

CURRICULUM VITAE**PERSONAL INFORMATION**

Name: Saad Mohamed Abdel-Maksoud Shousha

Nationality: Egyptian

Qualifications: B.V.Sc, M.V.Sc, Ph.D.

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Date of Birth: Sept 18, 1970

Place of Birth: El-Beheira, Egypt

Current position: Assistant professor of Physiology

Faculty of Veterinary Medicine

Benha University, Egypt.

Work Address: Department of Physiology, Moshtohor Faculty of Veterinary Medicine, Benha University,

13736 Moshtohor, Toukh, Qaloubeya, Egypt.

Home Address: Al-Aghoury street, Toukh city, Qaloubeya, Egypt.

**EMPLOYMENT HISTORY**

Time: From: 9-2013 to Current

Position: Associate Professor of Physiology

Institute: Faculty of Veterinary Medicine, Benha University, 13736 Moshtohor, Qaloubeya, Egypt.

Duties:

- Teaching Physiology courses to undergraduate students;
- Teaching Lab of Physiology and physiology courses to postgraduate students;
- Scientific research & instructing junior researchers;
- Data analysis and manuscript writing.

PREVIOUS EMPLOYMENTS

Time: From: 5-2007 to 9-2013

Institute: Faculty of Veterinary Medicine, Benha University, 13736, Moshtohor, Qaloubeya, Egypt.

Position: Lecturer of Physiology

Duties:

- Teaching Lab of Physiology to undergraduate students.
- Scientific research for promotion to ass. professor rank;
- Instructing junior researchers;
- Data analysis and manuscript writing.

Time: From: 11-9-1999 to 28-5-2007

Institute: Faculty of Veterinary Medicine, Benha University, 13736, Moshtohor, Qaloubeya, Egypt.

Position: Assistant Lecturer of Physiology

Duties: Teaching Lab of Physiology to undergraduate students.

Time: From: 14-9-1995 to 11-9-1999

Institute: Faculty of Veterinary Medicine, Benha University, 13736 Moshtohor, Qaloubeya, Egypt.

Position: Demonstrator of Physiology.

Duties: Teaching Lab of Physiology to undergraduate students.

EDUCATIONAL BACKGROUND

i.

Time: From: 9-1989 to 12-1994

Institute: Faculty of Veterinary Medicine, Benha University, 13736, Moshtohor, Qaloubeya, Egypt.

Degree obtained: Bachelor of Veterinary Medical Sciences (BVMSc); Graded very good with honor.

ii.

Time: From: 9-1996 to 10-1999

Institute: Faculty of Veterinary Medicine, Benha University, 13736, Moshtohor, Qaloubeya, Egypt.

Degree obtained: Master of Veterinary Medical Sciences (MVMSc; PHYSIOLOGY)

Thesis Title: ‘Study on some Physiological changes during growth of quail’
iii.

Time: From: 9-2002 to 3-2007

Institute: Yamaguchi University, United Graduate School of Veterinary
Science, 1677-1 Yoshida, Yamaguchi 735-8515, Japan.

Degree obtained: Philosophy Doctor of Veterinary Medical Sciences (PhD;
PHYSIOLOGY)

Thesis Title: ‘Study on the central and peripheral regulation of
food intake in Japanese quail using some novel
peptides’

EXPERIENCE

A. TEACHING EXPERIENCE:

i. Practical physiology course to undergraduates (1st and 2nd grade BVMSc. Course)

- Handling of different laboratory animals including rats, mice, guinea-pigs rabbits and frogs;
- Laboratory manuals and precautions;
- Blood sampling;
- Haematological techniques (RBCs Count, WBCs count, Eosinophils Count, Hb. determination, PCV, Differential Leukocytic count,etc., and their interpretations)
- Demonstration of the different physiological experiments on muscles and nerves.
- Demonstration of the different physiological experiments on frog’s heart.
- Demonstration of the different physiological experiments on rabbits and other experimental animals.

ii. Theoretical physiology course to undergraduates (1st and 2nd grade BVMSc. Course)

- Physiology of animal cell
- Physiology of blood (Haematology)
- Physiology of body fluids and homeostasis
- Physiology of central nervous system
- Physiology of cardiovascular system
- Physiology of reproductive system
- Physiology of respiratory system

- Physiology of digestive system
- Physiology of urinary system
- Physiology of endocrine glands
- Physiology of central nervous system
- Physiology of autonomic nervous system
- Physiology of metabolism and body temperature
- Avian comparative physiology
- Fish comparative physiology

Scientific courses Related with Physiology taught:

- Immunology
- Medical Parasitology
- Histology
- Medical terminology
- Reproductive health
- Cytology
- Cytogenetics
- Applied nutrition
- Clinical nutrition
- Public health practices of nutrition
- Food chemistry
- Clinical chemistry
- Clinical endocrinology
- Food microbiology
- Clinical haemtology

SOCIETIES AND ASSOCIATIONS

- Japanese Physiological Society (JPS; 2002~2007)
- Endocrine Society (ES; 2004 ~ current)
- Egyptian Society of Veterinary Syndicate (1995- current)
- A member of Society of Physiological Sciences and Their Applications (SPSA).

