

Name: *Nabiela Musa El Bagir*

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Present address:

Department of Biochemistry Faculty of Veterinary Medicine

University of Khartoum Khartoum North. Sudan

EDUCATION

2000 Attended course in Molecular Biology (Cloning and Genes Expression) at Biotechnology Laboratory, University of Cairo, Egypt.

1989-1993 Ph.D. in Biochemistry, Department of Biochemistry, Khartoum University, Sudan.

THESIS Entitled: Studies on lipids and carbohydrate metabolism in Camel (*Camelus dromedarius*) and Sheep (*Ovis aries*).

1991 Trained and carried experiments in Biochemistry laboratory in (Hanover High Veterinary School), Hanover, Germany.

1984-1986 M. Sc. in Veterinary Science, Department of Surgery, Faculty of Veterinary Science, Khartoum University, Sudan

THESIS Entitled: The effect of anesthesia and surgery on selected blood values in Sudanese patients

1984 Trained in anesthesia department and performed experiments in Clinical Biochemistry laboratory, Soba University Hospital, Faculty of Medicine , Khartoum University, Sudan.

1977-1982 Bachelor of Veterinary Medicine (B.V.Sc.), Faculty of Veterinary Science, University of Khartoum, Sudan.

HONORS AWARDS

1. University of Khartoum Scholarship for a (B.V.Sc.), program, Khartoum University, Sudan (1977-1982)
2. University of Khartoum Award of Academic Excellence (University Prize in Surgery) (1982).
3. Sudan Agricultural Bank prize for best final year student in Surgery (1982).

4. Bachelor of Veterinary Medicine (B.V.Sc.), with merits from the University of Khartoum (1982)
5. D.A.A.D. German Fellowship for Postgraduate Studies (1984-1986)
6. Sudan Government Higher Education Scholarship for Graduate Study in Sudan (1989-1993)
7. D.A.A.D. German Fellowship for Postgraduate Studies in Germany (1991).

PROFESSIONAL EXPERIENCE:

1993-2008- Present position *Assistant Professor*, Department of Biochemistry, Faculty of Veterinary Medicine, University of Khartoum.

2003-2008- Present acquisition: The coordinator for the master degree program in Biochemistry and the secretary of the departmental board of the department of Biochemistry Faculty of Veterinary Medicine, University of Khartoum..

1994-2003-Acted as the head department of Biochemistry Faculty of Veterinary Medicine, University of Khartoum.

1992-1993 Acted as *Assistant Professor*, Head Department of Biochemistry and Examination coordinator For the whole faculty at The School of Medicine, Ahfad University College for women Omdurman.

1992-1993 Participated in the syllabus committee, at Ahfad University College for women Omdurman, to set out the Biochemistry syllabus for the medical school.

1987-1992 *Teaching Assistant*, Department of Biochemistry Faculty of Veterinary Medicine, University of Khartoum.

1984-1987 *Teaching Assistant*, Department of Surgery, Faculty of Veterinary Medicine, University of Khartoum,

1982-1984 *Veterinary Officer (Veterinarian)*, Ministry of Animal Health, Khartoum, Sudan

Other Academic activities

1- Organized training program as post graduate course for Clinical Biochemistry in the department of Biochemistry- Faculty of Veterinary Medicine- University of Khartoum (2001-2002).

Societies MEMBERSHIP:

- Sudanese veterinary association
- Sudanese society for environment protection
- Sudanese horticultural society

PROFESSIONAL EXPERIENCE

2009 – untill now-Present position , The head of the department of Biochemistry Faculty of Veterinary Medicine, University of Khartoum.

2003-2009 -acted as secretary of the deptmental board.

2001-untill now- acting as coordinator for the master degree program in Biochemistry

1994-2003-Acted as *Assistant Professor* , the head department of Biochemistry Faculty of Veterinary Medicine, University of Khartoum.

1992-1993 Acted as *Assistant Professor*, Head Department of Biochemistry and Examination coordinator For the whole faculty at The School of Medicine, Ahfad University College for women Omdurman.

1992-1993 Participated in the syllabus committee, at Ahfad University College for women Omdurman, to set out the Biochemistry syllabus for the medical school.

1987-1992 *Teaching Assistant*, Department of Biochemistry Faculty of Veterinary Medicine, University of Khartoum.

