

CURRICULUM VITAE

I. PERSONAL INFORMATION

Name: Amer Abdalla El-Gerwi
Qualifications: B.V.Sc, M.V.Sc, Ph.D.
Social status: Married + 5 kids
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Email address: Am.Elgerwi@uot.edu.ly
Date of Birth: February 26, 1966
Place of Birth: Tripoli, Libya



Current position: Professor of the Department of Pharmacology,
Toxicology and Forensic Medicine;
Professor of Toxicology,
Faculty of Veterinary Medicine,
University of Tripoli, Libya.

(2011-2018): Chairman of the Department of Pharmacology,
Toxicology and Forensic Medicine.
Faculty of Veterinary Medicine,
University of Tripoli, Libya.

Work Address: Department of Pharmacology, Toxicology & Forensic Medicine,
Faculty of Veterinary Medicine, Tripoli University,
B.O. Box 13662 Furnaj, Tripoli, Libya.

Home Address: Ahmed Alamawy Street, Hay Alandalus, Tripoli, Libya.

EMPLOYMENT HISTORY

Time: From: 9-2011 to 11-2016.
Institute: Faculty of Veterinary Medicine,
Tripoli University, 13662 Furnaj, Tripoli, Libya.
Position: Assistant Professor of Toxicology .

Duties:

- Managing department administrative affairs;
- Teaching Toxicology courses to under- & postgraduate students;
- Teaching Lab of Toxicology to under- & postgraduate students;
- Scientific research for promotion to professor rank;
- Instructing junior researchers;
- Data analysis and manuscript writing.

**PREVIOUS EMPLOYMENTS**

- Time:** From: 11-2008 to 9-2011
Institute: Al-Fateh University, 13662 Furnaj, Tripoli, Libya.
Position: Assistant Lecturer of Toxicology
Duties:
- Teaching Toxicology courses to under- & postgraduate students;
 - Teaching Lab of Toxicology to under- & postgraduate students;
 - Scientific research for promotion to professor rank;
 - Instructing junior researchers;
 - Data analysis and manuscript writing.
- Time:** From: 04-2001 to 10-2008
Institute: Al-Fateh University, 13662 Furnaj, Tripoli, Libya.
Position: Lecturer of Toxicology
Duties:
- Teaching Toxicology courses to under- & postgraduate students;
 - Teaching Lab of Toxicology to under- & postgraduate students;
 - Scientific research for promotion to professor rank;
 - Instructing junior researchers;
 - Data analysis and manuscript writing.
- Time:** From: 09-1996 to 6-2000
Institute: Faculty of Veterinary Medicine,
Košice, Slovak Republic.
Position: PhD Candidate
Duties:
- Courses and research,
 - PhD Thesis writing.
- Time:** From: 03-1993 to 09-1996
Institute: Al-Fateh University, 13662 Furnaj, Tripoli, Libya.
Position: Assistant Lecturer of Toxicology
Duties:
- Teaching Lab of Toxicology to undergraduate students;
 - Preparing to the scholarship.
- Time:** From: 01-1991 to 02-1993
Institute: Al-Fateh University, 13662 Furnaj, Tripoli, Libya.
Position: Assistant Researcher of Toxicology
Duties:
- Teaching Lab of Toxicology to undergraduate students;
 - Courses and research;
 - Master Thesis writing.
- Time:** From: 6-1990 to 12-1990
Institute: Janzur Clinic, Tripoli, Libya.
Position: Veterinarian
Duties:
- Diagnosis and treatment of veterinary cases.

EDUCATIONAL BACKGROUND

i.

Time: From: 9-1985 to 6-1990
Institute: Faculty of Veterinary Medicine,
Al-Fateh University, 13662 Furnaj, Tripoli, Libya.
Degree obtained: Bachelor of Veterinary Medical Sciences (BVMSc).

ii.

Time: From: 9-1990 to 03-1993
Institute: Faculty of Veterinary Medicine,
Al-Fateh University, 13662 Furnaj, Tripoli, Libya.
Degree obtained: Master of Veterinary Medical Sciences (MVMSc;
TOXICOLOGY);

iii.

Time: From: 09-1996 to 06-2000
Institute: Faculty of Veterinary Medicine,
Košice, Slovak Republic.
Degree obtained: Philosophy Doctor of Veterinary Medical Sciences (PhD;
TOXICOLOGY);

iv.

