

## **PERSONAL DATA**

Name : Samia Mohammed Ali EL Badwi

Nationality : Sudanese

Date of Birth : 2/May/1962

Place of Birth : Wad Madani Sudan

Religion : Muslim.

Sex : Female

Marital Status : Married with three children

Current Position : Associate Professor, Head Department of Pharmacology and Toxicology, Faculty of Veterinary Medicine, University of Khartoum, Sudan.

Current Address : Department of Pharmacology and Toxicology, Faculty of Veterinary Medicine, University of Khartoum, P.O. Box. 32 Khartoum- North- Sudan.

## **Academic Qualification**

- 1- BVSc (with merits in nine Subjects). University of Khartoum, Sudan 1987.
- 2- BVSc (Toxicology of Medicinal Plants). University of Khartoum, Sudan 1990.
- 3- PhD ( Toxicology of Medicinal Plants ) University of Khartoum , Sudan 1997

## **Prizes and Awards**

- 1- University prize of best part II student in Biochemistry.
- 2- University prize of best part II student in Animal Husbandry.
- 3- University prize of best part IV student in Pharmacology.
- 4- Sayed Mohamed Abd Rabu's prize of best overall performance.

## **Training Courses**

- Three months training program funded by DAAD at the University of Hanover (Germany) for analysis of Sera and Tissues of chicks fed various levels of dietary Ricinus communis and Jatropha curcas (1990).

- One month course on use of Computer in Biomedical Science, University of Khartoum, 1994.

- Three months training program funded by DAAD at the University of Hanover (Germany) for analysis of sera of goats treated with Calotropis procera, Ficus elastica and Euphorbia abyssinica (1997).

## **Teaching experience and organizing ability**

- Teaching assistant- Department of Medicine, Pharmacology and Toxicology (1990-1991)

- Lecturer in the same Department (1991)

- Assistant Professor (1997)

- Associate Professor (2004)

- My responsibilities included lectures and practical classes

To final year students in Veterinary Toxicology, Forensic

Medicine and Veterinary Therapeutic, as well conducting research on

Toxic and medicinal plants, pesticides and clinical Pathology in Faculty of Veterinary Medicine, University of Khartoum; University of Nayala, and University of Sudan

- Teaching Lectures and Practical classes of Pharmacology and Therapeutics to M.Sc. students, Faculty of Veterinary medicine, Department of Preventive Medicine, University of Khartoum.(2002-till now)

- Teaching lectures of Endocrinology to 4Th year students in Nelain University, Faculty of Science and Technology, Sudan (2003-2006)

- Assisted in the researches of several post graduate students

In field of toxicology.

- Worked as Secretary of Department council for 3 years

(1993- 1995).

- Member of the Faculty Admissions Committee (1996)
- Head Department of Medicine, Pharmacology and Toxicology, Faculty of Veterinary medicine, University of Khartoum (2007- Sept 2010)
- Head Department of Pharmacology and Toxicology, Faculty of Veterinary Medicine, University of Khartoum (Octob 2010- till Now)

## **Editorial Activities**

1-Memberships of Editorial Boards:

§ Journal of Applied and Industrial Sciences

<http://www.researchpub.org/journal/jais/jais.html>

2-Potential reviewer in International Journals:

■ Journal of Medicinal Plant Research

[www.academicjournals.org/jmpr](http://www.academicjournals.org/jmpr)

■ Journal of Toxicology and Enviromental Health Sciences.

[w.w.w.academicjournals.org/JTEHS](http://w.w.w.academicjournals.org/JTEHS)

■ Journal of Veterinary Medicine and Animal Health

[www.academicjournals.org/JVMAH](http://www.academicjournals.org/JVMAH)

3-Potential reviewer in Local Journals:

■ Journal of Science and Technology (Sudan University of Science and Technology)

■ Journal of Medicine and Poisons ( National Council of Medicine and Poisons)

■ The Sudan Journal of Veterinary Science and Animal Husbandry (Veterinary Research Labortories).