1984-1987 *Teaching Assistant*, Department of Surgery, Faculty of Veterinary Medicine, University of Khartoum,

1982-1984 *Veterinary Officer (Veterinarian)*, Ministry of Animal Health, Khartoum, Sudan

Publications

Abd El-Halim, M. I. **Nabiela M. El-Bagir** and Sabahelkhier M. K. (2014) Hematological Values in Sheep Fed a Diet Containing Black Cumin (*Nigella sativa*) International Journal of Biochemistry Research & Review 4(x): 128-140.

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. Australian Journal of Basic and Applied Sciences, 7(2): 813-818.

ELBAGIR M. NABIELA, HIND A. A. ELAGIB, S. A. ABBAS, and T.A.N. GINAWI (2013). EFFECT OF CINNAMON AND GINGER COMPARED TO DOXYSTIN (ANTIMICROBIAL DRUG) ON SERUM LIPID PROFILE IN BROILER CHICKS. *Online Journal of Animal and Feed Research Volume 3, Issue 1: 58-61. ISSN 2228-7701.*

Hind AA Elagib*, **ElBagir M. Nabiela**, SA Abbass and Ginawi TAN. (2012)

Effect of Natural Spices on Plasma Proteins in Broiler Chicks.

J Nutr Food Sci 2012, 2:152.

Amna H. Mukhtar, **Nabiela M. Elbagir** and Abdulrahim A. Gubara (2012. (Sex Hormones Levels as Influenced by *Cannabis sativa* in Rats and Men. [Pakistan Journal of Nutrition](#), 11 (5): 419-422.

Amna H. Mukhtar **Nabiela M. ElBagir** and AbdulRahim A. Gubara (2011) Effect of Cannabis sativa on certain enzymes of clinical significance in rats and men. *Journal of Pharmacognoy* vol 2: (1) 10-13.

Amna H. Mukhtar and **Nabiela M. Elbagir** (2011) **Effect of Cannabis sativa on Hematological Indices in Rats and Men.** Pakistan Journal of Nutrition 10 (4): 313-316.

Lymia H. A. Majeed, Khadiga A. Abdel Ati, **Nabiela M. El Bagir**, Ahmed Alhaidary, Hasab E. Mohamed and Anton C. Beynen(2010). Performance of broiler chickens fed diets containing low inclusion levels of black cumin seed . *Journal of Animal and Veterinary Advances.* 9(21): 2725-2728.

- 1.
2. Bakheit A. Yagoub, Ahmed E. Amin, **Nabiela M. El Bagir**, Ahmed Alhaidary, Hasab E. Mohamed and Anton C. Beynen (2010).Egg Yield and Quality in

- Laying Hens Fed Diets Containing Black Cumin Seed and/or White Wormwood Leaves. Journal of Animal and Veterinary Advances Volume: 9 , 2600-2603 .
3. **Nabiela M. El Bagir**, Rania T.H. El Amin, Ahmed Alhaidary, Hasab E. Mohamed and Anton C. Beynen (2010). Serum Protein Levels and Hematological Values in Rats Fed a Diet Containing Black Cumin Seed Journal of Animal and Veterinary Advances Volume: 9 , 2604-2607 .
 4. **[Nabiela M. El Bagir](#)** ,Imtithal T.O. Farah , **[Ahmed Alhaidary](#)** , **[Hasab E. Mohamed](#)** and **[Anton C. Beynen](#)** (2010) Clinical laboratory serum values in rabbits fed diets containing black cumin seed. Journal of Animal and Veterinary Advances Volume 9 Issue 19, 2532-2536
 5. Ibrahim M. Madani, El amin Ammar M., Mahmoud Niamat O., 4, El Sanosi Mai M., **EL Bagir Nabiela M.**)2010 (Effects of subclinical hypothyroidism on important serum lipids values of Sudanese women .Journal of Chinese Clinical Medicine, [VOL.5.NO.7.2010](#).
 6. **Nabiela M. El Bagir**, Imtithal T.O. Farah, Safia M.B. Elhag, Ahmed Alhaidary,Hasab E. Mohamed and Anton C. Beynen (2010) Immune Response and Pasteurella Resistance in Rabbits Fed Diets Containing Various Amounts of Black Cumin Seeds. American Journal of Animal and Veterinary Sciences 5 (2): 166-170.
 7. Muawia A. Abdagalil1 and **Nabiela M. ElBagir** (2009) Effect of falciparum malaria on some plasma proteins in males: With special reference to the levels of testosterone and cortisol. African Journal of Biochemistry Research Vol. 3 (11), pp.349-355 November, 2009.
 8. I. O. Abdelrahman, **N. M. ElBagir**, A. M. A. Osman, S. A. Sharfi, A. M. A. Saeed, Hassan A. Musa, A. A. Ashmaig and I. E. Aradaib (2008) PCR Detection of E. coli in chicken Fecal Samples. International Journal of Molecular Medicine and Advance Science 4 (3) 82-85.
 9. **Nabiela M. El Bagir**, Aziza Y. Hama, Rania M. Hamid, Ahmed G. Abd El Rahim and Anton C. Beynen (2006) Lipid composition of Egg Yolk and Serum in Laying Hens Fed Diets Containing Black Cumin (Nigella sativa). International journal of Poultry Science 5 (6): 574 – 578.
 10. M. A Barsham, **N. M. El Bagir** and M.E.S. Barri (2005) Serum biochemical changes associated with experimentally induced Hypothyroidism in one humped Camels (Camelus dromedarius). Journal of Camel Practice and research. 12 (2) 117-121.
 11. R.H. Ahmed, A.W. H. Mohammed and **N. M. EL Bagir** (2005) A study of hypoglycemic and Anti-Diabetic Effects of Guiera senegalensis leaves. Omdurman Journal of Pharmaceutical Sciences 1 (1) 69-73.
 12. M. A Barsham, **N. M. El Bagir** and M.E.S. Barri (2004) Hematological and histopathological alterations In Sudan Thiocyanate –induced hypothyroid Camels (Camelus dromedarius). Pakistan Journal of Biological Science 7 (2) 197-200.
 13. Lubna, E. El Abbas and **Nabiela M El Bagir** (2000). The effect of Different Management Systems on Vitamin A levels in Caws and Goats in Sudan. Sud. J. Vet. Scie. Anim. Husb. 39 (1&2) 34-41.
 14. A.G.Abdel Rahim, Eiman, T.E. Abdalla and **Nabiela M El Bagir** (1999) Effects of feeding different levels of Sugar Cane Molasses to Broiler chicks Feed Intake

