

**CURRICULUM VITAE**  
**C. V.**

**NAME:** Fawzy Mohamed Ahmed Abo-Donia (Abo-Donia, F. M.)

**OCCUPATION:** Prof. Dr. (Chief Researcher).

**SPECIALIZATION:** Animal Nutrition

**DEPARTMENT:** By-Product Utilization Department.

**WORK:** Animal Production Research Institute.

**ADDRESS WORK:** Nadi El-Said Street, Dokki, Giza.

**MARITAL STATUS:** Widowed and have three kids

**ADDRESS HOME:** 24 Abd El-karim Hassan street, El-Massara- Helwan

**DATE OF BIRTH:** 9 / 12 / 1961

**HOME PHONE:** (+202) 33710947

**TEL. OFFICE:** +202- 37498931

**Mob.** (+20) 01001235195

**NATIONALITY:** Egyptian

**RELIGION:** Moslem

**LANGUAGE** Arabic (mother tongue)

English (fluent)

**COMPUTER SKILLS** Windows, office and internet – ICDL license

**QUALIFICATION:**

Year	Item
1985	Bs.c Agric. Department of Animal Production. Fac. Of Agric. Cairo University
1994	Ms.c Animal Nutrition, Fac. Of Agric. Ain Shams University
1999	Ph.D Animal Nutrition, Fac. Of Agric. Cairo University

**OCCUPATION HISTORY (EMPLOYMENT):**

Year	Item
1985 – 1986	Agric. Eng. animal production, farm flowing to Fac. Of Agric. Cairo University
1987 - 1994	Agric. Eng. Planning and Project Department flowing to Animal Production Research Institute (APRI) During this period I worked in: -
1987 – 1991	a) Supervision the production of no-conventional rations in El-Kanater station flowing to (APRI)
1987 – 1995	b) Supervision on carrying out research experiment flowing to By-Product Utilization Department in El-Kanater station flowing to (APRI)
1994 – 1998	Agro-Engine in Veterinary Service Department flowing to (APRI)
1997 – 1999	Lecturer at the High Institute of Agriculture Co-operation
1998	Researcher assistant in By-Product Utilization Department (APRI)
1999	Researcher in By-Product Utilization Department (APRI)
1999 - 2001	Manager of Dokki center for distribution of ammonia gas and El-Mufeed (APRI)
1999 – 2003	Supervision in the lab of chemical tests flowing to By-Product Utilization Department
1999 - 2003	Supervision the project of non-conventional fodder flowing to Extended Department Centrally – Ministry of Agric. In governments- Suez Governorate – El-Dakahlia – Giza – Menia – Bani Souef– El-Fyum.
2002	Supervision on project of non-conventional fodder flowing to Extended Department Centrally –Ministry of Agric. In El-Fyum governorate.
2003	Coordinator of since activity in By-Product Utilization Department
2004	Responsible on chemical laboratory in By-Product Utilization Department -
2004	Senior research in By-Product Utilization Department
2004	Member of council of By-Product Utilization Department
2004 -2009	Senior Research, By-product Utilization Department
2004 -2006	Rapporteur of the By-product Utilization Department

2007-2009	Supervision panel discussions at the By-product Utilization Department
2010	Chief Research, By-product Utilization Department
2000 - 2012	Participate in the national campaign for utilization of rice straw to avoid its burning under the Academy of Science & Technology.