Record of Publications :

1. Abdelghany HEFNAWY, Mahmoud Atef Youssef HELAL, Ahmed SABEK and **Saad SHOUSHA, (2018)**. Clinical, behavioral and biochemical alterations due to shearing stress in Ossimi sheep. *J. Vet. Med. Sci.* 80 (8):1281-1286.
2. H. Genedy; **S. Shousha**; M. Azab; R. Ismail; A. Nafeaa. (2018). Effect of β -Mannanase (Hemicell®) on Growth Performance and Immunity of Japanese quail. *BENHA VETERINARY MEDICAL JOURNAL*, VOL. 34, June, NO. 2:84-101.
3. D. Kirat¹, **S. Shousha. (2016)**. Angiotensin II up-regulates monocarboxylate transporters expression in the rat adrenal gland. *Cell. Mol. Biol.*, 62 (1): 24-29.
4. T. Naso, **S. Shousha**, T. Sakamutu. (2016). Effect of central adrenomedullin on feeding regulation in the Japanese quail. *Egypt.J.Basic Appl.Physiol.*, in Press.
5. Khalid Hameed, **Saad Shousha. (2016)**. Some haemato-biochemical values in both male and female new zealand white rabbits. *Egypt.J.Basic Appl.Physiol.*, in Press.
6. El-Ayadi D. El-Abed, **shousha S. (2015)**. Hormonal and metabolic responses to moderate and heavy resistance exercise loads in male subjects. *Z.U.M.J.* Vol. 21; No.1 January.
7. Ahmed Elkirdasy, **Saad Shousha**, Abdulmohsen H. Alrohaimi and M. Faiz Arshad. (2015). Hematological and immunobiochemical study of green tea and ginger extracts in experimentally induced diabetic rabbits. *Acta Poloniae Pharmaceutica . Drug Research*, Vol 72, Vol. 72 No. 3 pp. 497n506, 2015
8. **Shousha S.**, Kirat D., Naso T. (2015). Effect of central and peripheral nesfatin-1 on food intake in Japanese quail. *AASCIT Journal of Biology* 1(1): 1-9 Published online March 30.
9. **Shousha S.**, Kirat D., Naso T. (2015). Central Ghrelin Reduce Water Intake in Japanese Quail. *International Journal of Life Sciences Research* ISSN 2348-3148 (online) Vol. 3, Issue 1, pp: 165-174.
10. **Shousha S.**, Kirat D., Naso T. (2015). Effect of peripheral ghrelin on energy homeostasis in Japanese quail. *International Journal of Chemical and Biomedical Science* 1(1): 6-12.
11. Naso, T., **Shousha, S.** and El-Kirdasy, A. (2013). Central neuropeptide W has anorexigenic effect of in rats. *Journal of Animal Physiology and Animal Nutrition* © 2013 Blackwell Verlag GmbH, DOI: 10.1111/jpn.12067.
12. El-Mahmoudy, **S. Shousha**, H. Abdel-Maksoud and O. Abou Zaid. (2013). Effect of long-term administration of sildenafil on lipid profile and organ functions in hyperlipidemic rats. *Acta Bio Medica*, 84: 12-22.

