

Faculty of Vet. Med Department of Cytology and Histology

NAME : Khalil Fathy Abou- Easa .

PRESENT EMPLOYMENT : Professor of Cytology and Histology and Head of Department of Cytology and Histology, Faculty of Vet. Med. Kafr-El-Sheikh University.

AREA OF FINE SPECIALIZATION : Stem Cell Therapy and Molecular Biology; Developmental Biology; Neuroendocrinology

DATE OF BIRTH : June 1, 1960.

NATIONALITY: Egyptian.

SEX : male

MARITAL STATUS : Married .

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SCIENTIFIC PROFESSIONS

| Institution And Location | Degree | Year | Field of Study | |
|--|--------------------------|----------|-----------------------|--|
| Faculty of Vet. Med., Alexandria University. | Veterinary Medicine . | 1983 | Veterinary Medicine | |
| Faculty of Vet. Med., Zagazig University, (Benha). | M. V. Sc. | 1987 | Developmental Biology | |
| Faculty of Vet. Med., Zagazig University, (Benha). | PH. D. Vet. Sc. | 4-5-1993 | Developmental Biology | |

POSITIONS / EMPLOYMENTS

1984-1987 : Demonstrator of histology and cytology, Dept. Anatomy and Histology, Fac. Vet. Med., Zagazig University, Benha.

- 1987-1991 : Assistant lecturer of histology and Cytology, Dept. Anatomy and Histology, Fac. Vet. Med., Zagazig University, Benha
- 1991-1993 : Assistant lecturer of histology and Cytology, Dept. Anatomy and Histology, Fac. Vet. Med., Tanta University, Kafr-El-Sheikh.

- 1993-1999 : Lecturer of histology and Cytology, Dept. Anatomy and Histology, Fac.
 - Vet. Med., Tanta University, Kafr-El-Sheikh.
- 1999-2005 : Associate professor of histology and cytology Dept. Anatomy and Histology Fac. Vet. Med., Tanta University, Kafr-El-Sheikh.
- 29-3-2005 : Professor of histology and cytology Dept. Anatomy and Histology Fac. Vet. Med., Kafr-El-Sheikh University.
- 2005-2007 Head of Department of Anatomy and Histology Faculty of Vet. Med. Kafr-El-Sheikh University.
- 27-9-2007- Head of Department of Cytology and Histology Faculty of Vet. Med. Present Kafr-El-Sheikh University.

COMMITTEES MEMBERSHIPS / APPOINTMENT ACTIVITIES

- 1995-Present : Member of Examiner Committees of undergraduate and postgraduate students in Cytology and Histology, Fac. Vet. Med., Kafr-El-Sheikh University.
- 1995-Present : Member in the Examiner Committees of Undergraduate Students in Cytology and Histology, Fac. Vet. Med. Zagazig University (Benha), Alexandria University, Mansoura University and Suez Canal University.
- 1995-1996 : Faculty member in Faculty Council, Fac. Vet. Med., Tanta University, Kafr-El-Sheikh.
- 2000-2001 : Faculty member in Faculty Council, Fac. Vet. Med., Tanta University, Kafr-El-Sheikh.
- 2005 : Faculty member in Faculty Council, Fac. Vet. Med., Tanta University, Kafr-El-Sheikh.
- 1994-Present : Faculty member in Faculty Directory Committees, Fac. Vet. Med., Kafr-El-Sheikh University .
- 1995 -Present : Supervisor on the degrees of M. Vet. Sc. in the field of developmental biology in the Dept. Anatomy and Histology, Fac. Vet. Med., Kafr-El-Sheikh University .
- 1999-Present : Supervisor on the degrees of PH. D. Vet. Sc. in the field of developmental biology and developmental neuroanatomy, Dept. Anatomy and Histology Fac. Vet. Med., Kafr-El-Sheikh University.
- 1997-Present : Member in the examiner committees of premaster examinations in the Dept. Anatomy and Histology Fac. Vet. Med., Kafr-El-Sheikh University .
- 1999-Present : Member in the examiner committees of predoctor examinations in the Dept. Anatomy and Histology Fac. Vet. Med., Kafr-El-Sheikh University .
- 2005-Present : Member in the examiner committees of doctoral qualification in the Dept. Anatomy and Histology Fac. Vet. Med., Kafr-EI-Sheikh University .
- 2005-Present : Member in the committees of reviewing of doctoral thesis .
- 1995-Present : Sharer in preparation of Cytology and Histology Books for undergraduate students, Fac. Vet., Med. Kafr-El-Sheikh University.