### EXPERIENCES AND JOB DESCRIPTION IN EGYPT

- ✔ Participation of set Five-Year Plans for By-Product Utilization Department since 1999 to 2009, Animal Production Research Institute, Agriculture Research Center, Ministry of Agriculture
- ✔ Participation with others collage in applying and practical of searches planning following to By-Product Utilization Department in fifth planning
- ✔ Supervisor on high graduate students in different universities in Egypt, M.Sc. And Ph.D
- ✔ Association in applying and practical searches between our institute (APRI) and different Universities and National Research Center in Egypt.
- ✔ Published many applied and since articles in specialist magazine
- ✔ Saying applying and since lectures in specialized institutes and faculties of agriculture in Egypt
- ✔ Lectures in high institute for Agriculture cooperation
- ✔ Lecturer for graduate and under graduate stage.
- ✔ Processing and producing of protected fats and calcium salts of fatty acids from manufacture oils byproduct.
- ✔ Processing and producing conventional and non-conventional rations for livestock farms.
- ✔ Recycling of agriculture by-products and agro-processing by-products.
- ✔ Analysis and laboratory evaluation for animal diets.
- ✔ Improving and recycling of agriculture by-products by different methods such as chemical and biological treatments.
- ✔ Evaluation and management agro-project especially in animal production field.
- ✔ Making economical study and economical evaluation for animal production farms.
- ✔ Technologies transfer to the commercial livestock farms and feed factories.
- ✔ Implement extension programmes concerning improvement of animal nutrition for small, medium and large holders.
- ✔ Training courses in formulating animals rations by computer and manually.
- ✔ Evaluate non-conventional feedstuffs in Vivo, in Vitro gas production and in Situ.

### MEMBERSHIP OF PROFESSION UNION

- ✖ Member of Union of Agricultural Specialists
- ✖ Member of Egyptian Society of Animal Production
- ✖ Member of Egyptian Society of Nutrition And Feeds
- ✖ Member of Egyptian Society of Environment
- ✖ Member of Egyptian Association of Sheep, Goats and Desert Animals
- ✖ American Chemical Society
- ✖ Egyptian Union of Nutrition and Feed
- ✖ Egyptian Union of Nutrition and Feed
- ✖ Union Arab Biologists
- ✖ Membership of professional societies
- ✖ Animal Feed Committee at Egyptian Organization for Standardization and Quality Control, Ministry of Industry
- ✖ Egyptian Union of Animal Production

### TRAINING

Item	Address	Year
English language courses	American University in Cairo and The British Council	Aug. 1987
Mechanical Cultivation	Mubarak Center for Mechanical Cultivation/Sakha:	1988 (2) Weeks
Training Course In Water Buffalo Management	Animal Production Research Institute/ Egypt	1988 (1) Week
Enrichment of Agro. By-Products.	Animal Production Research Institute/ Egypt:	1988 (3) Weeks
Improvement utilization and evaluation of animal feeds	Animal Production Research Institute/ Egypt:	1989 (2) Weeks

<b>Computer</b>	Agriculture Research Center/ Egypt	May. 1998
<b>Diagnosis of animal diseases and Advanced Techniques at Diseases Control in livestock</b>	Animal Health Research Institute/Egypt	1994 - 1999
<b>Nitrogen Utilization and Loss by Dairy Cows</b>	EU FP7 Project REDNEX - Vilnius, Lithuania	2008
<b>ICDL - Computer</b>	UNESCO Committee NU 09034643	2009
<b>TOEFL</b>	Alexandria University, Egypt	2009
<b>Management of camel farms in India</b>	National Research Centre on Camel, Bikaner, India	2001

#### **FIELD AND SINCE ACTIVITY**

Primary research interests focus on ruminant nutrition, in particular rumen degradability, methanogenesis, rumen fatty acid metabolism, use of milk fatty acids in dairy cattle diet optimisation and metabolic processes affected by fatty acids formed during rumen biohydrogenation of poly-unsaturated fatty acids and mobilisation of endogenous fat during periods of negative energy balance. Modeling digestive and metabolic processes in farm animals, particularly ruminants. grazing behaviour in dairy cattle; energy balance, reproduction and health in early lactating cattle; development of nutrient based feed evaluation systems; and enteric methane formation in ruminants. Feed evaluation, digestive physiology and nutrition of dairy cows. Protein utilization and the use of additives to optimise rumen microbial, factors affecting the efficiency of nutrient utilization in ruminants, with emphasis in rumen microbial fermentation efficiency and its relationship with feeding high concentrate diets, acidosis and feeding management.