## **Post-graduate students**

A) Supervisor

1- Amna, Beshir Medani Ahmed. M. V. Sc. Toxicological studies of Sudanese plants. *Acacia nilotica*, *Solenstema argel* and *Cymbopogon proximus*, Awarded March 2000

- 2- Osman Ahmed Osman. M. V. Sc. Anticestodal action of some Medicinal plant against the poultry cestodes *Raillietina tetragona*, awarded March 2001
- 3-Khairalla Mohammed Saeid .M.V. Sc. Anti-inflammatory activity of *Haplophylum tuberculatum* and *Aristolochia bracteata*), awarded 2003.
- 4-Raja Ahmed Mohamed Elhaj, M.V.Sc. Hepatoprotective activity of two Sudanese plants on experimental liver damage in laboratory animals, awarded November 2002
- 5- Hafiz Kamal Fodal Daewod, M. V. Sc..Anthelmintic activity and toxicity of two medicinal plants *Veranonia amygdaliva* and *Artimesia- herba-alba* in chick, awarded 2002
- 6- Tawdu Ali Saeed Aldao, M. V.Sc..Effect of *Leptidina araborea* and *Zyzigum aromaticum* in Albino rats,awarded 2006
- 7- Nawal Abdelraheem Mohamadu, M. V. Sc. Effect of *Piper abyssinica* on experimental *Heamonchous contortus* infection in Deseret goats, awarded 2006
- 8- Huda Ahmed Abuaraki , M. V. Sc..Haematinic efficacy and toxicity of *Grewia tenax* and *Cajanus cajan* in Wistar rats, awarded 2006
- 9-Marwa Abd Alla Ahmed Abdelkareem, MTAH, Antiinflammatory activity of *Ziziphus spina christa* and *Trigonella foenum grecum* in rats, awarded 2008.
- 10- Esra Mohamed Musa, M. V. Sc. Studies on *Cannbis sativa* seed oil in rats, awarded 2008.
- 11- Mohamed Elmuntasir Faroug Mubasher, M. V. Sc., Toxicity of Oxfendazole, Ivermctin and Iverzole to Sudanese Desert goats, awarded 2009.
- 12- Zuhour Yahya Shamas El Din, M.V.Sc. Antidotal effect of *Datura stramonium* on the toxicity of Carbofuran and Malathion insecticides in rats, awardwd 2009.
- 13- Itimad Abuowf Ahmed Abuowf, MTAH. Hepatoprotective activity of Date palm (*Phoenix dactylifera*) pollen grains in rats, awarded 2010
- 14- Tamadur Mohammed Idris, M.V.Sc. Antinephrotoxic effect of *Ammi visnaga* and *Artimisia herba alba* in rats. Awarded 2011
- 15- Samar Ali mohammed Ali , M.V.Sc. Antihepatotoxic effect of *Nigella sativa* and *Khaya senegalensis* in rats .Awarded 2011
- 16-Hala Mohammed Yasin Osman, MTAH. Antidiarroal Activity of *Hydnora abyssinica* aqueous root extract in rats. Awarded 2011

b) Co-supervisor

1- Ibrahim Bashir Elkhidir, M Sc. Distribution of Anthranoids and Toxicological study on *Senna alexandrina*. Faculty of Science U. of K. Dept. of Botany, awarded August 2001

2-Atif Babiker Ahmed Mohamed M. Sc. Phytochemical and Biological studies on *Senna italica*. Faculty of Science U. of K. Dept. of Botany, awarded August 2001

3- Noon Abd El Aziz Mohamed El Amen. M. Sc. (Antimicrobial and Toxicological effect of *Naudea Latifolia* fruits). Faculty of Science U. of K. Dept. of Botany, awarded 2003

4-Nadia Mohamed Ahmed Saad, M.V.Sc. Therapeutic and Toxicity effect of Tetravermex and Levafas in sheep and Nubian goats, awarded 2000

5- Osman Ahmed Osman, Ph. D.,. Studies on *Azadirachla indica* seeds, (whole seeds. pulp and kernel), awarded 2005

6- Marrwa awad Sid Ahmed, M.V.Sc. Antibacterial Activity of some Sudanese Medicinal plants, awarded 2006

Supervision of Dissertations, Faculty of Science and Technology, El Neelain University.