Time: From: 09-2007 to 01-2009
Institute: Al-Amal Center for Higher & Medium Medical Sciences,
Tripoli, Libya.
Degree obtained: Higher Diploma in Medical Sciences (PHARMACY)

EXPERIENCE

A. TEACHING EXPERIENCE:

i. Practical toxicology course to undergraduates (4th grade BVMSc. Course)

- Handling of different laboratory animals including rats, mice, guinea-pigs rabbits and frogs;
- Sampling;
- Laboratory Methods for detection of poisons;
- Demonstration of the different toxicological actions of poisons on different body systems both in vivo and in vitro.

ii. Theoretical toxicology course to undergraduates (4th grade BVMSc. Course)

- Toxicology of poisonous plants
- Toxicology of corrosives
- Toxicology of heavy metals
- Toxicology of mycotoxins
- Feed- and water-related toxicology

B. RESEARCH EXPERIENCE:

- Investigating toxicological aspects of poisonous plants, heavy metals and other toxins.

AWARDS

- Award from the Libyan Syndicate for Veterinarians (1992).
- Award from the Tunisian Syndicate for Veterinarians (1993).
- Award from the Morocco Syndicate for Veterinarians (1995).

RECORD OF PUBLICATIONS:

1. **A. Elgerwi**, A. El-Magdoub and A. El-Mahmoudy. Qualitative identification of the active principles in *Citrullus colocynthis* and evaluation of their teratogenic effects in albino rats. *International Journal of Basic & Clinical Pharmacology* 2013; 2(4): 438-445.
2. **A. Elgerwi**, Z. Benzekri, S. Awaidat, A. El-Magdoub, A. Abusnina, A. El-Mahmoudy. Subchronic haemotoxicity and histotoxicity of *Citrullus colocynthis*. *Journal of American Science* 2013; 9(5): 79-87.
3. M. Abousalem, **A. Elgerwi** and A. El-Mashad: Biotoxic and haemotoxic effects of air pollutants at a benzene station on albino rats. *International Journal of Animal and Veterinary Advances* 4(3): 187-190, 2012.
4. Hussein Abdel Maksoud, Yaqot El-Senosi, Afaf Desouky, Reem Sorour, **Amer Elgerwi**, Abubakr El-Mahmoudy: Antihyperlipidemic effect of iced black tea (*Camellia sinensis*) extract. *Molecular & Clinical Pharmacology*, 3(1): 8-20, 2012.
5. A. El-Magdoub, S.K. Awidat, M. Draid, **A. Elgerwi** and A. El-Mahmoudy: Effect of intramuscular injection of tobramycin on some biochemical parameters in blood of sheep. *International Journal of Animal and Veterinary Advances* 4(2): 130-134, 2012.
6. Marwan Draid, Mujhaed Bushwereb, **Amer Elgerwi**, Naema Eltketiek, Khaled Aburas, Nawal Saeed: Protective Effect of Camel's Milk on Haemogram in Lead-Intoxicated Albino Rats. *Libyan Vet. Med. J.*, 2011, Vol. 2: 44-64.
7. Marwan Draid, Khalid Benelhaj, Kheria Laflof, **Amer Elgerwi**, Abdul Gbaj: Protective effects of green tea (*Camelia sinensis*) against nicotine-induced oxidative stress markers in wistar albino rats. *Libyan Vet. Med. J.*, 2010, Vol. 1: 117-132
8. **Amer El-Gerwi**, Jozef Bíreš & Marwan Draid: Hepatotoxic effect of chronic industrial emission exposure and its control in sheep. *Benha Vet. Med. J.*, 2009, Vol. 20, No. 2, 676-692.
9. **Amer El-Gerwi**, Jozef Bíreš & Marwan Draid: Cumulative levels of minerals in sera of copper-intoxicated and antidote-treated sheep. *Benha Vet. Med. J.*, 2009, Vol. 20, No. 2, 659-675.

