

CURRICULUM VITAE

Dr. Mohamed Gomaa Tawfiek Abdellatief, DVM, MVSc., PhD



- **Academic Title:**
*Associate Professor
Veterinary Anatomy and Embryology*
- **Education:**
Veterinary Medical Sciences.
- **DVM,**
Bachelor degree of Veterinary Medical Sciences, Cairo University, Beni-Suef branch, Egypt, 2001.
- **MVSc.,**
Master of Veterinary Medical Sciences (Anatomy and Embryology) from Beni-Suef University, Egypt, 2007.
- **PhD**
Philosophy of Doctorate in Anatomy and Embryology, A Joint supervision from Virginia Tech, USA and Beni-Suef University, Egypt, 2011.
- **Contact Info.**
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Department of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef 62511, Egypt.

BIO STATEMENT:

- My bachelor degree 2001 in Veterinary Medical Sciences, from Faculty of Veterinary Medicine, Cairo University, Beni-Suef branch, Egypt. Master degree 2007 in Veterinary Medical Sciences (Anatomy and Embryology), from Faculty of Veterinary Medicine, Beni-Suef University, Egypt.
- I had a joint supervision mission funded from the Egyptian Ministry of Higher Education, for two years from 1/3/2009 to 28/3/2011 at Virginia Maryland (VA-MD) Regional College of Veterinary Medicine, Virginia Polytechnic Institute and State University, Blacksburg Campus, Blacksburg 24060, Virginia (VA), United States of America. Ph.D. entitled **“Preparation of Audiovisual Aids for Use in Teaching Veterinary Anatomy.”**
- Currently I am an Associate Professor of Comparative Animals Anatomy and Embryology at Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef 62511, Egypt. I am a veterinary anatomist; I developed a veterinary anatomy software including the electronic atlas of sheep anatomy (EASA) and 3D skeleton of sheep (a part from my PhD thesis) and an electronic atlas of birds' gross anatomy (a part of my supervised candidate's PhD thesis).
- A member of Postdoctoral research mission funded by the Egyptian Ministry of Higher Education, for six months from 17/9/2016 to 15/3/2017, at the Morphological Analysis Unit, Centre of Animal Biotechnology and Gene Therapy (CBATEG), Department of Anatomy and Animal Health, Faculty of Veterinary Medicine, Autònoma University of Barcelona, Bellaterra, Barcelona 08193, Spain

PERSONAL DETAILS:

Full name: Mohamed Gomaa Tawfiek Abdellatief
Date of birth: 1/8/1979. **Place of Birth:** Beni-Suef, Egypt.
Nationality: Egyptian **Marital status:** Married and have four children.
Personal website: <http://www.bsu.edu.eg/homepage.aspx?Pid=190>
Google scholar: <https://scholar.google.com.eg/citations?user=MHm2bpcAAAAJ&hl=en>
Research gate: https://www.researchgate.net/profile/Mohamed_Tawfiek
Scopus ID: 56986568000
Researcher ID: K-4864-2017
Orchid ID: <https://orcid.org/0000-0002-1254-4529>
LinkedIn: <https://www.linkedin.com/in/dr-mohamed-tawfiek-17918b31/>

ACADEMIC DETAILS – HIGHER EDUCATION:

- 1st September. 2001:** DVM in Veterinary Medical Sciences, Faculty of Veterinary Medicine, Cairo University, Beni-Suef branch, Egypt, Final Grade: very good (77.06%)
- 20th June, 2007:** MVSc. in Veterinary Medical Sciences (Anatomy & Embryology), Faculty of Veterinary Medicine, Beni-Suef University, Egypt. Dissertation title: "Some Anatomical studies on the tail of the buffalo "Bos bubalis L."
- 16th May 2011:** PhD in Veterinary Medical Sciences (Anatomy and Embryology), Faculty of Veterinary Medicine, Beni-Suef University, Egypt in a joint supervision with the Biomedical Sciences and Pathobiology Department, Virginia–Maryland, Regional College of Veterinary Medicine, Virginia Polytechnic Institute and State University, Blacksburg Campus, Blacksburg 24060, Virginia (VA), USA. Dissertation Title: "Preparation of audiovisual aids for use in teaching Veterinary Anatomy."

PROFESSIONAL AND EMPLOYMENT DETAILS:

- 18th November 2018:** Head of Anatomy and Embryology department, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.
- 26th June 2016:** Assistant Professor of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.
- 28th June 2011:** Lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.
- 22nd July 2007:** Assistant lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.
- 19th May 2002:** Demonstrator of Anatomy and Embryology, Faculty of Veterinary Medicine, Cairo University, Beni-Suef branch, Egypt.

LIST OF PUBLICATIONS:

Dissertations

- 1. Tawfiek, M.G. (2007):** Some anatomical studies on the tail of the buffalo "Bos Bubalis L." M.V.Sc. thesis, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.
- 2. Tawfiek, M.G. (2011):** Preparation of audiovisual aids for use in teaching Veterinary Anatomy. PhD thesis, Faculty of Veterinary Medicine, Beni-Suef University, Egypt, in a joint supervision with Virginia–Maryland, Regional College of Veterinary Medicine, Virginia Tech, Blacksburg Campus, USA.

