

Curriculum Vitae

Name: Prof. Dr. Mervat Mohamed Labib Abdel-Khaleq El-Gendy

University: Ain Shams

Faculty: Faculty of Women for Arts Science and Education

Department: Zoology

Current Position and Specialization: Emeritus Professor, Department of Zoology

General Specialization: Zoology

Specific Specialization: Embryology

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Academic Qualifications:

- B.Sc. in Science, May 1972, Faculty of Women, Ain Shams University –
Major: Chemistry/Zoology, Grade: Very Good
- M.Sc. in Science, 1978, Faculty of Women, Ain Shams University
Thesis Title:
Radiation-induced abnormalities in the chick embryonic developments
- Ph.D. in Philosophy of Science, 1981, Faculty of Women, Ain Shams University

Academic Positions:

- Teaching Assistant: 1972 – 1978
- Assistant Lecturer: 1978 – 1981
- Lecturer: 1982 – 1990
- Assistant Professor: 1990 – 1996
- Department Chair 2010-2011
- Professor: From 1996- 2011

- Emeritus Professor 2011 to present

Courses Taught:

- Embryology
 - Advanced Embryology
 - Experimental Embryology
 - Comparative Anatomy
 - Vertebrates
 - Comparative Anatomy
 - Radiobiology
 - Ecology
 - Evolution
 - Hematology
 - Insecticides
 - Invertebrates
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Published Research by Dr. Mervat Mohamed Labib:

Scholarly Publications for Promotion to M.S c. Thesis:

- **Hamed, R., Madiha, A., F. Mazhar, & Labib, M.M** (1980). Effect of gamma irradiation on the liver of white leghorn hatching chicks. *Isotope & Radiation Research*, 12(2), 103–109.
 - *Effect of gamma radiation on the liver of Leghorn chicks*, 1980
(Co-authors: Hamed Roshdy, Madiha Ashry, Fatma Mazhar, Mervat Labib)
- **Hamed, R., Madiha, A., F. Mazhar, & Labib, M.** (1981). *Radiation effects on chick embryo development (Leghorn)*, *Isotope & Radiation Research*.
- *Radiation effects on chick embryo development (Leghorn)*, 1981
(Same co-authors)

PhD Thesis:

Scholarly Publications for Promotion to Assistant Professor:

- *Effect of pesticides on Leghorn chick embryos*, published 1989
 1. Embryos aged 48–72 hours
 2. Embryos aged 10 days
 3. Chicks aged 21 days
(Co-author: Haifa Omran Al-Omran)
- *Effect of morphine on chick embryos*, published 1990
(Co-author: Magda Abdel-Halim Ali)
- *Histological study of morphine injection effects on liver and kidney in chicks*, 1990
- *Deformities in 10-day-old chick embryos caused by Lorazepam treatment*, 1990
- *Effect of Lorazepam on liver and spleen in chick embryos*, 1990
- *Congenital deformities caused by colchicine in chicks*, 1991
(Co-author: Magda Abdel-Halim Ali)
- *Effect of colchicine on testes and ovaries in chick embryos*, 1990

Scholarly Publications for Promotion to Professor

1. *Effect of Norgestrel on embryos of mother mice before and during pregnancy*, 1994
2. *Effect of overdose of beta-carotene on pregnant mice and their embryos*, 1994
3. *Deformities as a result of cadmium poisoning in pregnant rats and their embryos*, 1995
4. *Deformities from antipyretics and/or antibiotics in white mice development*, 1995
5. *Histological studies on the effect of heroin on the brain in white rats*, 1995
6. *Deformities from zinc chloride in white mice development*, 1995
7. *Hematological and histological changes in pregnant white mice and their embryos in response to heroin use*,

(Co-author: Fatma Mohamed Zahran), 1995

8. *Histological changes in the gonads of young white mice in response to heroin use and withdrawal*, 1995

9. *Functional and structural changes in kidneys of pregnant white rats and their embryos injected with heroin*, 1995