PROFESSIONAL MEMBERSHIPS

2000-Present : Member in the World Association of Veterinary Anatomists.
2000-Present : Member in the American Association of Veterinary Anatomists.
2007-Present : Member in the African Association of Veterinary Anatomists.
1987-Present : Member in the Egyptian Association of Histology and Cytology.

- 1995-Present : Member in the Egyptian Association of Anatomy .
- 2005- Present : Member in The Scientific Advisory Board of Kafr-El- Sheikh Veterinary Medical Journal .
- 2007 Candidacy only for cultural consultant (counsel) of Egypt in USA .
- 2008- Present Member in the referee list of promotion of professors and associate professors of Cytology and Histology and Anatomy in the faculties of Vet.Med. in Egyptian Universities .

HONORS / GRANTS

- 1980 : Honor of the Egyptian Association of Histology and Cytology for the excellence grade .
- 2000 : Postdoctoral grant from Tanta University to Dept. Anatomy and Physiology, Fac. Vet. Med., Kansas State University, USA. This grant carried out in the field of Molecular Biology (Eukaryotic Molecular Genitics) to study the stem cell biology.

TRAINING COURSES :

- 1985 : Training course for university teacher preparation in Faculty of Education, Zagazig University , Benha Branch .
- 1991 : Training course for English Language in Faculty of Education , Tanta University .
- 1992 : Training course in electron microscopy, Faculty of Science, Alexandria University.
- 2004- : Training courses in the Faculty and Leadership Development Project in Tanta2006 University for :
 - 1- Students Management .
 - 2- Perfect presentation of lectures.
 - 3- Direction of people .
 - 4- Some sides of laws of universities .
 - 5- Ethics of Career
- 2010 1-Training course in Strategic Planning for Higher Education Organizations.
 - 2- Training course in Self Evaluation of Higher Education Organizations.

CONSTRUCTIONS :

- 1993- Present : Share in formation and development of the Department of Cytology and Histology , Fac . Vet . Med . Kafr-El-Sheikh University .
- 1985-1992 : Share in formation and development of the Department of Cytology and Histology , Fac . Vet . Med . Zagazig University, Benha Branch .

TEACHING PROFESSIONS

- 1984 -1993 : Teaching the course of practical histology and cytology for the undergraduate students, Fac. Vet. Med., Zagazig and Tanta University.
- 1994-Present : Teaching the course of histology and cytology for both undergraduate and postgraduate students, Fac. Vet. Med., Tanta University, Kafr-El-Sheikh. This course dealing with mammals tissues, cytogenitics and cell biology, ultrastructure, histophysiology, histochemistry.
- 2003 : Teaching the course of practical histology and cytology for the undergraduate students, Fac. Vet. Med., Mausoura University .
- 2000-Present : Teaching special lectures through the Summer Training for student of Vet. Med., Kafr-El-Sheikh University, in the fields of :
 - 1- How can we developing .
 - 2- Recent studies in the Cytology and Histology.
 - 3- Characters and preparation of scientists .

CONFERENCES ACTIVITIES , SPECIAL LECTURES , SEMINARS AND WORKSHOPS

- 1985-Present : Participation and researches publication in the conferences of the Egyptian Association of Histology and Cytology.
- 1996-Present : Participation and researches publication in the conferences of the Egyptian Association of Anatomy.
- 1996 : Administration of a paper in the conference of Egyptian Association of Reproduction and Fertility.
- 2001 :Presentation of Special lecture about (Structure of Nucleus and DNA ; Transcription and Translation of Gene) in the Dept. Anat. Hist. Fac. Vet. Med. Kafr-El-Sheikh, Tanta University.
- 2002 : Participation and administration of a paper in the conference of Fac. Vet. Med., Assiut University.
- 2003 : Member in the Committee of organization for the conference of Fac. Vet Med., Kafr-El-Sheikh, Tanta University.
- 2005 : Presentation of Seminar about (The use of cell molecular Biology and Cultured Tissues in the Lab in Treatment of famous Diseases) in the Dept. Anat. Hist. Fac. Vet. Med. Kafr-El-Sheikh, Tanta University.
- 2003 : Participation in the workshop of Fulbright organization about preparing a research proposal .
- 2005 : Participation in the workshop of Faculty and Leadership Development Project in Tanta University for education development .
- 2009 Participation in the first International Congress on tissue engineering, Faculty of Dentist, Alexandria University.

