

CURRICULUM VITAE
Dr. Ahmed Saad SAMI Awad



PERSONAL INFORMATION:

FAMILY NAME: SAMI
FIRST NAME: AHMED
DATE OF BIRTH: 1/12/1970
PLACE OF BIRTH: EL-DAQAHLYIA, EGYPT.
NATIONALITY: EGYPTIAN.
MARTIAL STATUS: MARRIED, TWO DAUGHTERS.
SEX: MALE.
TELEPHONE: 00966596356501 (Saudi Arabia)
FAX No.: 0096614678474
E-MAIL: assami70@yahoo.com

CURRENT POSITION: ASSOCIATE PROFESSOR

PERMANENT WORK ADDRESS:

Department of Animal Production,
Faculty of Agriculture, Cairo University,
12613, Gamaa Street, Giza, Egypt

CURRENT WORK ADDRESS:

(POSTAL ADDRESS) College of Food and Agricultural Sciences
Department of Animal Production
King Saud University
P.O. Box 2460, Riyadh 11451
Saudi Arabia

EDUCATION AND QUALIFICATIONS:

- 1996 – 2001: Ph.D. IN ANIMAL PRODUCTION**
(MEAT PRODUCTION AND MEAT QUALITY)
THESIS TITLE: "PERFORMANCE OF FATTENING BULLS FED DIET SUPPLEMENTED WITH PROTECTED FAT"
DEGREE FROM: DEPARTMENT OF ANIMAL PRODUCTION, FACULTY OF AGRICULTURE, CAIRO UNIVERSITY, EGYPT.
- 1993-1996: M.Sc. IN ANIMAL PRODUCTION**
(MEAT PRODUCTION AND MEAT QUALITY)
THESIS TITLE: "THE USE OF GROWTH PROMOTANTS IN CATTLE AND BUFFALOES"
DEGREE FROM: DEPARTMENT OF ANIMAL PRODUCTION, FACULTY OF AGRICULTURE, CAIRO UNIVERSITY, EGYPT.
- 1988-1992: B.Sc. IN AGRICULTURAL SCIENCES, ANIMAL PRODUCTION WITH FINAL GRADE EXCELLENT WITH HONOR.**
DEGREE FROM: DEPARTMENT OF ANIMAL PRODUCTION, FACULTY OF AGRICULTURE, CAIRO UNIVERSITY, EGYPT.

MAJOR FIELDS OF INTEREST:

- ANIMAL PRODUCTION
- MEAT PRODUCTION AND MEAT QUALITY

RESEARCH VISITS AND STUDYING ABROAD:

- 2008: USA-Pennsylvania**, by **ISLAMIC DEVELOPMENT BANK**, Post Doctor.
2007: USA-Nebraska, by **ISLAMIC DEVELOPMENT BANK**, Post Doctor.
2007: SPAIN, by **CIHEAM**, Attending Advanced Course on Meat Quality.
2006: GERMANY, by **DFG**, Post Doctor.
2005: SYRIA, by **DAAD**, Attending the 5th International **GEAR** Symposium and Workshop.
2003: GERMANY, by **Contract with Technical University of Munich**, Post Doctor.
2003: GERMANY, by **DAAD**, Attending **UNISTAFF Development Program**.
2001: GERMANY, by **World Laboratory**, Post Doctor.
2000: GERMANY, by **DAAD**, Short Visit Research.
1994: SPAIN, by **CIHEAM**, Attending Advanced Course on Meat Quality.

CURRENT GRANTS AND PROJECTS:

1- October 2009 – October 2010:

Vice Principle Investigator

Distinguished Scientists Fellowship Program (US\$ 200000)

Project Title: Studies on improving Camel meat quality traits

Partner: Prof. Mohammad Koohmaraie

Ex-Director of the MARC, USDA, USA.

Sponsor: King Saud University, Saudi Arabia.

2- April 2009-PRESENT:

Vice Principle Investigator

Scientific Twinning Program (US\$ 150000)

Project Title: Using Biotechnological Techniques to Assess the Biochemical Traits and Specific Genes Expression of Camel Meat Production and Quality

Partner: Prof. Dr Jean-François HOCQUETTE

Director of the Herbivore Research Unit, INRA-Centre de Clermont-Fd/Theix, France.

Sponsor: King Saud University, Saudi Arabia.