1- Toxic Effect of Aspirin on Bovan-Type Chicks. (2002) by Randah Abdel Khyar Hammad

2- Study of Alcoholic Sudanese Product (Aragi) on Chicks (2002) by: Mohammed Abo Elgasim Brimah

3- Effect of Feeding *Alpinia officinale* in Bovan-Type Chicks (2002) by: Mawahib Seddig

4- Effect of Dietary Selenium on Bovan Broiler Chicks (2002) by: Nussaiba Gabralla Suleuman

5- Dietary Effect of Cattle Bile Juice on Broilers Performance (2002) by: Ahlam Yousif Mohammed

6-Effect of Cephalosporin on Bovan-Type Chicks (2002) by: Amel Abdel Wahid

7- Evaluation of Food Additives: Potassium Bromate (2003) by: Amar Awad Khidir

8- Effect of Dietary Chromium on Bovan-Type- Chicks (2003) by: Assma Adam Kadom

9-Acute Chromium Toxicity to Bovan Type- Chicks (2003) by: Fadia Ahmed Hassan

10- The Effect of Dietary Molybdenum on Bovin Type- Chicks (2003) by: Hadia Fatah El Rahman saad

11- Toxic Effect of Paracetamol on Rats (2003) by: Mervat Hassan Osman

12-Sub-lethal Dietary Doses of Nerium oleander Leaves in Chicks (2003) by: Siham Alwasila

## On going research

1-Project entitled Hepatoprotective activity of some medicinal plants against CCL4 - induced liver damage in rats.

Funded by University of Khartoum-Scientific Research Admminstration.

2-Effect of Gum Arabic on nephrotoxicity in rats- Amani Elyass Omer- registered for M.V.Sc.decemb 2009.

3- Antianemic activity of Grewia tenax and Cajanus Cajan in phenyl hydrazine induced-anemia in rats-Nazik El Maleika Siraj ElDein Rajab- registered for M.V.Sc.July 2010.

4-Effect of camel milk and urine on alcohol- induced hepatotoxicity in rats -Ahmed Eisa El Haj- registered for MTAH. 2010.

5-Antidiarroeal activity of Adansonia digitat and Haplophylum tuberclatum in rats -Maha Yousuf Abdelraheim registered for M.V.Sc.March 2011.

6-Antinflammatory activity of Mentha viridis and Zyzizigum aromaticum in rats-Dalia Jafer Mansour- registered for M.V.Sc.March 2011.

## Supervision of Postgraduate Students

### *Master Students*

#### *Main Supervisor*

	<b>Student</b>	<b>Thesis Title</b>	<b>University</b>	<b>Date</b>
1	Amna Bashir Medani Ahmed.	Toxicological studies of Sudanese plants. <i>Acacia nilotica</i> , <i>Solenstema argel</i> and <i>Cymbopogon proximus</i>	University of Khartoum	2000

2	Osman Ahmed Osman.	Anticestodal action of some Medicinal plant against the poultry cestodes <i>Raillietina tetragona</i> ,	University of Khartoum	2001
3	Raja Ahmed Mohamed Elhaj	Hepatoprotective activity of two Sudanese plants on experimental liver damage in laboratory animals,	University of Khartoum	2002
4	Hafiz Kamal Fadol Daewod	Anthelmintic activity and toxicity of two medicinal plants <i>Veranonia amygdaliva</i> and <i>Artimesia- herba-alba</i> in chick	University of Khartoum	2002
5	Khairalla Mohammed Saeed	Anti-inflammatory activity and toxicity of <i>Haplophylum tuberclatum</i> and <i>Aristolochia bracteata</i>	University of Khartoum	2003
6	Tawdu Ali Saeed Aldao	Effect of <i>Leptidina araborea</i> and <i>Zyzigum aromaticum</i> in Albino rats	University of Khartoum	2006
7	Nawal Abdelraheem Mohamadu	Effect of <i>Piper abyssinica</i> on experimental <i>Heamonchous contortus</i> infection in Deseret goats,	University of Khartoum	2006
8	Huda Ahmed Abuaraki	Haematinic efficacy and toxicity of <i>Grewia tenax</i> and <i>Cajanus cajan</i> in Wistar rats	University of Khartoum	2006
9	Marwa Abd Alla Ahmed Abdelkareem	, Antiinflammatory activity of <i>Ziziphus spina christa</i> and <i>Trigonella foenum grecum</i> in rats	University of Khartoum	
10	Esra Mohamed Musa	Studies on <i>Cannbis sativa</i> seed oil in rats	University of Khartoum	2008
11	Mohamed Elmuntasir Faroug Mubasher	Toxicity of Oxfendazole, Ivermctin and Iverzole to Sudanese Desert goats	University of Khartoum	
12	Zuhour Yahya Shamas El Din	Antidotal effect of <i>Datura stramonium</i> on the toxicity of Carbofuran and Malathion insecticides in rats,	University of Khartoum	2009