#### **SUPERVISION ON SCIENCE THESIS**

##### **✧ MASTER DEGREE THESIS**

I have supervision on tow master thesis

##### **✧ PH.D DEGREE THESIS**

I have supervision on three Ph.D theses

#### **ACTIVITYS IN OUT WORK**

- ✦ Technical consultation for fattening projects of animal production in general association for agriculture co-operative (Kofor El-Ramel in El-Monfia governate and Sila station in El-Fyum governate)
- ✦ Technical consultation for processing fodder manufacture- Egyptian Holland for fodder produce - El-Fyum governate
- ✦ Officer science for agriculture consultation and veterinary service
- ✦ Lecturer at the high institute of Agriculture co-operation

#### **Participate in the following projects:**

- Improve animal feed", funded by the European Union and the Egyptian government.
- Producing feed from wastes," funded by the German Cooperation Agency (GTZ) and the Egyptian government.
- Program of non-conventional feed in small breeders," the central administration of agricultural extension.
- Food Sector Development Project" funded by the European Union and the Egyptian government.
- Sustainable use of agricultural biodiversity for the development of local communities in Western Sahara - Gene Bank.
- Reduce emissions of methane released from the rumen of ruminants" - Alexandria University and the University of San Paulo, Brazil.
- The Egypt Network for Integrated Development (ENID).

## EXTENSIONS WORK

### ☛ Book, Booklets and Articles

#### 1<sup>st</sup>: - books

- ☛ **Fundamental of veterinary care for farm animals**, publish, Department of Countryside Advertising, Ministry of Agriculture, Egypt: NO: 179 (2004)
- ☛ **Principals of produce, handling and keeping of meats**, publish, Department of Countryside Advertising, Ministry of Agriculture, Egypt: NO: 179 (2004)

#### 2<sup>nd</sup>: - booklets

*I hade many booklets buy in faculties of agriculture and veterinary, and agriculture department in Egyptian governates such as: -*

- ☛ **Nutritional Diseases and malnutrition**, publish, General Department for Culture of Agriculture, Ministry of Agriculture, Egypt: NO: 1 (2001)
- ☛ **Projects of fattening the farm livestock**, publish, General Department for Culture of Agriculture, Ministry of Agriculture, Egypt: NO: 17 (2002)
- ☛ **Metabolic disorder in the cattle**, publish, General Department for Agriculture Extension, Ministry of Agriculture, Egypt: NO: 669 (2001)

#### 3<sup>d</sup>: - public articles

*I hade many articles published in specialized magazine of agriculture: -*

- ☛ **Using fat in the ruminant's rations**. Agricultuer magazine. Vo:54 July 1999
- ☛ **Protected fats**. Agriculture magazine. Vo:58 Oct. 1999
- ☛ **Recycling agro. by-product** Agriculture magazine. Vo:55 March 2000
- ☛ **Using fat in the dairy cattle rations** Shams magazine. Vo:28 May 2000
- ☛ **Feeding camel in the new reclamation lands**. Agricultuer magazine. Vo:57 January 2002
- ☛ **Limit the suitable number of farm animals according to available amounts of crop residuals** . Agricultuer magazine. Vo:46 August. 2004
- ☛ **Adding calcium salts of fatty acids in dairy cattle rations**. Animal Production Research Institute No (4): November 2004