PROFESSIONAL HISTORY AND DUTIES:

A - PROFESSIONAL HISTORY

- 1/1/2009- PRESENT

ASSOCIATE PROFESSOR

College of Food and Agricultural Sciences

Department of Animal Production

King Saud University

P.O. Box 2460, Riyadh 11451

Saudi Arabia

- **1/10/2009- PRESENT** **CONSULTANT**
of the Vice President for Graduate Studies and
Research, King Saud University, Saudi Arabia
- **1/2- 30/7/2009** **CONSULTANT**
of the Vice President for Knowledge Exchange and
Technology Transfer, King Saud University, Saudi Arabia
- **6/5 – 4/11/2008:** **POST DOCTOR**
(By fellowship from Islamic Development Bank, Saudi Arabia)
College of Agricultural Sciences
Department of Dairy and Animal Science
Penn State University, University Park, PA 16802
Pennsylvania, USA
- **30/4 – 19/5/2007:** **POST DOCTOR**
(By fellowship from Islamic Development Bank, Saudi Arabi)
Meat Animal Research Center (MARC)
Meat Quality and Safety Unit
Agricultural Research Services (ARS), USDA
Clay Center, Nebraska, USA
- **28/11/2006 - PRESENT:** **ASSOCIATE PROFESSOR**
DEPARTMENT OF ANIMAL PRODUCTION,
FACULTY OF AGRICULTURE,
CAIRO UNIVERSITY, EGYPT.
- **16/ 06 / - 11/ 08 / 2006:** **POST DOCTOR**
(By scholarship from DFG, Germany)
DEPARTMENT OF ANIMAL NUTRITION,
FREISING – WEIHENSTEPHAN, TECHNISCHE
UNIVERSITÄT MUENCHEN(TUM), GERMANY.
- **16/ 07 / 2003 – 30 / 04 / 2004:** **POST DOCTOR**
(By contract with the TUM university, Germany).
DEPARTMENT OF ANIMAL NUTRITION,
FREISING – WEIHENSTEPHAN, TECHNISCHE
UNIVERSITÄT MUENCHEN (TUM), GERMANY.
- **05 / 08 / 2001 – 31 / 08 / 2002:** **POST DOCTOR**
(By scholarship from the World Laboratory Organization,
Switzerland).
DEPARTMENT OF ANIMAL NUTRITION,
FREISING – WEIHENSTEPHAN, TECHNISCHE
UNIVERSITÄT MUENCHEN (TUM), GERMANY.
- **2001- 2006:** **ASSISTANT PROFESSOR,**
DEPARTMENT OF ANIMAL PRODUCTION,
FACULTY OF AGRICULTURE,
CAIRO UNIVERSITY, EGYPT.

- 1996 - 2001 : **ASSISTANT LECTURER,**
DEPARTMENT OF ANIMAL PRODUCTION,
FACULTY OF AGRICULTURE,
CAIRO UNIVERSITY, EGYPT.

- 1992 – 1996: **DEMONSTRATOR,**
DEPARTMENT OF ANIMAL PRODUCTION,
FACULTY OF AGRICULTURE,
CAIRO UNIVERSITY, EGYPT.

B – DUTIES:

- 2001 – TILL NOW:

1- LECTURING:

A- UNDER-GRADUATE COURSES:

- 1- MEAT PRODUCTION (AAP 404).
- 2- ANIMAL AND POULTRY PRODUCTION (AAP 314, in English).
(International Agriculture Program).
- 3- BEEF CATTLE MANAGEMENT (AAP 356, in English).
(Joint program between Cairo and Penn State University)
- 4- CATTLE PRODUCTION (AAP363).
- 5- CATTLE PRODUCTION (AAP 363, In English).
(International Agriculture Program).
- 6- SPECIAL STUDIES (AAP 418, In English)
(Joint program between Cairo and Penn State University)

B- POST-GRADUATE COURSES:

- 1- MEAT PRODUCTION AND BODY COMPOSITION (AAP 615)

2- TRAINING ANIMAL PRODUCTION STUDENTS:

(MANAGEMENT, FEEDING, FATTENING, MILKING, LAB WORK..).

3- RESEARCH

In Increasing Meat Production and Improving Meat Quality by using different production and management systems

- 1992 – 2001:

1- TEACHING THE PRACTICAL PARTS OF THE FOLLOWING COURSES:

- 1 - BEEF PRODUCTION.
- 2 - ANIMAL PHYSIOLOGY.
- 3 - SHEEP PRODUCTION.
- 4 - MILK PRODUCTION.
- 5 - PRINCIPLES OF ANIMAL PRODUCTION.