10. **Amer A. El-Gerwi**, Abd El Salam E. Hafez & Mervat Ghoneim: Detection of lead and cadmium residues in marketed pekini duck, chicken and Japanese quail. Proceedings of the 4th international scientific conference of the Egyptian Society of Environmental Toxicology, Safaga, Egypt, 2008, 11-14 Nov..
11. Gihan G. Mostafa, **Amer A. El-Gerwi** & Mervat Ghoneim: Toxicological aspects of long-term exposure to the fungicide metalaxyl in male albino rats. Zagazig Vet. J. (ISSN: 1110-1458), 2008, Vol. 36, No. 5, 28-44.
12. Nabela I. El-Sharkawi, Magdi F. Abou El-Fotouh & **Amer A. El-Gerwi**: Oral intoxication of Baladi rabbits with metalaxyl fungicide. Benha Vet. Med. J., 2007, Vol. 18, No. 2, 267-284.
13. **A. El-Gerwi**, J. Bíreš & M. Levkut: Industrial copper intoxication in sheep: clinical and pathological findings. Acta Vet. Brno, 1999, Vol. 68, 197-202
14. **El-Gerwi A.** & Bíreš J. (1999): Distribution of minerals in organs of sheep after intoxication with copper from industrial emission. Czech J. Animal Sci., 1999, Vol. 44, 487-495.
15. **Elgerwi A.**, Bíreš J, Pistl J., Kliková K: The influence of industrial intoxication with copper on cellular immunity in sheep. Vet. Med. Czech, 1999, 44: 171-176.
16. **El-Gerwi A.**, Bíreš J. Britan M., Hiscakova M. & Huska M.: Accumulation of minerals in an organism of antidote-supplemented sheep during industrial copper intoxication. University of Veterinary Medicine, Department of internal diseases of ruminants and swine, Komeského 73, 041 81 Košice, Slovakia.
17. M Warida, **AA Elgerwi**, AM El-Mahmoudy : Effects of non-selective (piroxicam) and selective (meloxicam) cyclo-oxygenase inhibitors on the intestinal contractility of rabbits: nternational Journal of Basic & Clinical Pharmacology 4 (5), 924.
18. W El-Rwegi, **A Elgerwi**, A El-Mahmoudy: Effects of selected cyclo-oxygenase inhibitors on cardiovascular preparations in rabbits: International Journal of Pharma Sciences Vol. 5, No. 5 (2015): 1249-1254.
19. J Elasough, **A Elgerwi**, I Eldaghayes, A El-Mahmoudy: Residual evaluation of oxytetracycline in camel edible tissues in Tripoli region, Libya: Current Research in Microbiology and Biotechnology Vol. 3, No. 5 (2015): 718-724.

SCIENTIFIC MEETINGS AND CONFERENCES:

1. A. El-Mahmoudy, **A. Elgerwi**. Safety profile after long-term administration of sildenafil to hyperlipidemic albino rats. 13th annual meeting of Safety Pharmacological Society – SPS – Rotterdam, the Netherlands; 16-19 Sep, 2013. (Abstract code: 039).
2. Z. Benzekri, A. Elgerwi, A. El-Mahmoudy. Subchronic toxicological studies on Citrullus colocynthis in rats. The 28th Meeting of the General Scientific Congress, organized by the Union of Arab Pharmacists. Ifrane, Morocco, 8-9 February, 2013.

3. **A. Elgerwi**; A. El-Magdoub; S. K. Awidat; M. Draid and A. El-Mahmoudy. Effect of tobramycin on some haematological and biochemical parameters in sheep. II International Conference on Antimicrobial Research - ICAR2012. Lisbon, Portugal; 21st -23rd November 2012. (Abstract code: 375).
4. Bíreš J, Jenčík F, Vrzgula L, **Elgerwi A.**, Lešnik F, Húska M, Britan M, Mesároš P, Paulik V, Vrzgulova M (1999): Produkčne zdravie prežúvavcov v oblasti zavodov na výrobu medi a magnezitových závodov. VIII Scientific Symposium with international participation on ecology inselected alomeration of Jelšava-Lubenik and stredný Spiš, pp. 288-290.
5. Bíreš J, **Elgerwi A.**, Jenčík F, Britan M, Jesenská M, Cigánková V, Paulik V (1999): Function activity of the liver in treated and untreated sheep with chronic copper intoxication. VIII Scientific Symposium with international participation on ecology inselected alomeration of Jelšava-Lubenik and stredný Spiš, pp. 42-45.
6. Bíreš J, **Elgerwi A.**, Jenčík F, Pistl J, Buleca J, Mesároš P, Cigánková V (1999): Immunity system of sheep under chronic intoxication by copper. VIII Scientific Symposium with international participation on ecology inselected alomeration of Jelšava-Lubenik and stredný Spiš, pp. 70-72.
7. **Elgerwi A.**, Bíreš J, Jenčík F, Britan M, Húska M, Levkut M (1999): Clinical and pathoanatomical picture of industrial copper intoxication. VIII Scientific Symposium with international participation on ecology inselected alomeration of Jelšava-Lubenik and stredný Spiš, pp. 111-113.
8. **Elgerwi A.**, Bíreš J, Jenčík F, Hiščáková M, Scurokova E, Lešnik F (1999): Distribution of minerals in organs of sheep with chronic intoxication by copper. VIII Scientific Symposium with international participation on ecology inselected alomeration of Jelšava-Lubenik and stredný Spiš, pp. 63-65.
9. **Elgerwi A.**, Bíreš J, Jenčík F, Hiščáková M, Lešnik F, Buleca M (1999): Dynamic of concentration of minerals in blood serum in treated and untreated sheep under industrial copper intoxication. VIII Scientific Symposium with international participation on ecology inselected alomeration of Jelšava-Lubenik and stredný Spiš, pp. 95-97.
10. Bíreš J, Jenčík F, Britan M. Lešnik F, Húska M, **Elgerwi A.** (1999): Effect of ammonium molybdate and sodium sulphate on utilization of copper in sheep near industrial plant. Konferencie s mezinárodní účastí, veterinární a farmaceutická univerzita Brno, III, Kábrtovy, dietetické dny, 2 září, s. 172-174.
11. **Elgerwi A.**, Bíreš J, Lešnik F (1999): Hepatic metabolism in treated sheep during chronic copper industrial intoxication. The 19th International Symposium "Industrial Toxicology", Bratislava, Slovak Republic, pp. 88-92.
12. Bíreš J, **Elgerwi A.** (1999): Mineral profile of blood serum of sheep during application of emission from the zinc and copper factory. The 19th International Symposium "Industrial Toxicology", Bratislava, Slovak Republic, pp. 31-34.
13. Bíreš J, Michna A., Seidel H., **Elgerwi A.**, Húska M (1999): Magnesium flue dust in prevention of subclinical hypomagnesemia in dairy cows. Proceedings of the 1st middle-european Buiatrics Congress, Hungary, pp. 346-348.