13	Itimad Abuowf Ahmed Abuowf	Hepatoprotective activity of Date palm ( <i>Phoenix dactylifera</i> ) pollen grains in rats	University of Khartoum	2010
14	Tamadur Mohammed Idris	Antinephrotoxic effect of <i>Ammi visnaga</i> and <i>Artemisia herba alba</i> in rats.	University of Khartoum	2011
15	Samar Ali mohammed Ali	Antihepatotoxic effect of <i>Nigella sativa</i> and <i>Khaya senegalensis</i> in rats	University of Khartoum	2011
16	Hala Mohammed Yasin Osman	Antidiarreal Activity of <i>Hydnora abyssinica</i> aqueous root extract in rats	University of Khartoum	
17	Ahmed Eisa Elhag Ibrahim Daffaallah	Protective Activity of Camel Milk and Urine Against Alcohol Induced Liver Damage in Rats	University of Khartoum	2012

**Co- supervisor**

18	Ibrahim Bashir Elkhidir	Districlution of Anthranoids and Toxicological study on <i>Senna alexandrina</i>	University of Khartoum	2001
19	Atif Babiker Ahmed Mohamed	Phytochemical and Biological studies on <i>Senna italica</i>	University of Khartoum	2001
20	Noon Abd El Aziz Mohamed El Amen	Antimicrobial and Toxicological effect of <i>Naudea Latifolia</i> fruits	University of Khartoum	2003
21	Nadia Mohamed Ahmed Saad	Therapeutic and Toxicity effect of Tetravermex and Levafas in sheep and Nubian goats	University of Khartoum	2000
22	Marrwa Awad Sid Ahmed	Antibacterial Activity of some Sudanese Medicinal plants	University of Khartoum	2006

**Supervision of on-going MSc programmes**

1	Amani Elyass Omer-	Effect of Gum Arabic on nephrotoxicity in rats	University of Khartoum	
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2	Maha Yousuf Abdelraheim	Antidiarrhoeal activity of <i>Adansonia digitat</i> and <i>Haplophylum tuberclatum</i> in rats	University of Khartoum
3	Dalia Jafer Mansour	Antinflammatory activity of <i>Mentha viridis</i> and <i>Zyzizigum aromaticum</i> in rats	University of Khartoum
4	Omer Abashar Eltaeib	Assessment of Ameliorative Effects of Extracts of <i>Moringa oleifera</i> on Acetaminophen –induced Nephrotoxicity in Rats	University of Khartoum
5	Nazick El- Malaika Sirage Eldein Rajab Bakheet	Effect of <i>Grewia tenax</i> and <i>Cajanus cajan</i> on Phenylhydrazine Induced- Anaemia in Rats	University of Khartoum

### *Postgraduate*

### *PhD*

Student	Thesis Title	University	Date	Note
OsmanAhmed Osman	Studies on <i>Azadirachla indica</i> seeds, (whole seeds. pulb and kernel	Khartoum	2005	Co-Supervisor
Mohamed Elmuntasir Faroug Mubasher	Anti-aflatoxicenic Potentials of Some Putative Medicinal Plants in Poultry	Khartoum	Registered 2012	On-going