### CONFERENCES AND SCIENTIFIC PANEL MEETINGS:

- ☐ The 7<sup>th</sup> Sci. Conf. On Anim. Nut. (19-21 Oct. 1990) The Egyptian Soc. Of Nut. And Feeds, Fac. Of Envirom. Agric. Sci., Univ. of Suez Canal, El-Irish, Egypt.
- ☐ Manipulation of Rumen Microorganisms Conference, University of Alexandria, Egypt, 25/9 – 30/9/1990.
- ☐ Non-Traditional Feeds in Animal Poultry and Fish Nutrition. I-Green Crops fractionation and leaf proteins. The 2nd Symposium on Animal Poultry and Fish Nutrition 26-27, December 1990. El-Mansoura University, Egypt.
- ☐ Workshop in the Use of Treated Straw and Molasses Blocks in Animal Nutrition, FAO, Egypt, 28/4 – 2/5/1991.
- ☐ The 3<sup>rd</sup> meeting in Animal, Poultry and Fish Nutrition, Sakha, Kafer El-Shikh, Egypt, 26/11 – 28/11/1992.
- ☐ The 4<sup>th</sup> meeting in Animal, Poultry and Fish Nutrition, Faculty of Agriculture, El-Fyum, Egypt. 26/2 – 28/2/1993.
- ☐ The 5<sup>th</sup> Sci. Conf. Animal Nutrition, Ismailia, Dec. 1995.
- ☐ The 7<sup>th</sup> Sci. Conf. Animal Nutrition, Arish, North Sinai, Egypt, Dec. 1999.
- ☐ The 8<sup>th</sup> Sci. Conf. Animal Nutrition, Sharm El-Sheikh, Egypt, Oct. 2001.
- ☐ Conference of The Anim. Prod. In The 21<sup>st</sup> Century (18 –20 Apr., 2000) Anim. Prod. Res. Inst., Agric. Res. Center, Sakha, Kafr El-Sheikh, Egypt.
- ☐ The 2<sup>nd</sup> Int. Conf. On Anim Prod & Health in Semi Arid Area (4-6 Sep., 2000) Fac. Of Agric. El-Irish North Sinai, Suez Canal Univ. Egypt.
- ☐ The 11<sup>th</sup> Conference of the Egyptian Soc. of Anim. Prod.,(6-9 Nov. 2000.) In Alex. Fac. Of Agric. Cairo Univ.
- ☐ The 8<sup>th</sup> Scient. Conf. On Anim. Nutr. (23 –26 Oct. 2001), The Egyptian Soc. Of Nut. And Feed. In Sharm El-Shik, Anim. Prod. Depart. Fac. Of Agric., Ain Shams Univ., Egypt.
- ☐ Workshop in Intensive Production of Camel, ACSAD, Matrouh, Egypt, 10/5 – 16/5/2003

- ❑ The 9<sup>th</sup> Scient. Conf. on Anim. Nutr. (14-17 Oct. 2003), The Egyptian Soc. of Nut. And Feeds. In Hurgada, Anim. Prod. Depart. Fac. Of Agric., Ain Shams Univ. Egypt.
- ❑ Livestock symposium. Midwest Universities Consortium International Activities, inc. (MUCIA) and Animal reproduction Research Institute, Agriculture Research Center. (13 January 2004) El-Haram- Giza-Egypt.
- ❑ EAAP-CIHEAM Mediterranean Symposium. "New trends for innovation in the Mediterranean animal production". Corte, Corsica (France), 6-8 November 2008.
- ❑ 59th Annual Meeting of the European Association for Animal Production, Vilnius Lithuania August 24th – 27th, 2008
- ❑ Cattle Sector development in Transition Countries of CEE, 22 August 2008, Vilnius in the context of the 59th EAAP Annual Meeting
- ❑ FAO/IAEA International Symposium on Sustainable Improvement of Animal Production and Health. 8-11 June, Vienna, Austria 2009.
- ❑ 60th Annual Meeting of the European Association for Animal Production. EAAP Annual Meeting 2009, Barcelona, Spain p12
- ❑ Messages posted during the e-conference on "Successes and failures with animal nutrition practices and technologies in developing countries (1–30 September 2010)"
- ❑ Program of the International Workshop on Recent Strategies in Animal Production, Organized by Animal Production Department, Faculty of Agriculture, Alexandria University, November 5-7, 2012, Alexandria, Egypt.
- ❑ 1st International Conference on Sustainability of Camel Population and Production College of Agriculture and Food Sciences. King Faisal University, Al-Ahsa, Saudi Arabia: Monday 8th Rabie II, 1434 (17 -20th February, 2013).
- ❑ 1<sup>st</sup> The Scientific Conference of Camel Research and Production. Organized by Sudan University of Science and Technology, 17-18 April 2013 Friendship Hall, Khartoum.
- ❑ 9th European Conference on Precision Agriculture (ECPA) to be held in Lleida, Catalonia, Spain, under the auspices of the International Society of Precision Agriculture (ISPA) and the Universitat de Lleida (UdL), July 7<sup>th</sup> - 11<sup>th</sup> 2013 .
- ❑ International Workshop on Feed Risk Assessment– Chemical safety, Utrecht, The Netherlands (30 September – 1 October 2013).
- ❑ FAO—AGA/APHCA Electronic Conference, Role of Agro-Industrial And Forestry By-Products In The Feeding of Dairy Animals In Asia and other Tropical Regions, 11 November to 10 December 2013