13. Abdelghany Hefnawy, **Saad Shousha**, Omnia Abdelhamid and Seham Youssef. (2013). Usage of Saliva as Alternative Biological Fluid to Serum for Minerals, Energetic and Hormones Assessment in Lactating Egyptian Water Buffaloes. *Journal of Buffalo Science*, 2, 108-113.
14. Abd Elghany Hefnawy, **Saad Shousha**, Seham Youssef. (2011). Hematobiochemical Profile of Pregnant and Experimentally Pregnancy Toxemic Goats. *J. Basic. Appl. Chem.*, 1 (8): 65-69.
15. Abd Elghany Hefnawy, **Saad Shousha**, Seham Youssef. (2011). Role of Insulin and/or Fasting in a Protocol for Inducing Pregnancy Toxemia in Twin-Bearing Zaraibi Goats. *J. Basic. Appl. Sci. Res.*, 1 (11): 2026-2030.
16. Abd Elghany Hefnawy, **Saad Shousha**, Seham AbuKora, Jorge Tortora-Perez. (2011). Effect of gestation and maternal copper on the fetal fluids and tissues copper concentrations in sheep. *Veterinary Research*, 4 (1): 9-12.
17. **Saad Shousha**, Tatso Naso, Ahmed El-kirdasy. (2011). Role of Exogenous Ghrelin in Pancreatic Growth in Young Rats. *J. Basic. Appl. Sci. Res.*, 1(10)1363-1371.
18. Hefnawy AE, Youssef S, **Shousha S**. (2010). Some immunohormonal changes in experimentally pregnant toxemic goats. *Vet Med Int*. 2010; manuscript number 768438.
19. **Saad Shousha**, Ahmed El-kirdasy. (2009).. Physiobiochemical changes in Nile tilapia (*Oreochromis niloticus*) due to exposure to methomyl pesticide. *Egypt.J.Basic Appl.Physiol.*, 8 (1): 119-137.
20. Kassab, **S. Shousha**, A. Fargani. (2009). Morphology of Blood Cells, Liver and Spleen of the Desert Tortoise (*Testudo graeca*). *The Open Anatomy Journal*, 1, 1-10.
21. A.F.El-Kirdasy, **Saad Shousha**, Osama Hassan. (2008). Protective effect of curcumin against injury induced stress in male albino rats. *Minufiya Vet. J.*, 5 (3): 671-683.
22. **Saad Shousha**. (2007). Study on the central and peripheral regulation of food intake in Japanese quail using some novel peptides. PhD Thesis, Yamaguchi University.
23. **Shousha S**, Nakahara K, Nasu T, Sakamoto T, Murakami N. (2007). Effect of glucagon-like peptide-1 and -2 on regulation of food intake, body temperature and locomotor activity in the Japanese quail. *Neurosci Lett*. Mar 26; 415 (2):102-107.

24. **Shousha S**, Nakahara K, Sato M, Mori K, Miyazato M, Kangawa K, Murakami N. (2006). Effect of neuromedin S on feeding regulation in the Japanese quail. *Neurosci Lett.* Jan 2; 391 (3):87-90.
25. **Shousha S**, Nakahara K, Kojima M, Miyazato M, Hosoda H, Kangawa K, Murakami N. (2005). Different effects of peripheral and central ghrelin on regulation of food intake in the Japanese quail. *Gen Comp Endocrinol.* Apr; 141 (2):178-83.
26. **Shousha S**, Nakahara K, Miyazato M, Kangawa K, Murakami N. (2005). Endogenous neuromedin U has anorectic effects in the Japanese quail. *Gen Comp Endocrinol.* Feb; 140 (3):156-63.
27. **Saad Shousha.** (1999). Study on some physiological changes during growth of quail. Master Thesis, Zagazig University. Fac Vet Med. Moshtohor.

SCIENTIFIC MEETINGS AND CONFERENCES:

- 1- **Saad Shousha.** Ghrelin: a new gastric hormone with multiple functions. The Fifth Annual Scientific Conference, Society Of Physiological Sciences And Their Applications, July, 25-28, 2007, Mansoura University, Egypt.
- 2- **Saad Shousha**, Ahmed El-Kirdasy. The ameliorative effects of curcumin in stressed male albino rats. The 14th International Arab chemistry (ACC-14)- April from 31/3 to 3/4/2008; Tripoli, Libya.
- 3- Abdel ghani Hefnawy, Seham Yousif, **Saad Shousha.** Effect of Experimental pregnancy toxemia on immunoglobulin, cortisol and insulin hormones in goat does. The 1st Conference of Faculty of Veterinary Medicine, Omar El-Mukhtar University. (Crisis and Solutions), held on 3-5 July 2010, at AlBeida, Libya.
- 4- Ahmed El-Kirdasy, **Saad Shousha**, Tatsu Nasu. Role of Exogenous Ghrelin in Pancreatic Growth in young rats. the 5th Saudi Science Conference- Umm Al-Qura University, April, 16-18, 2012, Makkah, Saudi Arabia.
- 5- **Saad Shousha**, Keiko Nakahara, Kuroda Haruta, Mikiya Miyazato, Masayasu Kojima, Kenji Kangawa, Noboru Murakami. "Effect of Neuromedin U on the food intake, body temperature and locomotor activity in Japanese Quail: The reverse effect for mammals". The 136th Japanese Society of Veterinary Science Conference held on 3-5 October 2003, at Aomori, Japan. IP-23, pp 231.