- weight gain, Efficiency of feed utilization and dressing percentage. Sud. J. Vet. Scie. Anim. Hus. 38 (1&2) 93-101.
15. A.G.Abdel Rahim, Eiman, T.E. Abdalla and **Nabiela M El Bagir** (1999) Effects of feeding different levels of Sugar Cane Molasses to Broiler chicks: Plasma Cu concentration, and the activity of plasma enzyme, Copper oxidase (Ceroplasmin). Sud. J. Vet. Scie. Anim. Hus...38 (1&2) 118-123.
 16. **El Bagir Nabiela**, H. Fuhrman M. Lechner Doll and H.P. Sallman (1994) Effects of feed withdrawal and dehydration on selected blood parameters of Camels. Journal of Camel practice and research Dec. vol: 1 (2).
 17. B.H. Ali, T. Hassan and **N. Musa** (1984). The effect of feed restriction on certain haematological indices enzymes and metabolites in Nubian Goats. Comp. Bioch.Biophys.79-A 325-328.

Presentations:

M.E.S. Khogali, M.A.D. Abdalla and **N. M. Elbagir** (2012)

Effect of Female Camel Urine on Different Testosterone Levels in Adult Male Rats

Proceedings of the 3rd Conference of the International Society of Camelid Research and Development. Organized by Sultan Qaboos University College of agricultural and marine sciences- department of animal and veterinary science 29th January – 1st February Muscat sultanate of Oman

Samia M. A. El Badawi ; **Nabiela M. El Bagir** and Ahmed E. Amin

Hepatoprotective activity of *Tamarandus indica* against CCl₄ induced toxicity in rats.

12th International congress of Ethnopharmacology –ISE 2012

School of Natural Product Studies, Jadavpur University, India.

- 1.
2. A. Elata, **N. M. Elbagir**, M. S. Mohamed, W. A. Almahi, M. G. Elsadig (2006) The Effect of Hyperthyroidism on Serum Total Cholesterol in Sudanese Females. [1st Egyptian-Jordanian Conference on Biotechnology and Sustainable Development: Current Status and Future Scenarios](#) National Research Center, Cairo, Egypt, 11-14, December, 2006
3. O. A. Abdelsalam, H. I. Seri, O. F. Idris, **N. M. Elbagir** (2006) Some biochemical aspects of trypanosomiasis infection and treatment with cymelarsan in camel “Camelus dromedaries” First conference of the International Society of