2- TRAINING ANIMAL PRODUCTION STUDENTS

(MANAGEMENT, FEEDING, FATTENING, MILKING, LAB WORK..).

3- RESEARCH

FOR M.Sc. AND Ph.D DEGREES.

SYMPOSIA, WORKSHOPS AND CONFERENCES:

1. **5-6 / 10 / 2010:**
Planning and Monitoring Student Academic Advising and Other Services Workshop, British Council, Riyadh, Saudi Arabia.
2. **13-14 / 2 / 2010:**
Self- study in educational organizations Workshop, Riyadh, King Saud University, Saudi Arabia.
3. **12-13 / 1 / 2010:**
Excellency in Postgraduate Education - Challenges and Opportunities workshop, Riyadh, King Saud University, Saudi Arabia.
4. **12-16 / 7 / 2009:**
2009 ADSA – CSAS – ASAS Joint Annual Meeting, Montreal, Quebec, Canada
5. **12-22 / 4 / 2009:**
Using information technologies and communications in teaching workshop, Riyadh, King Saud University, Saudi Arabia.
6. **16-18 / 2 / 2009:**
The First International Conference in Biotechnology (Towards Knowledge-Based Economy), Riyadh, King Saud University, Saudi Arabia.
7. **4-7 / 12 / 2007:**
The 5th International Conference on " Rabbit Production in Hot Climates ", Hurgada, Egypt
8. **16-20 / 4 /2007:**
Advanced course "**Quality in Ruminant Meat and Meat Products**" Mediterranean Agronomic Institute of Zaragoza, Spain.
(By scholarship from INTERNATIONAL CENTRE FOR ADVANCED MEDITERRANEAN AGRONOMIC STUDIES, CIHEAM)
9. **25-26 / 3 / 2007:**
Mediterranean Regional Symposium "**Challenges to a Whole Chain Approach to Meat Quality and Safety**" , Cairo Egypt.
(By Scholarship from the European Association of Animal Production (EAAP) and Young Train, EU)
10. **4 – 8 / 12 / 2006:**
The 6th International GEAR (Germany – Egypt – Arab Region alumni network) Symposium-and-Workshop on **Sustainable Food Security and Environmental Protection**, Luxor, Egypt
11. **11 - 16 / 09 / 2005:**
5th International GEAR (Germany – Egypt – Arab Region alumni network) Symposium-and-Workshop; **Future of Agriculture in the Arab Region: Challenge for an Environmentally Friendly and Sustainable Agriculture and Veterinary Medicine**, Faculty of Agriculture, Al-Baath University, Homs, Syria.

12. **06 / 03 – 08 / 03 / 2002:**
THE 56th SYMPOSIUM OF THE SOCIETY OF NUTRITION PHYSIOLOGY (GfE),
GÖTTINGEN, GERMANY.
13. **NOVEMEER, 1999:**
THE NEW TECHNIQUES IN THE AGRICULTURE, CONFERENCE OF FACULTY OF
AGRICULTURE, CAIRO UNIVERSITY, EGYPT. (AS AN ORGANIZER)
14. **20 – 26 / 11 / 1999:**
INTERNATIONAL SYMPOSIUM - CUM – WORKSHOP; SUSTAINABLE
AGRICULTURE AND RURAL DEVELOPMENT IN EGYPT, EXPERIENCES
OF EGYPTIAN GRADUATES FROM GERMAN UNIVERSITIES, CAIRO,
EGYPT.
15. **25 / 5 – 1 / 6 / 1999:**
APPLICATION OF MIMIC – PCR FOR VIRAL DIAGNOSIS WORKSHOP,
FACULTY OF AGRICULTURE, CAIRO UNIVERSITY, EGYPT.
16. **19-30 / 9 / 1994:**
ADVANCED SEMINAR ON CARCASS AND MEAT QUALITY IN RUMINANTS,
ZARAGOZA, SPAIN.
(By scholarship from INTERNATIONAL CENTRE FOR ADVANCED
MEDITERRANEAN AGRONOMIC STUDIES, CIHEAM).
17. **09 - 12 / 11 / 1992:**
SYMPOSIUM OF PROSPECTS OF BUFFALO PRODUCTION IN THE
MEDITERRANEAN AND THE MIDDLE EAST, CAIRO, EGYPT.

