

Laith Mohammed Abbas Al-Huseini

E-mail: laith_alhuseini@yahoo.com

Laith.abbas@qu.edu.iq

Laith.ma@uowa.edu.iq

Tel: 009647826336443

EDUCATION

- **Sep 2010-January 2014:** PhD Pharmacology, Department of Molecular and Clinical Pharmacology/ College of Medicine/ University of Liverpool/ UK.
- **Sep 2009- Sep 2010:** M. Res. Pharmacology/ Department of Molecular and Clinical Pharmacology/ College of Medicine/ University of Liverpool/ UK.
- **Sep 2000- Sep 2002:** M. Sc. Pharmacology/ Department of Pharmacology and Therapeutics/ College of Medicine/ University of Kufa/ Iraq.
- **Sep 1992- Jun 1998:** M. B. Ch. B./ College of Medicine/ University of Kufa/ Iraq.

EMPLOYMENT

- Dean of College of Pharmacy/ University of Al-Qadisiyah/ Ministry of Higher Education and Scientific Research/ Iraq (**Dec 2019-Jun 2023**).
- Head of Department of Pharmacology and Therapeutics/ College of Medicine/ University of Al-Qadisiyah/ Ministry of Higher Education and Scientific Research/ Iraq (**Dec 2014-Jun 2019**).
- Lecturer: Department of Pharmacology and Therapeutics/ College of Medicine/ University of Al-Qadisiyah/ Ministry of Higher Education and Scientific Research/ Iraq (**Jun 2009-present**).
- Assistant Lecturer: Department of Pharmacology and Therapeutics/ College of Medicine/ University of Al-Qadisiyah/ Ministry of Higher Education and Scientific Research/ Iraq (**Jan 2006- Jun 2009**).
- Assistant Lecturer: Department of Pharmacology and Therapeutics/ College of Medicine/ University of Kufa/ Ministry of Higher Education and Scientific Research/ Iraq (**Mar 2003- Jan 2006**).
- Part-time GP doctor at public medical clinics Al-Qasim city, Hilla, Babylon, Iraq (**Oct 2000- Apr 2009**).
- Resident doctor in Hilla hospitals (**Oct 1998- Mar 1999** Hilla Teaching Surgical Hospital. **Mar 1999- Jan 2000** Mirjan General Teaching Hospital. **Jan 2000- Sep 2000** Pediatric and Obstetric Babylon teaching hospital).

SKILL EXPERIENCE AND ACADEMIC ACTIVITIES

Clinical

- Wide range of medical techniques from simple patient examination to advanced surgical interventions and maneuvers.

Teaching

- Teaching Pharmacology to third year medical students.
- Demonstration for both lab and computer based experimental Pharmacology for second year pharmacology students at University of Liverpool.

Research

- Laboratory skills include: cell culture, cell differentiation, flow cytometry, ELISA, western blotting, radioactivity assay, bacterial growth, protein isolation and estimation.
- Handling animals for research with Home Office Personal license under the Animals (Scientific Procedures) Act, 1986.

Revisions

- Members of Examination committees for 20 MSc dissertations and PhD thesis.
- Revised 15 MSc dissertations and PhD thesis.
- Revised 20 research papers for different journals.

Mentoring

- Supervised 4 MSc students and 1 PhD student.
- Training PhD and M Res students (3 students)
- Supervising honor degree students for their lab project (5 students)
- Invigilator for examination at University of Liverpool

PUBLICATIONS

1- Loss of transcription factor nuclear factor-erythroid 2 (NF-E2) p45-related factor-2 (Nrf2) leads to dysregulation of immune functions, redox homeostasis, and intracellular signaling in dendritic cells. *Han Xian Aw Yeang, Junnat M. Hamdam, Laith M. A. Al-Huseini, Swaminathan Sethu, Laiche Djouhri, Joanne Walsh, Neil Kitteringham, B. Kevin Park, Christopher E. Goldring, and Jean G. Sathish.* Journal of Biological Chemistry JBC 2012; 287 (13):10556-64.

