

Curriculum Vitae

Name : Luay Yousif Mohammed Al-Essa
Date of Birth 1956
Place of Birth: Iraq.
Marital Status Married with 4 children.
Native language Arabic.
Other languages English (excellent) language of study and teaching.
Courses and training: Japanese languages course, 11, 4,1990/Nagoya University, Japan
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▪ **Degrees:**

1. MB.ChB. 1980, Baghdad University Faculty of Medicine
2. MSc. Pharmacology, 1984, Baghdad University Faculty of Medicine
3. Ph.D. Pharmacology, 1995, Gifu University School of medicine (Japan).

▪ **Main filed of experience:**

Pharmacology and therapeutics.

▪ **Medical experience:**

25/8/1980 Rotator at the medical City Teaching Hospital which included internal medicine, Gynaecology and obstetrics, psychiatry and neurology and surgery.
16/8/1981-5/12/1982 Military Medical Services.
6/12/1982-10/4/1990 Private Clinical practice (private clinic)

▪ **Academic Experiences:**

6/12/1982 Demonstrator of Pharmacology , Baghdad University Faculty of Medicine, Baghdad, Iraq
6/12/1984 Assistant lecturer, Department of Pharmacology, Baghdad University Faculty of Medicine, Baghdad, Iraq.
14/9/1988 Lecturer, Department of Pharmacology, Baghdad University Faculty of Medicine, Baghdad, Iraq.
1/10/1990 Researcher, Gifu University School of medicine.
1/9/1995 Assistant Professor of Pharmacology, Al-Zaytoonah University of Jordan, Amman- Jordan.
9/11/2005 Associate professor of pharmacology, Al-Zaytoonah University of Jordan, Amman-Jordan

▪ **Management Experiences:**

1. Assistant Directory of the Examination committee, Baghdad University Faculty of Medicine for three years (1988-1990).
2. Head of Pharmacy Department, Al-Zaytoonah University of Jordan, Amman –Jordan (2002-2003).

▪ **Publications:**

1. L.Y. Mohammad, L.M. Al-Jubouri and H.H. Al-Jubouri. The effect of diazoxide on endotoxin induced hypoglycaemia and mortality in mice. IRCS Med. Sci. Res., 13, 426-427, 1985.
2. Rafid A. Najim, Luay Y. Al-Essa and Layla M Al-Jubouri. Benzodiazepine induced hyperglycemia, Med. Sci. Res., 15, 95-69, 1987.
3. Rafid A. Najim, Luay Y. Al-Essa and Faruk H. Al-Jawad. Effect of some drugs acting at the central – type benzodiazepine receptors on blood glucose in mice. Clinical and Experimental pharmacology and Physiology. 16, 7-12, 1989.
4. Rafid A. Najim, Luay Y. Al-Essa and Layla M Al-Jubouri. Effect of some drugs acting at the peripheral –type benzodiazepine receptors on blood glucose in mice. Med. Sci. Res ., 17,783-783, 1989.
5. Luay. Y. Al-Essa, Masayuki Niwa, Masashi Kobayashi, Masakatsu Nozaki and Kaiti Tsurumi. Glucagon modulates superoxide generation in human polymorph nuclear leukocytes. Life Sciences, 53, 1439-1445, 1993.
6. Masayuki Niwa, Tomohiko Iwai, Luay Y. Al-Essa, Masakatsu Nozaki and Kaito Tsurumi. Characterization of opioid receptors in the Mongolian gerbil cerebellum. Life Sciences, 55, 1277-1283, 1994.
7. Luay. Y. Al-Essa, Masayuki Niwa, Ken-ichi Kohno, and Kaito Tsurumi. A proposal for purification of salivary polymorph nuclear leukocytes by combination of nylon mesh filtration and density – gradient method: a validation by superoxide and cyclic AMP generating responses. Life Sciences, 55PL 333-338, 1994.

