshops disciplines of the College of Pharmacy / Mustansiriyah University and other collages.
- Participate in qualifying session in the computer Center University of Baghdad in 2008.
- Participate in educational methods of teaching cycle / Mustansiriyah University in 2006.