10. **Hamed, R., Madiha, A., F. Mazhar, & Labib, M. M.** (1980). Effect of gamma irradiation on the liver of white leghorn hatching chicks. *Isotope & Radiation Research*, 12(2), 103–109.
11. **Labib, M. M., & El-Omran, H.** (1989). Effect of insecticides on the development of white Leghorn chick embryos. I. 48 and 72 hour embryos. *Proceedings of the Zoological Society A.R. Egypt*, 17 (December), 27–36.
12. **Labib, M. M., & El-Omran, H.** (1989). Effect of insecticides on the development of white Leghorn chick embryos. II. 10-day chick embryos. *Proceedings of the Zoological Society A.R. Egypt*, 17 (December), 37–48.
13. **Labib, M. M., & El-Omran, H.** (1989). Effect of insecticides on the development of white Leghorn chick embryos. III. 21-day chick embryos. *Proceedings of the Zoological Society A.R. Egypt*, 17 (December), 49–62.
14. **Labib, M. M, Ali, M. A** (1990). Effect of morphine on the development of the chick. *E.M.J.*, 7(2), 105–116.
15. **Labib, M. M.** (1990). Histopathological study on the effect of morphine on liver and kidney of chicks. *E.M.J.*, 7(3), 161–172.
16. **Labib, M. M.** (1990). Teratogenic effects of lorazepam on pre-hatching chick embryos. *E.M.J.*, 7(3), 149–160.
17. **Labib, M. M.** (1990). Effect of lorazepam on liver and spleen of pre-hatching chick embryos. *E.M.J.*, 7(5), 243–256.
18. **Labib, M. M.** (1990). Histological studies on the gonads of chick under the effect of colchicine. *Egyptian Journal of Histology*, 13(1), 71–76.

19. **Ali, M. A., & Labib, M. M.** (1991). Teratogenic effect of colchicine in chicks. *Proceedings of the Egyptian Academy of Sciences*, 41, 11–21.

20. **Labib, M. M., Elngmy, F., Elbdwy, A. H.** (1992). Effect of pentazocine on the testis of male Albino rat. *E. M. J.* Vol. 9 No. 7, 197-210

21. **Zahran, F, Labib, M. M.** (1994). Hematological changes in young Albino rats in response to heroin *administration and withdrawal*. *Egypt. J. Med. Sci*, 15 (1): 55-68.
22. **Labib, M. M.** (1995). *Histological changes and withdrawal in gonads of young rats in response to the administration of the heroine*. *Journal of Union Arab. Biology. Cairo. Vol. 3(A) Zoology*, 135-157.
23. **Labib, M. M.** (1995). *Histological features of the brain of albino rats in response to heroin administration*. *Journal of the Egyptian Society of Toxicology*, 15, 1–12.
24. **Labib, M. M., Zahran, F.** (1995). Functional and structural changes in the kidneys of pregnant rats and their fetuses following heroin administration. *Journal of Union Arab. Biology. Cairo. Vol. 3(A) Zoology*, 309-332.
25. **M.M. El Gendy, A.M. Kandil, M.A. Helal, F.M. Zahou** (2015): The teratogenic effects of imatinib mesylate on rat fetuses. *Toxicology Reports* (2): 654–663. Sciencedirect and open access journal. ISSN: 2214-7500. التشوهات الجنينية لمادة إيماتينب ميسيليت في أجنة الجرذان.
26. **M. M. EL GENDY, A. M. KANDIL, M. A. HELAL AND F. M. ZAHOU** (2015): Hepatotoxicity associated with imatinib mesylate in maternal and fetal rats. *Journal of Biology and Nature* 4(3): 141-151. التسمم الكبدي المصاحب للإيماتينب ميسيليت في الأم وأجنة الجرذان.
27. **Fawzy, S.H., M Ali, R.A., Labib, M.M. and Rashed, M.A.** 2015. Tamoxifen-Induced Chromosomal Aberrations in Pregnant Female Rats. *Journal of Scientific Research in Science*, 32(part 2), pp.311-324.
28. **Elshafiey, S.H., ElGendy, M.M.L., Rashed, M.A., Ali, R.A.M. and Kamel, A.H.** 2020. Reproductive Toxicity Induced by Low Dose Bisphenol A (BPA) in Male Rats. *Journal of Scientific Research in Science*, 37(Part 2 (Biological Sciences)), pp.73-98.
29. **Esraa A. Rashed, Mervat M. Labib, Mona A. M. Helal** (2022): Effect of Tramadol on the Development of Chick Embryos. *Journal of Scientific Research in Science* 39(2):194-218. DOI:10.21608/jsrs.2022.275797. License CC BY-NC-SA 4.0. تأثير الترامادول علي نمو أجنة الدجاج
30. **Abd El Razik, R.M., El-Gendy, M.M., Heibashy, M.I. and Elshafiey, S.H.** (2024). Potential Curative Effects of Taurine and Curcumin on Rats Liver with Preeclampsia Induced by Doxorubicin. *Journal of Scientific Research in Science*, 41(2), pp.238-261.
31. **Nermeen M. Abd Ellatif, Sara H. Agwa, Neveen A. Ashaat, Mervat M. Elgendy** (2024). Correlation Between Long non-coding RNA SOX2OT rs9839776 C>T Polymorphism and Unexplained Recurrent Miscarriages. [EAJBS](#) Volume 16, Issue 1, June 2024, Pages 277-295.