2- Heme oxygenase-1 regulates dendritic cell function through modulation of p38MAPK-CREB/ATF1 signalling. *Laith M. A. Al-Huseini, Han Xian Aw Yeang, Junnat M Hamdam, Swaminathan Sethu, Naif Alhumeed, Wai Wong and Jean G Sathish.* Journal of Biological Chemistry JBC 2014; 289 (23):16442-51.

3- Nuclear factor-erythroid 2 (NF-E2) p45-related factor-2 (Nrf2) modulates dendritic cell immune function through regulation of p38MAPK-CREB/ATF1 signalling. *Laith M. A. Al-Huseini, Han Xian Aw Yeang, Swaminathan Sethu, Naif Alhumeed, Junnat M Hamdam, Yulia Tingle, Laiche Djouhri, Neil Kitteringham, B Kevin Park, Christopher E Goldring and Jean G Sathish.* Journal of Biological Chemistry JBC 2013; 288 (31):22281-88.

4- T Cell Co-inhibitory Receptors: Functions and Signalling Mechanisms. *Thilipan Thaventhiran, Swaminathan Sethu, Han Xian Aw Yeang, Laith Al-Huseini, Junnat Hamdam and Jean G Sathish.* J Clin Cell Immunol 2012, S12.

5- A Comparative Study of Antipyretic Activity of Acetaminophen and Ibuprofen in Febrile Children. *Laith M. A. Al-Huseini* Kufa Medical Journal 2008; 18:187-92.

6- Effect of Methyl Dopa on Serum Lipid Profile in Rats. *Laith M. A. Al-Huseini, Jabbar Al-Mayah.* Al-Qadisiyah Medical Journal 2005; 8:65-70.

7- Effect of Hibiscus Sabdariffa on Serum Lipid Profile. *Laith M. A. Al-Huseini, Hawraa Mahmood, Abdul Al-Razak Abdul Al-Latif and Jabbar Al-Mayah.* Kufa Medical Journal 2004: 14:158-63.

8- Effective cefixime treatment in pregnant women with urinary tract infection. *Laith M. A. Al-Huseini, Asma A. Swadi and Saba M Swadi.* Journal of Chemical and Pharmaceutical Research, 2016, 8(2):73-78.

9- A comparison study of the echocardiographic changes in hypertensive patients treated with telmisartan vs. enalapril. *Najah R Hadi, Mohammad S Abdulzahra, Laith M. A. Al-Huseini, Hayder A Al-Aubaidy.* International Journal of Cardiology 2017; 230: 269–274.

10- The effectiveness of rotavirus vaccine and its impact on demographic characteristics for children in Babylon city, Iraq. *Laith M. A. Al-Huseini,* International Journal of Research in Pharmaceutical Sciences 2018; 9(3):755-761.