- Camelids Research and Development (ISOCARD) Al-Ain Rotana Hotel Al-Ain, United Arab Emirates April 15 – 17, 2006.
4. M. A Barsham, **N. M. El Bagir** and M.E.S. Barri (2004) Experimentally induced Hypothyroidism in one Humped Camels (*Camelus dromedarius*)11 th Scie. Congress. Fac. Vet. Med. Assut University Egypt.
 5. O. F. Idris; Abdelsalam O. A.; **N. M. Elbagir**; H. I. Seri (2003). The influence of trypanosomosis infection and treatment with Cymelarsan on the progesterone profile in female camels “*Camelus dromedarius*”. Proceedings of the 7th Sc. Cong. Egyptian Society for Cattle Diseases 7-9 Dec. 2003, Assiut, Egypt. Pp. 334-337.
 6. O. A. Abdelsalam; O. F. Idris; **N. M. Elbagir**; H. I. Seri (2003). Effect of Cymelarsan and *T. evansi* infection on thyroid hormones (T4 and T3) profile in female camels “*Camelus dromedarius*”. Proceedings of the 7th Sci. Cong. Egyptian Society for Cattle Diseases 7-9 Dec. 2003, Assiut, Egypt. Pp. 330-333.
 7. O. M. Abdalla, **Nabiela M. El Bagir** and N.I. Ali (2003) Preparation of Ferritin Immunogen and raising of antiserum for Immunoradiometric assay “2nd International conference on chemistry and its applications.” December – 6-8 April, Doha Qatar
 8. M. A Barsham, **N. M. El Bagir** M.E.S. Barri and O.F. Idris (2002) Goiter in Camels (*Camelus dromedarius*) at Dar Fur Region of The Sudan. Third annual meeting for animal production under arid conditions. Camel Production and future perspectives. United Arab Emirates, Alain 2-3 March
 9. Safia M. Babiker and **Nabiela M El Bagir** (1997).The effect of feeding Black cumin (*Nigella sativa*) on selected blood measures. Medical and aromatic plants Symposium. National centre for research Khartoum Sudan.
 10. **El Bagir Nabiela**, H. Fuhrman M. Lechner Doll and H.P. Sallman (1994) Effects of feed withdrawal and dehydration on selected blood parameters of Camels. VIII ISRP Satellite Symposium. Physiology of digestive and metabolism of Camelids.3-4 Oct. in Hannover, Germany.

Accepted for presentation

- O. A. Abdelsalam, O. F. Idris **N. M. El Bagir** and A.I El Shafie (2001) Effect of Cymelason and *T. evansi* on Progesterone profile in Female Camel (*Camelus dromedarius*).The International Twin Camel Conference. Charleston- South Carolina October 13-15 U.S.A
- O. M. Abdalla, **Nabiela M. El Bagir** and N.I. Ali(1998) Raising of antiserum and development of IRMA serum ferritin “International symposium in modern trends in radiopharmaceuticals for diagnosis and therapy”. Lisbon, Portugal, 30 March- 3 April.

TEACHING ACTIVITIES

Teaching experience for postgraduate students:

2000-2008 Post Graduate Biochemistry courses For M. Sc. students Faculty of Veterinary medicine U. of K.

2004-2006 Advanced Biochemistry, (par time), High Diploma Radiobiology
Sudan academy of science

Acted as main supervisor for the following M. Sc. students

1. -Maha Mansour Abd ElBagi (1996)

Thesis Title Comparison of Biochemical parameters between camel sheep and cattle

2. - Omer Mohammed Abdalla (1996)

Thesis Title: production of antisera and development of radio immunoassay for T3, T4 and ferritin in Sudan.

3. -Safia Mohammed Babiker (1997)

Thesis Title: Effects of *Nigella sativa* (Black cumin) on certain blood values and immunoglobulins.

4. Reem Hassan Ahmed (1999)

Thesis Title: The Hypoglycemic and anti diabetic effects of *Guiera Senegalensis J.V. and Medicago sativa L.*

5. Osama Ahmed Abdelsalam(1999)

Thesis Title: Clinical Biochemistry of Trypanosomiasis Infection and Treatment in Camel *Camelus dromedaries*

6. Imtithal Taha Omer Farah(2001)

Thesis Title: Biochemical and immunological changes in Rabbit blood as influenced by Dietary Black Cumin (*Nigella sativa*) seeds.

7. - Hanan Fawzi Gamal El Deen(1998)

Thesis Title: Effects of hypothyroidism and hyperthyroidism in serum lipid profile.