LIST OF THESIS'S UNDER THE SUPERVISION OF Dr. KHALIL FATHY ABOU – EASA

| | Student Name | Thesis Title | Field | Date of Registration and thesis type | Date of completion | Role of Dr. Abou - Easa |
|----|--|---|--------------------------|---|--------------------|-------------------------------|
| 1- | Mohamed A. El-Nasharty . Mansoura University | Some histological and histochemical studies on the liver of rabbits during (pre-and post) natal period. | Developmental biology | 1996 M.V.Sc. | 1999 | Committee member |
| 2- | Ahmed S. Abd -El-Maksoud. Mansoura University | Some histological and histochemical studies on the spl- een of quail during pre-and posthatch- ing period. | Developmental biology | 1996 M.V.Sc. | 1999 | Committee member |
| 3- | | Organogenesis and early histogenesis of the Caprine stomach. | Developmental biology | 1997 M.V.Sc. | 2000 | Committee member |
| 4- | Shehata | The prenatal devel- opment of the brain in the goat . | Developmental biology | 1998 Ph.D.V. Sc. | 2003 | Committee member |
| 5- | S. El-Ghanam | Development of the musculoskeletal system in quail . | Developmental biology | 2000 - 2004 Ph.D.V. Sc. | | Committee member |

PROJECTS

- 2010 :Supervisor of a teaching project (Versual Lab) in Department of Cytology and Histology, Faculty of Vet. Med. Kafr-El-Sheikh University.
- 2) 2010 :Member in the project of (**CEQAP**) in the Faculty of Vet. Med. Kafr-El-Sheikh University.
- 3) 2011 : Principal investigator for STDF project in the field of stem cell therapy (*Regeneration of real embryonic hepatocytes from self Individual naturally reprogrammed stem cells*)

LIST OF SELECTED PUBLICATIONS IN CHRONOLOGICAL ORDER

* First : Complete publications in Egyptian and American refereed Journals

1) " Ultrastructure of pinealocytes of quail during laying and after laying period" .

K.F. Abou-Easa. Alex. J. Vet. Science 11 (4) : 445 – 453. (Ist SCVMR), 1995.

2) "Histology of the pineal gland of the goat during estrus and pregnancy with special reference

to the secretory activity by electron microscopy". **K.F. Abou-Easa.**<u>The 8th annual Congress, Egypt. Soc. Anim. Reprod. Fert. 55-64, Cairo, Egypt, 1996.</u>

3) "Tissue Changes in the pineal, retina and thymus of male dog before and after sexual

maturity".

K.F. Abou-Easa.

<u>Alexandria Journal of Veterinary Science 13 (4) : 333 – 344.</u> The Second Scientific Conference for Veterinary Medical Researches, 1997.

4) "Tissue evolution of buffalo pineal gland after birth till sexual maturity".

K.F. Abou-Easa.

Benha Vet. Med. J. 8 (2): 1 - 16, 1997.

5) " Tissue features of the camel pineal in the postnatal life : Presence of neurons in the pineal

and brain sand in the choroid plexus of the third ventricle".

K.F. Abou-Easa.

Benha Vet. Med. J. 8 (2): 17 – 31, 1997.

6) " Morphological study on the penile skin of buffalo and dog with special reference to the cells

of the immune system and their relation to keratinocytes".

K.F. Abou-Easa. Assuit Vet. Med. J. 41 (82) : 15-32, 1999.

7) "Xenotransplantation of bovine bone marrow stromal cells into pig fetuses : incorporation

into skeletal muscle".