## Conferences

1-Madani A.B.,**Elbadwi S.M.A.**,Amin A.Toxicity of *Cymbopogen proximus* (Maharaib) oil extract to Newzeland rabbits.First African Congress in Pesticides and Toxicology sciences.Gezira University. Wadmedani.Sudan.8-11 November **2008** (To:37) p 115

2-Amna Medani, **Samia Elbadwi**, Hassan Elsubki. Toxicity of *Cymbopogen proximus* on Nubian goats. International Conference on Environmental Pollution and Toxicology ( 4<sup>th</sup> SETACAfrica Meeting)..2-5 November **2009** Kampala Uganda.ET-1

3-Amna Medani, **Samia Elbadwi**, Hassan Khalid. Toxicity of *Solanstema argel* (Hargal) on Nubian goats. International Conference on Environmental Pollution and Toxicology ( 4<sup>th</sup> SETACAfrica Meeting).2-5 November **2009** Kampala Uganda.ET-5

4- Medani, A. **S. Elbadwi**, A. Amin. Response of Newzeland Rabbits to Drinking Water Treatment With Alum and Polydadmac in Terms of Changes in Electrolytes

XII International Congress of Toxicology. 19-23 July **2010** Barcelona, Spain.  
(ABSTRACT ADENDA) P101-029

## Posters

1–Amel O Bakhiet, Mohammed A A, Siham E S M and Samia M A El Badwi (2006). Some Trace-Elements Profile in the Liver of Camels, Cattle, Sheep and Goats. First Conference of the International Society of Camelid Research and Development (ISOCARD). April 15-17. Al Ain. UAE

Submitted

1- -S.M.A. El Badwi, A.O. Bakhiet and S.E.I Adam (2010) Laticiferous Plants: A Review. Research Journal of Medicinal Plants

2- S.A.M. Ali, S. M. A. El Badwi, T. M. Idris and K .M. Osman (2011). Hepatoprotective activity of aqueous extract of Khaya senegalensis bark in rats. Journal of Medicinal Plant Research.

## Publications

(Before promotion to Associate Professor)

1-El Badwi, S. M. A., Adam, S.E.I. And Hapke, H.J. (1992). Experimental Ricinus communis poisoning in chicks, phytotherapy Research, 6, 205.

2- El Badwi, S. M. A., Mousa, H. M. Adam, S.E.I. and Hapke, H. J. (1992). Response of Brown Hisex chicks to low levels of Jatropha curcas, Ricinus communis or their mixture. Vet. And Hum. Toxicology, 34, 304.

- 3- EL Badwi, S. M. A., Adam, S.E.I. And Hapke, H. J. (1995). Comparative toxicity of *Ricinus communis* and *Jatropha curcas* seed on Brown Hisex chicks. *Vet. And Hum. Toxicology*, 34, 112.
- 4-El Badwi, S. M. A., Adam, S. E. I. and Hapke, H. J. (1995). Comparative toxicity of *Ricinus communis* and *Jatropha curcas* on Brown Hisex chicks. *Deutsche Tierarztliche Wochenechrift*, 102, 75.
- 5-Mohammedain, K.M. Mohamed, O.S.A. El Badwi, S.M.A., and Adam, S.E.I. (1996). Effect of feeding *Tamarindus indica* ripe fruit in Brown Hisex chicks. *Phytotherapy Research*. 10. 631.
- 6-Ali, W.E.M., El Badwi, S.M.A. Abdel Salam, I. S. and Adam. S.E.I. (1997) . Toxicity goats of *Piper alyssinica* seeds to Nubian goats. *Deutsche Tierarztliche Wochenschrift*, 104, 520.
- 7-El Badwi. S. M. A., Adam, S.E.I., Shigidi, M. T. and Hapke, H. J. (1998). Studies on laticiferous plant: Toxic effects in goats of *Calotropis procera* latex given by different routes of administration *Deutsche Tierarztliche Wochenschrift*, 105, 425.
- 8-Abdella, G.A., El Badwi, S. M.A. El Amin, A. and Adam, S.E. I. (1998). The effects of Amitraz poisoning in Nubian goats. *The Sudan Journal of Veterinary Science and Animal Husbandry*. 37, 92.
- 9-Ali, W. E. M. El Badwi, S.M. A., Abdel Salam, I. S. El Amin, A. and S.E.I. Adam (1998). Experimental *Indigofera obtongifolia* Toxicosis in Nubian goats. *The Sudan Journal of Veterinary Science and Animal Husbandry*. 99.
- 10- El Agraa, S. E. I. . El Badwi, S. M. A. and Adam, S.E.I. (2002). Preliminary observations on experimental *Ruta graveolens* Toxicosis in Nubian goats. *Tropical Animals Health and Production*, 34:271-281.
- 11- El Agraa, S.E.I. El Badwi, S. M. A. and Adam, S.E.I. (2002). Susceptibility of Nubian goats to Oral administration of *Ricinus communis* I. Seeds. *Suez Canal Veterinary Medicine Journal*, I, 425.
- 12- Abdel Gadir, W. S. Onsa, T.O. Ali, W. E. M., El Badwi, S. M. A. and Adam, S. E.I. (2003). Comparative Toxicity of *Crotan macrostachys*, *Jatropha curcas* and *Piper alyssinica* seeds in Nubian goats *Small Ruminant Research*, 48, 61-67.
- (After promotion to Associate Professor)
- 13-Ibrahim, I.A., EL Badwi, S.M.A., Abdel Gadir, W.S., Bakhiet, A.O., Yagoub, S.O. and Adam, S.E.I. (2004). Susceptibility of Bovian chicks to low dietary level of *Ammi visnaga* and *Artemisia herba-alba*. *Veterinary and Human Toxicology*, 46, 67.