8. - Mohy Eldin Ahmed Barsham(2000)

Thesis Title: Some Biochemical and Histopathological Alterations Associated with Hypothyroidism in Camels (*Camelus dromedaries*).

9. Lubna ElSheik El Abbas (1999)

Thesis Title Biochemical and immunological studies On Vitamin A.

1. Nadia Nour El Deen A/Gadir (2002)

Thesis Title: – Effects of *Plasmodium falciparum* malaria on some plasma proteins and immunoglobulins.

1. -Abeer Khalid Mohammed Ahmed Rahama (1999)

Thesis Title: Effect of Pearl Millet on Lipid Profile and fatty acid composition in Chickens.

2. -Macca Babiker Omer (2002)

Thesis Title: Effect of *Plasmodium falciparum* malaria on the blood proteins and urea

3. Shaza Omer Mustafa (2004)

Thesis Title The effect of *Plasmodium falciparum* Malaria on selected blood values in Sudanese patients.

4. -Mohammed Abd Rahman Idris (2002)

Thesis Title: Blood Lipid profile in Sudanese Hypothyroid Patients

5. -Ameer Hussein Ibrahim Abo samra (2002)

Thesis Title: The effect of exogenous synthetic oxytocin (Syntocinon) On weight gain in sheep (*Ovis aries*).

6. Muawia Mohamed Ahmed(2002)

Thesis Title: Effects of pregnancy and pregnancy induced hypertension on some plasma proteins.

7. Aziza Yousif Hama (2002)

Thesis Title: Effect of feeding *Nigella sativa* seeds on egg yolk lipids profile.

8. Sumia Fadul Ahmed Mohamed (2003)

Thesis Title: Effect of age on minerals level in milk and serum of camel (*Camelus dromedarius*).

9. Mawia Abdalla Abdelgalil (2003)

Thesis Title: – Effects of Falciparum malaria on plasma proteins in males: with special reference to the levels of testosterone and cortisol hormone.

1. Rnaia Tigani Hassan El amin (2003)

Thesis Title: The effect of *Nigella sativa L.* and vitamin A on selected blood values.

1. Rania Mohammed Hamed Ali (2003)

Thesis Title: The effect of feeding *Nigella Sativa L.* to layers on serum lipids.

2. -Fatima A/Bagi Mirgani Kononna (2003)

Thesis Title: Chronic cyanide toxicity on Goats-Kids.

3. Haitham Mohammed Babekir Mohammed Satti (2004)

Thesis Title: The Effect of ascorbic acid (vitamin C) on the utilization of copper and iron in chicks (Cockerels).

4. Abdeen Mohammed Abdeen Fadul (2005)

Thesis Title: Effects of smelling narcotics on some biochemical parameters in German shepherd dogs.

5. - Ibrahim Matar Hamid Bukhet (2005)

Thesis Title: Effects of fattening on some Biochemical parameters in sheep infected with Morel's Disease.

6. -Lamya Awad Mohammed Khair(2005)

Thesis Title: Effects of Oral Contraceptives on the Thyroid function in Sudanese Females.

7. Ahmed Abdal Rahim Abedl Gaber (2005)

Thesis Title: The effect of disease condition on the levels of tumor markers and some plasma lipids in female patients.

8. - Omima Abdel Bagi Mohammed El tayeb (2005)

Thesis Title: The effect of Feeding *Nigella sativa* L. seeds on plasma lipids of Diabetic Rabbits.

9. - Nour Alhouda Osman Ali:(2006)

Thesis Title: Measurement of some Biochemical parameters related to infection with *Plasmodium falciparum* malaria.

1. Monjid Ahmed Ibrahim Ahmed (2006)

Thesis Title: The Effect of feeding *Nigella sativa* L. on the levels of liver and serum triacylglycerol and cholesterol in broiler chicks.

1. – Imadeldin Osman Abdelrahman Elfaki (2006)

Thesis Title: Polymerase chain reaction detection of *Escherichia coli* collected from broiler chickens fed on *Nigella sativa* to demonstrate its anti bacterial effect.

2. – Nimat Osman Mahmoud Koa Elhawad (2006)

Thesis Title: The effect of clinical and sub-clinical hypothyroidism on some lipid values among Sudanese females.

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3. Mai Mohammed El sanosi (2006)

Thesis Title: Effects of clinical and sub-clinical hyperthyroidism on some lipid Profiles among Sudanese females.

4. Mohammed Madani Ibrahim Mohammed(2006)

Thesis Title: Effects of sub-clinical thyroid dysfunctions on important serum lipids values.