### Scholarship

- EU FP7 Project REDNEX Workshop – Nitrogen Utilization and Loss by Dairy Cows –State of the Art in Modelling and Prediction Vilnius, Lithuania, Saturday 23rd August 2008. (One week).
- FAO/IAEA, Sustainable Improvement of Animal Production and Health. 8-11 June, Vienna, Austria 2009. (Two weeks)
- Netherlands Fellowship Programmes (Nuffic), Short courses, International Diploma Animal Feed, (Three months, 24 March - 14 July 2010).
- C V Raman International Fellowship for African Researchers (2011). Donor, FICCI Science & Technology / innovation Secretariat. Department of International Division. Title of proposal "Alleviation of tannin effect on intake, digestibility and nitrogen metabolism in Camel". Bikaner – India. Three months (from 11 February to 11 May 2011).
- TWAS-CAS Fellowships for Visiting Scholars in China (2012). Institute of Subtropical Agriculture, Changsha City, Hunan province, China. Title of proposal "Effect of added tannins as feed additives on milk fatty acid composition and ruminal fermentation in dairy goats fed a diet containing unsaturated fatty acids." Three months (20 March–20 June 2012)

- Leibniz Institute for Farm Animal Biology, Germany (2013), Wilhelm-Stahl-Allee 2, 18196 Dummerstorf, Mecklenburg-Vorpommern. "Distribution of conjugated linoleic acid (CLA) isomers and other fatty acids in polar and neutral fractions of milk from cows fed different lipid supplements". (One week from 6 - 11 October).

#### D) Patents

##### 1- CALCIUM SALTS OF FATTY ACIDS

Processing Calcium Salts of Fatty Acids from By-Product oil Refining

##### 2- FILTER BAG TECHNIQUE

Boiling and filtration process during the Crude fibre-, ADF- and NDF-determination. Up to 6-8 samples can be digested and filtered simultaneously.

##### 3- IN VITRO GAS PRODUCTION SYSTEM

Under study. Instrument for Determine Size of Gas Production in the Rumen.

- THE TITLE OF MASTER THESES

PERFORMANCE OF FATTENING LAMBS ON NON-CONVENTIONAL RATIONS CONTAINING DIFFERENT LEVELS OF FATS

- THE TITLE OF DOCTOR THESES

USING PROTECTED FAT PREPARED FROM SOAP INDUSTRY BY-PRODUCTS IN FINISHING RATIONS OF FRIESIAN BULLS.

- PUBLISHED RESEARCH FROM MASTER THESES

KHATTAB, H. M; H. M. EL-SAYED, M. A. EL-ASHRY, I. M. GOMAA AND F. M. OMER (2001). PERFORMANCE OF FATTENING LAMBS FED RATIONS CONTAINING DIFFERENT LEVELS OF SOYA LECITHIN AND SUNFLOWER SOAP STOCK AS CONVENTIONAL FATS. 1- EFFECT ON NUTRIENT DIGESTIBILITY, NITROGEN AND WATER BALANCE. *Egyptian J. Nutrition and feeds*, 4 (special Issue): 667.

- RESEARCH PUBLISHED FROM DOCTOR THSES.

T.M. El-Bedawy, I. A. Gommaa, Sabbah M. Allam and F.M. A. Abo-Donia (2003). PRODUCTION OF CALCIUM SALTS OF FATTY ACID FROM SOAP-STOCK ON SEMI INDUSTRIAL SCALE AND ITS USE IN FINISHING RATIONS OF FRIESIAN BULLS. *Egyptian J. Nutrition and feeds*, 6 (special Issue): 1397.