P.L. Martin, D. Davis, M. Weiss, D. Gricger, **K. Abou-Easa**, and D. Troyer. Animal Biotechnology , 12 (2), 183 - 191, 2001, USA.

8) " Effect of direct Tri-Mic (Microbial Flora) feeding on some physiological, Histological and

Biochemical Profiles in Chicken".
S. A. Hedaya, K. F. Abou - Easa and A.A. Fayed.
Egypt. J. Basic and Appl. Physiol., 1 (1): 83 - 98, 2002.

9) "Posthatching Ontogeny of the chicken's pineal : presence of hematopoiesis and regressive

features". M. Abd-El-Gawad and **K. F. Abou-Easa.** 10th Sci. Cong., Fac. Vet. Med., Assiut Univ. Egypt. : 38-57, 2002.

10) "Matrix cells from Wharton's Jelly form Neurons and Glia ".
 Kathy E. Mitchell, M. L. Weiss, Brianna Mitchell, P. Martin, D. Davis, Lois Morales, B. Helwig, M. Beerenstrauch, K.F. Abou-Easa, T. Hildreth, and D. Troyer.
 <u>Stem Cells 21 : 50 - 60, 2003, USA.</u>

11) " In situ identification of sugar residues in monkeys salivary glands by lectin

histochemistry". 1- Mandibular gland. M. Faied and **K. F. Abou-Easa**. J. Egypt. Vet. Med. Assoc. 63 (5) : 339-353, 2003.

12) Histology, fine structure and carbohydrate histochemistry of the epithelium of the

accessory male genital glands of the Egyptian baladi goat Hany E.S. Mare; Hany A. El-Habback **and Khalil F. Abou-Easa** Veterinary Medical Journal 52 (2): 165-182, 2004.

13) "Histology and ultrastructure of electric organ of the electric fish, Malapterurus

electricus.
M. Kassab ; K. F. Abou-Easa. and F. Abd-El-Mohdy . J. Egypt. Vet. Med. Assoc. 64 (5) : 29-40, 2004.
14) Effect of light colours on pineal hematopoiesis of chicken . E. Tousson ; K. F. Abou-Easa ; M. Fayed and Mona Aly Egypt. J. Exp. Biol. (Zool.) , 2: 1 – 8 , 2006

- 15) " Involution signs during the postnatal life in the pineal tissue of buffalo and camel ".
 K. F. Abou-Easa ; Ehab Tousson and M. Abd-El-Gawad. Nature and Science 7(9):35-44 ,2009.
- 16) Increase in somatostatin immunoreactivity in the organotypic slice culture of mouse hypothalamic suprachiasmatic nucleus.

Ehab Tousson and **Khalil Abou-Easa**. Journal of American Science 5(7):91-98, 2009.

17) Tissue changes in the pineal ,testis and ovary in puppies before and after vision. In press, 2011.

* Second : Abstracts of conferences' proceedings

18) " Hemopoiesis in the fetal liver of the one humped camel (Comelus dromidarius) ".

I. A. Moustafa; **K. F. Abou-Easa** and M. S. S. Ewais. The Egyptian Journal of Histology 11 (1) : 167, 1988.

- 19) " Organogenesis of the fetal liver in one humped camel (Camelus dromedarius)".
 I. A. Moustafa; K. F. Abou-Easa and M. S. S. Ewais. <u>The Egyptian Journal of Histology 11 (1): 186, 1988.</u>
- 20) " Correlation of the pineal with pituitary, ovaries and thymus in puppies before and after vision :

histological investigations " .. K.F. Abou-Easa.

20th Annual Scientific Conference, the Egyptian Anatomical Society, Faculty of Medicine, Al – Azhar University, 1996.

21) "Histological change in the pineal, pituitary, testes, thyroid and adrenal in puppies before and

after vision with reference to pineal role ".

K.F. Abou-Easa.

The 20th Scientific Conference of the Egyptian Society of histology and Cytology; Women's college for Arts, Science and Education, Ain Shams University, 1996.

22) " Detection of Involution signs in the pineal tissue of buffalo and camel " .
 K. F. Abou-Easa and M. Abd-El-Gawad.
 25th Conference of Egyptian Society of Histology and Cytology, January, 2002.

Khalil Abou-Easa

PH. D., Professor