TRAINING COURSES

1. **19 - 30 / 8 / 2007:**
TRAINING COURSE ENTITLED: **APPLICATION OF BIOTECHNOLOGY,
MOLECULAR BIOLOGY AND RADIOISOTOPE IN AGRICULTURAL AND
BIOLOGICAL FIELDS.** AT THE MIDDLE EASTERN REGIONAL RADIOISOTOPE
CENTER FOR THE ARAB COUNTRIES. EGYPT.
2. **27 – 28 / 03 / 2006:**
TRAINING PROGRAMME ON **EFFECTIVE MANAGEMENT OF THE CRISIS,**
FACULTY AND LEADERSHIP DEVELOPMENT CENTER, CAIRO UNIVERSITY,
EGYPT.
3. **13 – 15 / 03 / 2006:**
TRAINING PROGRAMME ON **DECISION MAKING AND SOLVING PROBLEMS,**
FACULTY AND LEADERSHIP DEVELOPMENT CENTER, CAIRO UNIVERSITY,
EGYPT.
4. **05 – 07 / 03 / 2006:**
TRAINING PROGRAMME ON **MANAGEMENT OF THE SCIENTIFIC RESEARCH,**
FACULTY AND LEADERSHIP DEVELOPMENT CENTER, CAIRO UNIVERSITY,
EGYPT.

5. **26 – 28 / 02 / 2006:**
TRAINING PROGRAMME ON **FINANACIAL PARTS IN THE UNIVERSITIES,**
FACULTY AND LEADERSHIP DEVELOPMENT CENTER, CAIRO UNIVERSITY,
EGYPT.
6. **25 – 26 / 12 / 2004:**
TRAINING PROGRAMME ON **DEVELOPING YOUTH WELFARE SKILLS,**
FACULTY AND LEADERSHIP DEVELOPMENT CENTER,CAIRO
UNIVERSITY, EGYPT.
7. **04 - 06 / 12 / 2004:**
TRAINING PROGRAMME ON **DEVELOPING THE ADMINISTRATION**
SKILLS, FACULTY AND LEADERSHIP DEVELOPMENT CENTER,CAIRO
UNIVERSITY, EGYPT.
8. **01 / 05 – 11 / 07 / 2003:**
PROGRAMME FOR **UNIVERSITY STAFF DEVELOPMENT (UNISTAFF),**
WITZENHAUSEN, KASSEL UNIVERSITY, GERMANY
(by scholarship from the DAAD organization, Germany).
9. **02 / 01 – 27 / 3 / 2003:**
GERMAN LANGUAGE COURSE (G1), GOETHE-INSTITUTE, CAIRO, EGYPT.
10. **17 / 10 / 2001 – 07 / 02 / 2002:**
TRAINING AND CARRING OUT **MEAT QUALITY ANALYSIS** IN THE
FEDERAL CENTER FOR MEAT RESEARCH, KULMBACH, GERMANY.
(By scholarship from the World Laboratory organization, Switzerland)
11. **12 / 05 - 21 / 05 / 2001:**
TRAINING PROGRAMME ON **THE AGRICULTURAL PROJECT**
PREPARATION AND EVALUATION, CONDUCTED BY CENTER FOR
AGRICULTURAL ECONOMIC STUDIES (CAES) AND AGRICULTURAL
POLICY REFORM PROGRAM, MINISTRY OF AGRICULTURE, EGYPT.
12. **28 / 04 – 16 / 05 / 2001:**
INTENSIVE COURSE ON THE **STATISTICAL ANALYSIS SOFTWARE SYSTEM**
(SAS SYSTEM IS A SOFTWARE SYSTEM FOR DATA ANALYSIS). COMPUTER
CENTER, FACULTY OF AGRICULTURE, CAIRO UNIVERSITY, EGYPT.
13. **01 / 07 / 2000 – 30 / 09 / 2000:**
TRAINING COURSE ON THE **INTRODUCTION OF MOLECULAR GENETIC**
APPLICATIONS WITHIN THE ANIMAL BREEDING FIELED AND THE
TECHNIQUES CONNECTED TO THAT. FREISING – WEIHENSTEPHAN
LEHRSTUHL FÜR TIERZUCHT , TECHNISCHE UNIVERSITÄT MUENCHEN
(TUM), GERMANY.
(by scholarship from DAAD organization, Germany).
14. **01 / 10 / 1998 – 30 / 4 / 1999:**
FRENCH LANGUAGE COURSE. LE CENTRE FRANCAISDE CULTURE ET
DE COOPERATION, CAIRO, EGYPT.

15. **04 / 03 – 22 / 05 / 1997:**
ENGLISH LANGUAGE COURSE (TOEFL), CENTER FOR FOREIGN LANGUAGES AND TRANSLATION, FACULTY OF ART, CAIRO UNIVERSITY, EGYPT.