- LIST OF PUBLICATIONS:

- Abo-Donia, F. M.** (2000). Effect of using extruded soybean seed on growth performance of buffalo calves. Proc. 3<sup>rd</sup> All Africa. Conf. Anim. Agric. Conf. Egyptian Soc. Anim. Prod., Alexandria, Egypt, 6-9 November, 2000: 237-244.
- Zaza, G. H; Fatma, G. Ahmed; **F. M, Abo-Donia**; M. R. Hammad (2001). Effect of incorporating olive cake as a non-conventional feedstuff in diets of growing commercial rabbits. *Egyptian J. Nutrition and feeds*, 4 (special Issue): 861.
- Abo-Donia, F. M**; Fatma, G. Ahmed; G. H. Zaza and M. H. Talha (2002). Studies on the nutritive value of cabbage by-products as a non-conventional feed stuff in feeding of growing rabbits. *Egypt. J. Appl. Sci*; 17 (7):1.

- Abo-Donia, F. M** (2002). Effect of non-hormonal growth promoters on digestibility, rumen fermentation, some blood constituents and growth rate in sheep. *Animals of Agric. Sci. Moshtohor*, Vol. 40 (3): 1449.
- Abo-Donia, F. M;** F. A. Salem and N.A.M. Soliman (2003). Incorporation of refining oil by-products in sheep diets. Vol. 6 (Special Issue), October, 2003 Hurghada, Egypt.1279.
- Abo-Donia, F. M.** (2003). Using different sources of soap-stock as non-conventional source of energy in sheep rations. Vol. 6 (Special Issue), October, 2003 Hurghada, Egypt.1381
- Abo-Donia, F. M;** G. H. Zaza and A. M. Mansour (2003). Effect of using natural non-traditional growth promoters: 2- effect of fenugreek and monensin as growth promoters on beef steers performance. Vol. 6 (Special Issue), October, 2003 Hurghada, Egypt.1081-1093.
- Abo-Donia, F. M;** G. H. Zaza and F. A. Salem (2003). Effect of using natural non-traditional growth promoter: -1): - in-vitro evaluation of fenugreek as a natural non-traditional growth promoter and in-vivo comparison with monensin in beef cattle rations. *Egyptian J. Nutrition and feeds*, 6 (special Issue): 1079.
- Abo-Donia, F. M;** S.A. Ibrahim; H.M. El-Shabrawy and A.M.A. Salama (2003). Milk production and composition of Friesian crossbred cows fed rations containing different sources of energy. Vol. 6 (Special Issue), October, 2003 Hurghada, Egypt.507
- Abo-Donia, F. M,** U. A. El-Zalaki and A. H. Mohamed (2004). Effect of using screening berseem seed as a source of protein instead of linseed meal in fattening lamb rations. Vol. 6 (Special Issue), October, 2003 Hurghada, Egypt.1081-1093.
- Abo-Donia, F. M;** U. A. El-Zalaki; A. Aiad and G. H. Zaza (2004). Effect of using different sources of dietary energy for making berseem silage on performance of lactating cows. *J. Agric. Sci. Mansoura Univ.*, 29 (1): 31
- Abo-Donia, F. M.** (2005). Post-partum productive and reproductive responses of lactating Friesian crossbred cows to fat-supplemented diet. *Proc. 2nd Conf. Anim. Prod. Res. Inst. Sakha*. 27-29 Sep.: 409-423.
- Abo-Donia, F. M.** (2005). Using subgraded sweet potato tuber as non-traditional source of energy instead of yellow corn in diets of fattening bulls rations. *Egyptian J. Nutrition and Feeds*. 8 (1) Special Issue: 143-154.
- Aiad. A. M.; H. M. Khattab and **F. M. Abo-Donia** (2005). Performance of growing buffalos calves on diet containing calcium salts of fatty acids. *J. Agric. Sci. Mansoura Univ.* 30 (7) 3559-3672.
- Abo-Donia, F. M;** H. Sobhy; K. M. El-gamal and W. A. A. Mikhail (2005). Evaluation of applying the solid state fermentation technique to up grade chemical composition and nutritive value of peanut hulls and sugar cane bagasse. *Egyptian J. Nutrition and Feeds* 8 (1) Special Issue: 603-618.
- Yacout, M. H. M; Fatma M. Galal and **F. M. Abo-Donia** (2005). Effect of using eucalyptus globules leaves in growing rabbits diets. *Egyptian J. of Rabbit Sci.*
- Abo-Donia, F. M.** (2006). Nutritional evaluation of palm leaves silage as nonconventional feed resource for lactating goats. *Egypt. J. of Appl. Sci.*, 21 (3): 32-50.
- Abo-Donia, F. M;** A. M. A. Salama; O. A. El-Zaleky; M. S. Sayah and S. A. Ibrahim (2007). Response to partial replacement of yellow corn in dairy cows rations with sub-graded sweet potato tuber as non-traditional source of energy on productive and reproductive performance. *Egyptian J. Nutrition and Feeds* 10(2) Special Issue: 45-59.
- Soliman, N. A. M.; **F. M. Abo-Donia** and A. M. Aiad (2007). Effect of calcium salts of fatty acids substitution instead of corn as source of energy in finishing ration of buffalo bulls. *J. Agric. Sci. Mansoura Univ.* 32 (3) 1765-1776.
- Soliman, N. M.; **F. M. Abo-Donia** and A.M. Aiad (2007). Effect of calcium salts of fatty acids substitution instead of corn as source of energy in finishing ration of buffalo bulls. *Journal of Agricultural Sciences*, March , vol 32-3, 1765 - 1776.