- 14-Bakhiet, A.O, Abdel Gadir, W. S. Yagoub, S.O. EL Badwi, S.M.A., and Adam, S.E.I.(2005).Response of of Bovans chicks to low level of dietary *Ambrosia martima* and *Linum usitatissimum* or their mixture. *Suez Canal Veterinary Medicine Journal*, VIII, (1) 137.
- 15- Abdel Gadir, W. S. Bakhiet, A.O, EL Badwi, S.M.A., and Adam, S.E.I. (2005). Experimental Carbamizole (Neomercazole) toxicosis in Nubian goats. *Suez Canal Veterinary Medicine Journal*, VIII, (1) 147.
- 16- Bakhiet, A.O, Ali, M.S., Elsharif, E. and EL Badwi, S.M.A. (2006) some biochemical values in the young and adult Sudanese Geese *Anser anser*. *Journal of Animal and Veterinary Advances*, 5, 24
- 17- Amel O. Bakhiet, Sabna D. Mohammed, Samia, M.A. El Badwi, Warda, S. Abdel Gadir and S.E.I. Adam (2006). Antimicrobial Activity of *Petroselinum sativum* and *Coriandrum sativum* Seeds. *Research Journal in Microbiology*, 1: 346-352
- 18- A.O. Bakhiet and S. M. A. El Badwi (2007). Effects of Dietary Chromium Supplementation on the Performance and some Serum Parameters in Bovans-type Chicks. *Journal of Pharmacology and Toxicology* 2 (4): 402-406.
- 19- Amel O Bakhiet, A. A. Mohammed, E. S. M. Siham and. M. A. Samia El Badawi. (2007). Some Trace-Elements Profile in the Liver of Camels, Cattle, Sheep and Goats. *International Journal of Tropical Medicine* 2 (1): 1-2.
- 20- I.A., Ibrahim, S.M.A El Badwi, A.O. Bakhiet, W. S. Abdel Gadir and Adam S.E.I. (2007). A 9-week Feeding Study of *Cuminum Cyminum* and *Hibiscus sabdoariffa* in Bovans Chicks. *Journal of Pharmacology and Toxicology* 2 (7): 666-671.
- 21-Osman, O.A., El Badwi, Samia M.A., Amin A.E. and Harbi, M.S. (2007). Toxicity to chicks of *Azadirachta indica* seed methanolic extract. *The Sudanese Journal of Standards and Meteorology*. 1(1):29- 35
- 22- Osman, O.A., El Owni, E. E., ElBadwi, Samia M.A., Amin A.E. and Harbi, M.S. (2007) Anticestodal action of *Jatropha curcas* against the poultry cestode *Raillietina tetragona*. *The Sudanese Journal of Standards and Meteorology*. 1(1):36-4 0
- 23-Mawahib Seddeag, Gadallah Madawe, S.M.A. El Badwi and A.O. Bakhiet. The Effect of Dietary *Alpinia officinarum* (Hance) Supplementation in Bovns-type Chicks. (2010) .*International Journal of Poultry Science* 9 (5): 499-502,
- 24-S. M. A. El Badwi and A. O. Bakhiet. Toxicity of *Calotropis procera* latex in pregnant and non-pregnant goats. (2010) *Scientific Research and Essays* . 5(17),. 2404-2408. Available online at <http://www.academicjournals.org/SRE> . ISSN 1992-2248 ©2010 Academic Journals