SCIENTIFIC JOURNALS, SOCIAL ASSOCIATIONS, SYNDICATES MEMBERSHIPS:

- 1- RECENT RESEARCH IN SCIENCE AND TECHNOLOGY (RRST),
EDITOR, ANIMAL SCIENCES SECTION.
- 2- AFRICAN JOURNAL OF AGRICULTURAL RESEARCH (AJAR), EDITORIAL BOARD.
- 3- EGYPTIAN SOCIETY OF ANIMAL PRODUCTION.
- 4- EGYPTIAN SOCIETY OF CAMELS SCIENCES (Executive Board).
- 5- EGYPTIAN SOCIETY OF RABBIT SCIENCES
- 6- EGYPTIAN SOCIETY OF ANIMAL HUSBANDRY
- 7- SYNDICATE OF AGRONOMISTS.
- 8- GERMAN – EGYPT - ARAB REGION (GEAR) ALUMNI-NETWORK.
- 9- EX-HEAD of the TECHNICAL UNIVERSITY OF MUNICH (TUM) ALUMNI-NETWORK (EgyTUM) in Egypt.

STUDENTS AND SOCIAL ACTIVITIES:

- Supervisor of Library Friends Group (100 students), 2002/2003 (follows the Students Union).
- One of the faculty members of the Environmental and Society Service Committee (2002/2003).
- Supervisor of ELSAFWA Students Group (50 students), 2000/2001.

HOBBIES:

TRAVELLING AND PLAYING FOOTBALL.

REFERENCES:

- Prof. Dr. F. J. SCHWARZ

LEHRSTUHL FÜR TIERERNÄHRUNG, TECHNISCHE
UNIVERSITÄT MÜNCHEN, HOCHFELDWEG 6, D-85350, FREISING-
WEIHENSTEPHAN, GERMANY.

Tel. 00498161713696

Fax: 00498161715367

E MAIL: schwarzf@wzw.tum.de

- Dr. E. Mills

College of Agricultural Sciences
Department of Dairy and Animal Science
Penn State University, University Park, PA 16802
Pennsylvania, USA

Tel.: 0018148652394

E mail: ewm3@psu.edu

- Prof. Dr. MOHAMED A. I. SALEM

EX- EGYPTIAN CULTURAL CONSULTANT IN GERMANY.

MY Supervisor in M.Sc. and Ph.D. stages.

DEPARTMENT OF ANIMAL PRODUCTION,
FACULTY OF AGRICULTURE, CAIRO UNIVERSITY, EGYPT.