- Abd El-Aziz, A. A.; N. A. M. Soliman and **F. M. Abo-Donia** (2007). Performance of lactating buffaloes fed on rations containing either raw or heated soybean seeds at early lactation period. *Egyptian J. Nutrition and Feeds* 10(1): 53-66.
- Abo-Donia, F. M.** (2007). Effect of dietary roughage sources on intake, in-suita degradability, in-vivo digestibility, productive performance and carcass traits of growing Ossimi male lambs. *J. Agric. Sci. Mansoura Univ.*, 32 (5): 3333-3345.
- Abo-Donia, F. M.** (2008). Effect of feeding different levels of calcium salts of fatty acids on digestibility, body dimension and carcass characteristics of fattening buffalo bulls. *Egyptian J. Anim. Prod.*, 45 Suppl. Issue, Dec. 171-187.
- Mehrez, A. Z.; **F. M. Abo-Donia**; Eman H. Maklad and A. Abdel-Khabir (2008). Evaluation of sugar beet pulp treated with *Trichoderma verdi* and *Saccharomyces cervicia*. *Egyptian J. of Sheep and Goat Sciences (Special Issue, 2nd Inter. Sci. Conf. on SR Production, Vol. 3(1): 33 - 50.*
- Abo-Donia, F. M.** (2008). Chemical composition, degradability and nutritive values of eggplant bushes hay as sheep diet. *Egyptian J. Nutrition and Feeds.* 11 (3): 511-522.
- Aiad, A. M.; Neamat I. Bassuony, A. A. Afifi and **F. M. Abo-Doia** (2008). Adding natural juice of vegetable and fruitage to ruminant diets: (a) lemon, onion and garlic juice supplement to diets fed to suckling buffalo calves and its effect on digestibility, growth performance and fungi count. *World Journal of Agricultural Sciences* 4 (2):149-156.
- Sobhy, H. M., Mikhail, W.A., **Abo-Donia, F. M.**, Abedo, A.A., El-Gamal, K.M. and Fadel, M. (2009). Effect of biological treatment on chemical composition, nitrogen fraction and protein solubility of linseed straw. *EAAP Annual Meeting 2009, Barcelona, Spain* p23
- Abo-Donia, F. M.**, A.A. Afify, A.O. Osman, M.M. Youssef (2009). Effect of added *Punica granatum* peel fruits and *Nigella sativa* seeds on immunology and performance of suckling buffalo calves. *FAO/IAEA International Symposium on Sustainable Improvement of Animal Production and Health.* 8-11June, Vienna, Austria (Synopses) p195.
- Abedo, A.A., Sobhy, H.M., Mikhail, W.A., **Abo-Donia, F. M.**, Fadel, M. and El-Gamal, K.M. (2009). Effect of fungal treatment of linseed hulls on chemical composition, nitrogen fraction and protein solubility. *EAAP Annual Meeting 2009, Barcelona, Spain* p42
- Abedo, A.A., Sobhy, H.M., Mikhail, W.A., **Abo-Donia, F. M.** and El-Gamal, K. M (2009). Impact of feeding fungal treated linseed hulls on nutrients digestibility, nutritive value, nitrogen balance and some rumen and blood parameters of sheep. *EAAP Annual Meeting 2009, Barcelona, Spain* p12