6- **Saad Shousha**, Keiko Nakahara, Noboru Murakami. "Effect of ghrelin and neuromedin U (NMU) on food intake in Japanese quail". The Western Japanese Society of Physiological Conference held on 15-16 October 2004, at Fukuoka, Japan. IP- 12, pp 18.

7- **Saad Shousha**, Keiko Nakahara, Noboru Murakami. "Effect of neuromedin S (NMS) and NMU on food intake in Japanese quail". The 140th annual Meeting of Japanese Society of Veterinary Science Conference held on 29th September-1st October 2005, at Kagoshima, Japan. IP- 28, pp 197.

ACADEMIC COURSES

MASTER COURSES

Institute:

Moshtohor Faculty of Veterinary Medicine, Benha University,
13736 Moshtohor, Toukh, Qalioubeya, Egypt.

Courses:

NAME	GRADE
• Physiology	Excellent
• Theriogenology	Excellent
• Animal Hygiene	Very good
• Biochemistry	Very good
• Biostatistics	Excellent

Ph.D. COURSES

In Egypt

Institute:

Moshtohor Faculty of Veterinary Medicine, Benha University,
13736 Moshtohor, Toukh, Qalioubeya, Egypt.

Courses:

NAME

GRADE

- | | |
|----------------------|-----------|
| • General Physiology | Very good |
| • Avian Physiology | Excellent |
| • Biochemistry | Excellent |

In Japan (Scholarship):

Institute:

Miyazaki University, United Graduate School of Veterinary Science,
1677-1 Yoshida, Yamaguchi 735-8515, Japan.

Courses:

NAME	GRADE
• Preventive Hygiene	Excellent
• Food Hygiene	Excellent
• Internal Medicine of Large Animals (I)	Excellent
• Anaerobic Bacteriology	Excellent
• Reproduction Physiology(I)	Excellent
• Anatomy of Circulatory System	Excellent
• Reproduction Physiology (II)	Excellent
• Internal Medicine Of Large Animals (II)	Excellent
• Reproduction Physiology (III)	Excellent
• Internal Medicine Of Large Animals (III)	Excellent
• Recent Advanced Pathogenic Veterinary Sciences	Excellent
• Recent Advanced Preventive Veterinary Sciences	Excellent
• Recent Advanced Clinical Veterinary Sciences	Excellent

RESEARCH SKILLS:

- Laboratory animals handling, administration of drugs via various routes, sampling,...etc.
- Electrophysiological techniques as microelectrode recording and related skills.
- Cell culturing and related skills.
- Molecular biological techniques like Western Blotting Analysis, Reverse Transcription-Polymerase Chain Reaction (RT-PCR).
- Basic biochemical techniques including Spectrophotometry, ELISA,...etc.
- Staining techniques including Immunostaining and Immunocytochemistry.
- Some computer applications like word, power point, excel...etc.

- Statistical analysis of biological experiments by simple methods as Student's t-test.
- Writing manuscripts in forms suitable for publication.

COMMUNICATION SKILLS:

- Arabic: Mother tongue
- English: Good; TOEFL scored 563 (old scoring system), dated 2001.
- Japanese: Fair; Japanese language Class "A", dated 2002

NON-SCIENTIFIC TRAINING PROGRAMS:

1- Decision making and problem solving:

Time: From: 9-7-2007 to 11-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

2- Course design:

Time: From: 2-7-2007 to 4-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

3- Scientific report writing:

Time: From: 2-7-2007 to 4-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

4- Concepts of IT:

Time: From: 15-7-2007 to 17-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

5- Using computers and managing files:

Time: From: 10-8-2008 to 12-8-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

6- Word processing:

Time: From: 13-8-2008 to 14-8-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

7- Ethics of scientific research

Time: From: 12-8-2008 to 14-8-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

8- Financial and legal aspects:

Time: From: 25-8-2008 to 27-8-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

9- Time management:

Time: From: 3-8-2014 to 5-8-2014

Institute: Benha University, Benha City, Qalioubeya, Egypt.

10- Self and institutional evaluation:

Time: From: 10-8-2014 to 12-8-2014

Institute: Benha University, Benha City, Qalioubeya, Egypt.

11- Windows:

Time: From: 10-8-2014 to 12-8-2014

Institute: BENHA University, Benha City, Qalioubeya, Egypt.

12- Internet:

Time: From: 17-8-2014 to 19-8-2014

Institute: Benha University, Benha City, Qalioubeya, Egypt.

AWARDS

- From Egyptian Syndicate for Veterinarians:
Award of the senior of the graduates of the year 1994
- From Egyptian Ministry of Higher Education:
Four and half years scholarship to study PhD in Japan