25- Medani A. B., El Badwi S. M. A. and Amin A. E. Toxicity of Aluminum sulphate (alum) to Nubian goats.(2011). Journal of Toxicology and Environmental Health Sciences. 3(7). 198-203. Available online at <http://www.academicjournals.org/JTEHS>

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26-R. A. M. Elhag, S. M. A. El Badwi, A. O. Bakhiet and M. Galal Hepatoprotective activity of Solanum nigrum extracts on chemically induced liver damage in rats.(2011). Journal of Veterinary Medicine and Animal Health. 3(4), 45–50

27-Musa E.M, EL Badwi S.M, Jah Elnabi M.A, Osman E. A, Dahab M. M.

Anti-inflammatory Activity of the Plant Cannabis sativa (L) Petroleum Ether Extract in Albino Rats. (2011) Research in Pharmacy 1(3) : 18-25

28- S.A.M. Ali, S. M. A. El Badwi, T. M. Idris and K .M. Osman (2011). Hepatoprotective activity of aqueous extract of Khaya senegalensis bark in rats. Journal of Medicinal Plant Research. 5 (24), 5863-5866.

29-Musa. E.M , EL Badwi. S.M ., Jah Elnabi. M.A, Osman. E. A, Dahab. M. M. (2012) Hepatoprotective and toxicity assessment of Cannabis sativa seed oil in Albino rat. International Journal of Chemical and Biochemical Sciences (1).69-76

30-S. M. A. El Badwi, A.O. Bakhiet, A. B. Medani, and Z.Y. Shamseldin.(2012) Influence of Phenobarbital Pretreatment on Toxicity of Calotropis procera Latex in Nubian Goats. Research Journal of Veterinary sciences,5(1), 25-31

31- El Badwi S. M. A. and Bakhiet A. O.(2012) Chemotherapeutic and economic potentials of some laticiferous plants. Journal of Medicinal Plants Research .6(17) 3278-3281.

32-Ibrahim B. Elkhidir, Ahmed I. Yagi, Samia M.A. El Badwi and Sakina M. Yagi.(2012). Toxicity of Aqueous Extract of Senna alexandrina Miller Pods on Newzealand Rabbits. European Journal of Medicinal Plants. 2(3): 252-261.

33-S.M.A. El badwi, A.O. Bakhiet and E.H.Abdel Gadir.(2012. Heamato-biochemical Effect of Aqueous Extract of khaya senegalensis Stem bark on Gentamicin –Induced Nephrotoxicity in Wistar Rats. Journal of Biological Sciences .12 (6) 361-366.

34- Samia M. A. El Badwi, Nabiela M. El Bagir and Ahmed E. Amin.(2013)

Protective Effect of Ethanolic Extract of Tamarindus indica Against CCl4 Induced Liver Damage in Rats. Australian Journal of Basic and Applied Sciences. 7 (2): 813-818

35- Maha Y. Abdelrahim, Babiker M. A. Elamin, Dalia J. Khalil and Samia M. A. El Badwi. (2013) .Antidiarrhoeal Activity Of Ethanolic Extract Of Adansonia Digitata Fruit Pulp In Rats. Journal of Physiology and Pharmacology Advances. 3(6): 172- 178.