- Abo-Donia, F. M.** (2009). Impact of using sodium or calcium salts of fatty acids as sources of energy in buffaloes rations during late pregnant. *Egyptian J. Nutrition and Feeds.* 12 (1): 35-52.
- Abo-Donia, F. M.** (2009). Nutritional and economical feasibility of using reeds (*Arundo donax L.*) silage compared to corn (*Zea mays l*) silage as sheep feed. *Egyptian J. Nutrition and Feeds.* 12 (2): 243-256.
- Abo-Donia, F. M.**; Ghada, S. Ibrahim; Safaa Nadi, and M. S. Sayah (2011). Effect of Inoculating New Born Lambs with Fresh or Lyophilized Rumen Fluid on Rumen Activity and Lamb Performance. *Journal of American Science*, 7: 409-422.
- K. Nagpal, **F. M. Abo-Doni** and N. V. Patil. (2012). Effect of combination Khejri (*Prosopis cineraria*) and Moth straw (*Phaseolus acontifolius*) on voluntary intake, some blood parameters and nutrient digestibility. Program of the International Workshop on Recent Strategies in Animal Production, Organized by Animal Production Department, Faculty of Agriculture, Alexandria University, November 5-7, 2012, Alexandria, Egypt.
- Abo-Donia, F. M.**, K. Nagpal and N. V. Patil. (2013). Effect of partial substitution of Khejri (*Prosopis cineraria*) instied of Moth straw (*Phaseolus acontifolius*) on rumen kinetic. 1st International Conference on Sustainability of Camel Population and Production College of Agriculture and Food Sciences. King Faisal University, Al-Ahsa, SAUDI ARABIA : Monday 8th Rabie II, 1434 (17 -20th February, 2013).



Fawzy M. Abo-Donia, Safa N. Abdel-Azim, Mona M. Y. Elghandour, Abdelfattah Z. M. Salem, Germán Buendía, N. A. M. Soliman (2013). Feed intake, nutrient digestibility and ruminal fermentation activities in sheep-fed peanut hulls treated with *Trichoderma viride* or urea. Tropical Animal Health and Production, --: 1573-7438, DOI- 10.1007/s11250-013-0479-z

#### COMMUNICATION

<b>Name</b>	Prof. Dr. Fawzy Mohamed Ahmed Abo-Donia
<b>Occupation</b>	Chief researcher - Animal Nutrition Expert
<b>Country</b>	Arab Republic of Egypt
<b>The Employer</b>	Ministry of Agriculture Agriculture Research center, Animal Production Research Institute
<b>Work Address</b>	Nadi El-said street - Dokki, Giza P C: 11622
<b>Work Tel.</b>	(+202) 37498931
<b>E mail</b>	<a href="mailto:framsis2nd@gmail.com">framsis2nd@gmail.com</a>
<b>Home Address</b>	24 Abd El-Karium Hassan street, El-Massara - Helwan, Cairo, Egypt PB: 11461
<b>Home Tel.</b>	(+202) 33710947

364