- 11- Study the Distribution of Rotavirus Genotypes in Vaccinated and non-Vaccinated Children in Babylon Province. Qassim Mahdi Mutlak, Manal Khalid Abdulridha and *Laith M. A. Al-Huseini*. Iraqi J Pharm Sci, Vol.30(2) 2021.
- 12- DMF Ameliorating Cerebral Ischemia / Reperfusion Injury in Male Rats. *Laith M. A. Al-Huseini*. Sys Rev Pharm 2019, 10(1):206-213.
- 13- Combination of Bardoxolone and DMF Ameliorates Cerebral Ischemia/Reperfusion Injury in Male Rats. *Laith M. A. Al-Huseini*, Al-Mudhaffer RH, Abosooda M, Hassan SM and Hadi NR. Prensa Med Argent, Volume 106:(1-6). 2020.
- 14- Myricetin Ameliorates Brain Damage Induces by Cerebral Ischemia-Reperfusion Injury in Rats. *Laith M. A. Al-Huseini*, Wadhah Mahbuba, Manar Hameed Mohammed, Fadhaa Abdulameer Ghafil, Maysaa Ali Abdul Khaleq, Najah R. Hadi, Zina Zwaini. Asian Journal of Pharmaceutics, Jan-Mar 2020, 14 (1) 36.
- 15- Updates in the Prevalence of Rotavirus Gastroenteritis in Babylon City. Qassim Mahdi Mutlak, Manal Khalid Abdulridha, *Laith M. A. Al-Huseini*. AJPS, 2018, Vol. 18, No.2
- 16- Both Telmisartan and Atenolol Improve Left Ventricular Diastolic Function and Cause Regression of Left Ventricular Hypertrophy in Hypertensive Patients. Mohammad S Abdulzahra, Najah R Hadi, *Laith M. A. Al-Huseini* and Hayder Al-Aubaidy. World Heart Journal, Volume 10, Number 3.
- 17- High-Level of Notch 1/Jagged 1 Level up Regulated Chemo-Resistance of Cisplatin in NSCLC. Nasser Ghaly Yousifa, Alla Mohammed Sadique, *Laith M. A. Al-Huseini*, Muntadher Noaman Jassim, Najah R. Hadi, Fadhil Al-Amran. Sys Rev Pharm 2020;11(5):917-922.
- 18- Tetramethylperazine alleviates sepsis-induced myocardial injury in mice by suppression NOX2-ERK1/2 signaling pathway. Nasser Ghaly Yousif, Ankur Sharma, Najah R. Hadi, *Laith M. A. Al-Huseini*, Majidah Naser Mohsin. Turkish Journal of Physiotherapy and Rehabilitation; 2021; 32(3): 13594 - 13607.
- 19- Bardoxolone Ameliorates Cerebral Ischemia/ Reperfusion Injury in Male Rats. Rihab H Al-Mudhaffer, *Laith M. A. Al-Huseini*, Saif M Hassan, Najah R Hadi. Annals of Tropical Medicine and Public Health 2019; 22 (4): 122-130.
- 20- Liraglutide attenuate myocardial injury through down-regulation of proinflammatory cytokines: modulates Notch1/Jagged1 signaling pathway. Nasser Ghaly Yousif, Ankur Sharma, Najah R. Hadi, *Laith Mohammed Abbas*, Zahraa Younis, Fadhil G. Al-Amran, Maitham G. Yousif, Ahmed N. Altimimi. Turkish Journal of Physiotherapy and Rehabilitation; 2021; 32(3): 13608 - 1686

CONFERENCE ATTENDANCE AND PRESENTATIONS

- British Society for Immunology (**BSI Congress 2010 Liverpool**) attendance
- British Society for Immunology (**BSI Congress 2011 Liverpool**) poster presentation
- European Network of Immunology Institutes ENII summer school (**May 2011 Sardinia /Italy**) poster presentation
- Biochemical Society- Hot topic: Nrf2 signaling in health and disease (**December 2011 London**) poster presentation
- European Congress of Immunology (**September 2012 Glasgow, Scotland**) poster presentation
- British Pharmacological Society BPS winter meeting (**December 2012 London**) poster presentation
- World Immune Regulation Meeting-VII (**Davos, Switzerland, March 2013**) poster presentation

AWARDS/SCHOLARSHIPS

- PhD scholarship from Iraqi government 2009.
- Travel grant from British Society for Immunology 2011.
- Travel grant from biochemical Society 2011.
- Travel grant from British Pharmacological Society 2012.
- Travel grant from University of Liverpool 2013.

MEMBERSHIPS

- Iraqi Medical Association IMA
- Iraqi Pharmacologist Association IPA
- British Society for Immunology BSI
- British Pharmacological Society BPS
- British Biochemical Society

Websites:

- <https://orcid.org/0000-0002-5170-1865>
- <https://www.scopus.com/authid/detail.uri?authorId=55143908000>
- <https://www.researchgate.net/profile/Laith-Abbas-Al-Huseini>
- <https://www.webofscience.com/wos/author/record/K-7281-2016>
- <https://www.linkedin.com/in/laith-al-huseini-a206b34a/>
- https://scholar.google.com/citations?user=BP_M1pgAAAAJ&hl=en&oi=ao