8. Niwa M., Al-Essa LY, Tsurumi K., Iwamura T. and Kataoka T. Opioid receptor affinity of dihydroetorphine in comparison with etorphine. *Regulatory Peptids*, 54, 211-212, 1994.
9. Masayuki Niwa, Ken-ichi Kohno, Luay. Y. Al-Essa, Masashi Kobayashi, Masakatsu Nozaki and Kaito Tsurumu. Ibudilast, an anti-allergic and cerebral vasodilator, modulates superoxide production in human neutrophils. *Life Sciences*, 56, 107-115, 1994.
10. Masakatsu Nozaki, Masayuki Niwa, kenichi Kohno, Al-Essa Luay, Seiichi Era, Shinji Eiichi Idaka, Michihiro Yamaguchi and Kimio Ohno. Different cAMP responses to superoxide generation between polymorphonuclear leukocytes derived from peripheral blood and peritoneal exudates. *Gifu University Center for cooperative Research*, 3, 13-18, 1993. (Japanese).
11. Luay. Y. Al-Essa, Masayuki Niwa, Ken-ichi Kohno, Masakatsu Nozaki and Kaito Tsurumi. Heterogeneity of circulation and exudates polymorphonuclear leukocytes in superoxide generation response to cyclic AMP and cyclic AMP elevating agents: investigation of the underlying mechanism. *Biochemical Pharmacology*, 49, 315-322, 1995.
12. Masayuki Niwa, Luay. Y. Al-Essa, Shuichiro Ohto, Ken-ichi Kohno, Masakatsu Nozaki, Kaito Tsurumi, tatsunori Iwamura and tadashi Kataoka. Opioid receptor interaction and adenyllyl cyclase inhibition dihydroetorphine: direct comparison with etorphine. *Life Science* 56, PL 395-400, 1995.
13. Masayuki Niwa, Luay. Y. Al-Essa, kenichi Kohno, Yutaka Kanamori, Mitsuhiro Matsuno, Akira Abe and Toshihiko Uematsu. The loss of recombinant human granulocyte colony stimulating factor and recombinant human TNF priming effects on the superoxide generating response in exudated neutrophils is associated with a decrease in their in their receptor affinities. *Journal of Immunology*, 157.4147, 1996.
14. Yutaka Kanamori, Masayuki Niwa, Ken-ichi Kohno, Luay. Y. Al-Essa, Hiroyuki Matsuno, Osamu Kozawa and Toshihiko Uematsu. Migration of neutrophils from blood to tissue: alteration of modulatory effects of prostanoid on superoxide generation in rabbits and humans. *Life Sciences*, 60, 1407-1417, 1997.

15. Raya M. Jamil, I. M. Abu-Al-Futuh, Muna A.M. Hassan , L. Y. Al-Essa and I. A. Al-Sheikh. Antibacterial effects of extracts from *Mentha Longifolia*. *J.J Appl. Sci.*, 1, 1-7, 1999.
16. Al-Douri N. A. Al-Essa L. Y., Shervington L. A. and Vartanian S. T. A qualitative analysis and the pharmacological effect of volatile oil components of *varthemia iphionoides* (V.I) growing wild in Jordan. *J.J.Appl.Sci.*, 2(3), 46-53, 2000.
17. Luay. Y. Al-Essa, Muna A. M. Hasan, Ibrahim M. Abu-Al-Futuh, Raya M. Jamil and A. Al-Sheikh. Pharmacological effects of extracts from *Mentha Longifolia*. *L.Huds, Al-Balq`a Journal* 9(2), 2002.
18. Mohammed C. Al-Noaemi, Luay. Y. Al-Essa, Muna A. M. Hasan and Ahmad Al-Noaemi. Evaluating the effective use of oral Rehydration Therapy. *Al-Balq`a Journal*, 9(2), 87-94, 2001.
19. Luay. Y. Al-Essa. Cellular calcium in human polymorphonuclear leukocytes during inhibition of superoxide anion generation by dibutyryl cAMP. *J.J. Appl. Sci*, 5, 26-34, 2003.
20. Luay Y. Mohammed and Khaled Al-Kubaisy. The effects of *Teucrium polium* leaves on Hematological indices and some Biochemical Parameters in rats. *Bulletin of pharmaceutical sciences (Assiut University)*, 27, 75-78, 2004.
21. Nedhal A. Al-Douri and Luay Y. Al-Essa. A survey of plants used in Iraqi traditional medicine, *JJPS*, 2, 100-108, 2010.
22. Khaled Al-Kubaisy, Luay Y. Al-Essa, Hamad Al-Jamain and Maissa T. Shawagfeh. Hematological and Biochemical Evaluation of *Teucrium Polium* in Albino Rats, *British Journal of Pharmacology and Toxicology*, 3, 123, 2012
23. Khaled Al-Kubaisy, Luay Y. Al-Essa, Maissa T. Shawagfeh, Rania M. Al-groom and Hamad Al-Jamain. Hepatoprotective activity of *Teucrium polium* against CCl₄ induced hepatotoxicity in male albino rats, *International Journal of Indigenous Medicinal Plants*, 46, 1206-1210, 2013.