Cell Phone: **0020122809643**

LIST OF PUBLICATIONS
Dr. Ahmed Saad SAMI Awad

- 1- Kay Greeson, Abdullah Al-Owaimer, **Ahmed Sami**, Gamaleldin Suliman and Mohammad Koohmaraie (Submitted) Prevalence of and Antimicrobial Resistance *Salmonella spp.*, *Escherichia coli*, *Enterococcus spp.* and *Staphylococcus aureus* in Domestic and Imported Beef, Lamb, Camel and Poultry in Saudi Arabia. Food Microbiology (Submitted). 2010.
- 2- **Sami, A.**, Suliman, G., Alowaimer, A. and Koohmaraie, M. (Submitted). Effects of blade tenderization and postmortem storage on mature camel (*Camelus dromedarius*) meat tenderness. **Indian Journal of Animal Sciences**. (Submitted). 2010.
- 3- Suliman, G., **Sami, A.**, Alowaimer, A. and Koohmaraie, M. (Submitted). The Effect of Breed on the Quality Attributes of Camel Meat. **Indian Journal of Animal Sciences**. (Submitted). 2010.
- 4- **Sami, A.**, Al-Owaimer,., Zahran,S. and Koohmaraie, M. (2010). Performance, carcass and meat quality traits of Najdi lambs fed saltbush and date pits. **J. Appl. Anim. Res.**, 38, 77-80.
- 5- **Sami, A. S.**, Schuster M. and Schwarz, F. J. (2010). Performance, carcass characteristics and chemical composition of beef affected by lupine seed, rapeseed meal and soybean meal. **J. Anim. Physiol. and Anim. Nutr.** 94, 465-473.
- 6- **Sami, A. S.**, Raines, C. R., Mills, E. W., Infantolino, B. W., Ott, T. L., and Gipe, A. N. (2009). Effects of Electrical Stimulation and postmortem ageing on RNA integrity and DNAJA1 mRNA in two beef muscles. **62nd Reciprocal Meat Conference, 21-24 June, Rogers, AR.** (Poster, abstract #57.
- 7- Amal K. El-Asheeri, **A. S. Sami** and M. A. Radwan (2008). Biological performance and economic traits of fattened Baladi Bullocks as affected by feeding type and marketing body weight. **Egyptian J. Anim. Prod., Supplement issue**, 45, 69-77.
- 8- Akram I. Alkobaby, **Ahmed S. Sami** and Ghada I. Abu-Sinna. (2008). Effect of protein sources on characteristics and quality traits of Nile tilapia (*Oreochromis niloticus*). The **8th International Symposium on Tilapia in Aquaculture, American Tilapia Association** (ed. By Fitzsimmons, K. Elghobashy, H). Vol. 1, pp 551-567. Cairo, Egypt.
- 9- **Sami, A. S.** (2006). Performance, carcass merits and composition of Simmental calves as affected by the fattening regime. **J. Agric. Sci. Mansoura Univ.** 31, 3399-3406.
- 10- **Ahmed, S. Sami**, Koegel, J., Eichinger, H., Freudenreich, P. and Schwarz F. J. (2006). Effects of the dietary energy source on meat quality and eating quality attributes and fatty acids profile of Simmental bulls. **Anim. Res.** 55, 287-299.
- 11- **Sami, A. S.** and Shehata, M. F. (2006). Effect of vitamin E supplementation on carcass characteristics, meat quality and color of Barki lamb meat. **Egyptian J. Anim. Prod.** 43, 49-56.
- 12- Abdellatif, H., **Sami, A.S.** and Abu-Bakr, S. (2006). Effect of short-term supplementation

with vitamin D₃ on beef tenderness. Proceedings of the **XXIVth world Buiatrics Congress**, October , Nice, France, (Poster)

- 13- Schwarz, F. J., **Sami, A.** and Koegel, J. (2006). Starch-rich versus fibre-rich diets for fattening bulls. Proceedings of the **60 conference of the Society of Nutrition Physiology**. Vol. 15. Goettingen, Germany, March, pp. 110.
- 14- **Sami, A. S.**, Koegel, J., Eichinger, H. and Schwarz F. J. (2005). Effects of dietary energy components on meat quality and fatty acid composition of Simmental bulls. Proceedings of the **59 conference of the Society of Nutrition Physiology**. Vol. 14. Stuttgart-Hohenheim, Germany, March, pp. 56.
- 15- **Sami, A. S.**, Abou-Bakr, S., and Abdellateif, H. A. (2005). Effect of short-term Supplementation of vitamin D₃ on beef tenderness. **J. Agric. Sci. Mansoura Univ.** 30, 185-193.
- 16- **Sami, A.S.**, Augustini, C. and Schwarz, F. J. (2004). Effects of feeding intensity and time on feed on performance, carcass characteristics and meat quality of Simmental bulls. **Meat Science**, 67, 195-201.
- 17- **Sami, A.S.**, Augustini, C. and Schwarz, F. J. (2004). Effect of time on feed and feeding intensity on intramuscular fatty acid composition of Simmental bulls. **J. Anim. Physiol. and Anim. Nutr.** 88, 179-187.
- 18- El-Bedawy, T. M., Salem, M.A.I. and **Sami, A.S.** (2004). Calcium soaps in low or high roughage rations: 1- Effect on digestion, rumen metabolism, blood plasma lipids of growing-finishing bulls. **Egyptian J. Anim. Prod.** 41, 31-38.
- 19- El-Bedawy, T.M., Salem, M.A.I. and **Sami, A.S.** (2004). Calcium soaps in low or high roughage rations: 2- Effect on growth performance, carcass characteristics and meat quality of growing-finishing Baladi bulls. **Egyptian J. Anim. Prod.** 41, 61-71.
- 20- El-Kholy, A.F., Salem, M.A.I. Ibrahim, M.A.M. and **Sami, A.S.** (2000). Meat quality of Egyptian Buffalo and Friesian males implanted with anabolic agents. **Buffalo J.** 2, 223-230.
- 21- El Kholy, A.F., Salem, M.A.I., Abdellatif, H.A. and **Sami, A.S.** (1997). Daily gain, feed conversion and carcass characteristics of Friesian and Buffalo males implanted with anabolic agents. **Egyptian J. Anim. Prod.** 34, 1-10.