14. Bíreš J, **Elgerwi A.**, Húska M, Jenčík F, Bírešová M, Lešnik F, Hiščáková M, Jesenská M (1998): Concentration of Cu, Fe, Zn, Se, Mo, Cd, As & Pb in the feed and organs of sheep near Krompachy in 1996-1997. VII Scientific Symposium with international participation on ecology in selected agglomeration of Jelšava-Lubenik and stredný Spiš, pp. 219-222.
15. Bíreš J, Michna A., Kalinac P., **Elgerwi A.**, Jesenská M, Hiščáková M (1998): Dynamics of selected indices in biological material of dairy cows during supplementation with industrial magnesite. Proceedings of international conference organized on occasion of forthcoming 50th anniversary of the UVM Foundation, Slovak Republic, pp. 190-192.
16. **Elgerwi A.**, Bíreš J, Pistl J., Kliková K (1998): The influence of industrial intoxication with copper on cellular immunity in sheep. Proceedings DNL výživy a veterinárnej dietiky, UVL, Košice, Slovak Republic, pp. 175-179.
17. Bíreš J., Konrád V., Bírešová M, **Elgerwi A.**, Hiščáková M (1998): Experimental intoxication of sheep with risk elements for industrial emissions: Clinical symptoms and Pathology. Proceedings of Hygienic and Ecological Problems in Relation to Veterinary Medicine, UVL, Košice, Slovak Republic, pp. 171-175.
18. **Elgerwi A.**, Bíreš J, Jesenská M, Hiščáková M (1998): Distribution of minerals in organs of sheep after intoxication with copper from industrial emission. Proceedings of Hygienic and Ecological Problems in Relation to Veterinary Medicine, UVL, Košice, Slovak Republic, pp. 177-182.
19. 12th Maghribi Veterinary Conference, Rabat, Morocco, March 30- April 1, 1995. Biochemical changes due to *Citrullus colocynthis* poisonous plant in Libya.
20. 11th Tunis Veterinary Conference, Tunis, 11-13 Nov., 1993. Teratogenic & histopathological effects of *Citrullus colocynthis* plant extract.
21. 10th Libya Veterinary Conference, Tripoli, 12-15 October, 1992. Photochemical study on the active ingredients present in the poisonous plant *Citrullus colocynthis*.

RESEARCH SKILLS:

- Toxicological techniques as toxicodynamics including actions and mechanisms of actions of poisons and poisonous plant extracts on different body systems in different laboratory animals both in vitro and in vivo.
- Laboratory animals handling, administration of drugs via various routes, sampling, surgeries...etc.
- Basic biochemical techniques including Spectrophotometry, ...etc.
- Gas chromatography and HPLC
- Teratology techniques.
- Some computer applications like word, power point, excel...etc.
- Statistical analysis of biological experiments by simple methods as Student's t-test.
- Writing manuscripts in forms suitable for publication.

COMMUNICATION SKILLS:

- Arabic: Mother tongue
- English: Good (talking & writing)
- Slovak: Good (talking & writing)

THESES REFREED:

- Negative effects of nitrogenous fertilizers on public health by Salha Salem Kheer, Department of Horticulture, Faculty of Agriculture, Al-Fateh University, 2006.

THESES SUPERVISION:

- Some pharmacodynamic studies on cyclo-oxygenase inhibitors in rabbits; A Master thesis by Woraida Masoud El-Rwegi, Faculty of Veterinary Medicine, University of Tripoli, (2016).
- A residual evaluation of commonly used antibacterials for camels in Tripoli, Libya; A Master thesis by Jamela Mohamed Elasough, Faculty of Veterinary Medicine, University of Tripoli, (2015).
- Chemical fertilizers: positive and negative aspects by Salha Salem Kheer, Department of Horticulture, Faculty of Agriculture, Tripoli University,(2006).