5. Eiman Abdallah Ali El Shaygi (2006)

Thesis Title: The effect of feeding *Nigella sativa* L. on the levels of some immune reactions and blood proteins in diabetic rabbits

36 Khadija Abd Elaziez Abdalla Osman (2007)

Thesis Title: Chemical composition of Modern and traditionally processed Sudanese sausages.

37Mai Sinada Mohamed Sinada (2007)

Thesis Title: The effect of different levels of crushed *Nigella sativa L.* seeds on Glucose, Insulin, and Cortisol and body weight in Broilers.

38 Maha Hassan Idris Hassan (2007)

Thesis Title: The effect feeding commercial oil of *Nigella sativa L.* on Lipids parameters in sheep

39 Tahany Abd El Raheem Husein Ahmed (2007)

Thesis Title: The effect feeding *Nigella sativa L.* commercial oil on Liver function test in Rabbits.

1. Siddig El hassan Ibrahim Title: Ramification of breast cancer to serum cholesterol and the tumor necrosis factoring in Sudanese females.
2. . Inass Ibrahim Ahmed Title: Changes in Insulin , Cortisol, and Glucose levels in sheep fed commercial oil of *Nigella sativa L.* seeds.
3. Mohammed Ibrahim Abd Al haleem Title: Changes in hemoglobin and iron metabolism in sheep fed commercial oil of *Nigella sativa L.* seeds.
4. Fatima El Hassan Mohammed Abu kona Title: The effect of dietary *Nigella sativa L.* on some serum mineral levels in broilers.
5. Gatada Abd Alsadig Al Basheer Mohammed Title: The effect of feeding different levels of *Nigella sativa L.* to broiler chicks, on Copper, Iron, Red blood cells count, Packed cell volume and Hemoglobin.
6. Haleema Salih El Tahir Title: The influence of dietary n-3 polyunsaturated fatty acids on lipid metabolism in laying hens.
7. Abdulrahman Abdulhameed Idriss Title:Comparative studies in rats fed high cholesterol versus high saturated fats diets on immunoglobulins levels.
8. Khalid El Shafie Osman Title:The influence of high saturated fats versus high cholesterol diets, on rat's blood cholesterol

Acted as main supervisor for the following PhD students:

1-Amna Mukhtar Hussein (2003)

Title of the thesis:

Biochemical and immunological effects of *Cannabis sativa* in rats and men.

Running research projects for post graduate studies:

Proposed projects for Master students:

1. Mawada Elmahi Ali Title: The effect of feeding *Nigella sativa* (black cumin) as hypoglycemic plant on glucose metabolism in rats
2. Dalia Abdulla Mohammed Title: The effect of camel urine on protein metabolism in male mice of different testosterone levels.

3. Babiker Yagoob Mohammed

Title: The effect of replacement of Sorghum by sugar cane molasses on carbohydrate and lipid metabolism in broilers.

Proposed projects for PhD students

1. Mohy Eldin Ahmed Barsham

Title: Dietary effect of selenium in camels (*Camelus dromedarius*) in Southern Darfor, and genetic expression of selenogenetic enzymes during deficiencies.

2. Rania Mohammed Hamed Ali

Title: The influence of Black cumin (*Nigella sativa L.*) on Key mediators of Atherosclerosis in Rats.

3. Hitham Mohammed Babiker

Title: The Role of Calcium on Iron Utilization in Camel Calf Neonates (*Camelus dromedarius*)

4. Muawia Abdulla Abdulgalil

The influence of the level of testosterone on plasma proteins and resistance to infection in malaria infected mice.

Participated in one book:

Title

“Selected Research on Camelid Physiology and Nutrition”

Published by:

The Camelid Publisher (2004) xxiv, 837 p.

Editor T.K. Gaholt

ISBN B1-901141-2-3.

Undergraduate student’s academic and social supervision:

Acted as social and academic supervisor for about (18 30) student during the following academic years.

1. **Academic year (2005/2006)**
2. **Academic year (2006/2007)**
3. **Academic year (2007/2008)**

Institutional Administrative Appointments (committees & dates):

1. **Member, Academic Revision and Development Committee, a subcommittee of the Faculty committee (2006). The committee developed a document with recommendations that was submitted to the Faculty board.**
2. Member, of a Committee for “Girl students special affairs” (2006)
3. Member, of a Committee for “the foundation of Girl students resting room” (2007)

Member of a Committee for unifying the transcript for master by courses and research in some departments of the Faculty of Veterinary Medicine-2012