Articles from Dissertations:

- 1. Gad, M.R.A., Adam Z.A., and Tawfiek, M.G. (2009):** Some anatomical studies on the arterial supply and venous drainage of the tail of the buffalo "Bos Bubalis L." *Beni-Suef Veterinary Medical Journal*, Volume 19, Issue 1, Pages 11-17.
- 2. Adam, Z.A., Gad, M.R.A., and Tawfiek, M.G. (2009):** Some anatomical studies on the nerve supply of the tail of the buffalo "Bos Bubalis L." *Beni-Suef Veterinary Medical Journal*, Volume 19, Issue 1, Pages 18-22.

Original Articles:

- 1. Abedellaah, B.A., Awaad, A.S., Tawfiek, M.G., Mousa, M.A., Bakr, H.A., Mahdy, E.A. (2013):** Ruminocoeal Anastomosis for Treatment of Recurrent Tympany: Experimental Study in Goats. *Journal of the Egyptian Veterinary Medical Association*, Volume 73, Issue 1, Pages 129–138.
- 2. Awaad, A.S., Moawad, K.M., Tawfiek, M.G. (2014):** Comparative Histo-morphological and Histochemical Studies on the Oesophagus of Nile tilapia "*Oreochromis niloticus*" and African

catfish "*Clarias gariepinus*." *Journal of Histology*, Volume 2014, Article ID 987041, 10 pages. Hindawi Publishing Corporation.

Doi: <http://dx.doi.org/10.1155/2014/987041>.

Journal homepage: <http://www.hindawi.com/journals/jh/>

3. Awaad, A.S., **Tawfik, M.G.**, Moawad, U.K., Abdel Razek, A.H., Abedellaah, B.A. (2015). Morphohistological and Surgical Anatomy of the Sinus Interdigitalis in Egyptian Native Breeds of Sheep. *Beni-Suef University Journal of Basic and applied Sciences*, Volume 4, Issue 2, June 2015, Pages 157–166.
Doi: <http://dx.doi.org/10.1016/j.bjbas.2015.05.010>
Journal homepage: www.elsevier.com/locate/bjbas
4. Hagag, U., **Tawfik, M.G.**, Brehm, W. (2015): Systematic arthroscopic investigation of the bovine stifle joint. *Veterinary Journal*, Volume 206, Issue 3, Pages 338–348. Impact Factor: **1.753**
Doi: [10.1016/j.tvjl.2015.09.006](https://doi.org/10.1016/j.tvjl.2015.09.006)
Journal homepage: <http://www.journals.elsevier.com/the-veterinary-journal/>
5. Adam, Z.A., Awaad, A.S., **Tawfik, M. G.**, Ibrahim, A.H. (2016): Gross anatomy of the narial and labial musculatures of one humped Camel (*Camelus dromedarius*). *Journal of Morphological Sciences, functional anatomy and cell biology*, Volume 33, Issue 4, Pages 171-178.
Journal homepage: <http://www.jms.org.br/>
6. Moawad, U.K., Awaad, A.S., **Tawfik, M.G.** (2016). Histomorphological, histochemical, and ultrastructural studies on the stomach of the adult African catfish (*Clarias gariepinus*). *Journal of Microscopy and Ultrastructure*, Volume 5, Issue 3, Pages 155-166.
Doi: <https://doi.org/10.1016/j.jmau.2016.08.002>
Journal homepage: <https://www.journals.elsevier.com/journal-of-microscopy-and-ultrastructure/>
7. Hagag, U., **Tawfik, M.G.**, Brehm, W., Gerlach, K. (2016). Computed tomography of the normal bovine tarsus. *Anatomia, Histologia, Embryologia*, Volume 45, Issue 6, December 2016, Pages 469–478. Impact Factor: **0.731**.
Doi: [10.1111/ahel.12233](https://doi.org/10.1111/ahel.12233)
Journal homepage: [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1439-026](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1439-026)
8. Adam, Z.A., Ragab, G.A., Awaad, A.S., **Tawfik, M.G.**, Abdel Maksoud, M.K.M. (2016). Anatomical and Radiographical Studies on the Arterial Supply of the Udder in Goat and their Surgical Importance. *Beni-Suef University Journal of Basic and Applied Sciences*, Volume 5, Issue 3, September 2016, Pages 291–298.
Doi: <http://dx.doi.org/10.1016/j.bjbas.2016.08.001>
Journal homepage: www.elsevier.com/locate/bjbas
9. Adam, Z.A., Ragab, G.A., Awaad, A.S., **Tawfik, M.G.**, Abdel Maksoud, M.K.M. (2016): Anatomical and radiographical studies on the venous drainage of the udder in goat with special reference to the cranial superficial epigastric vein. *Beni-Suef University Journal of Basic and Applied Sciences*, Volume 5, Issue 3, September 2016, Pages 284–290.
Doi: <http://dx.doi.org/10.1016/j.bjbas.2016.08.002>
Journal homepage: www.elsevier.com/locate/bjbas
10. Adam, Z.A., Ragab, G.A., Awaad, A.S., **Tawfik, M.G.**, Abdel Maksoud, M.K.M. (2017): Gross anatomy and ultrasonography of the udder in goat. *Journal of Morphological Sciences, functional anatomy and cell biology*, Volume 34, Issue 3, Pages 137-142.
Doi: <http://dx.doi.org/10.4322/jms.105316>
Journal homepage: <http://www.jms.org.br/>
11. Hagag, H., **Tawfik, M.G.** (2018): Blind versus ultrasound-guided maxillary nerve block in donkeys. *Veterinary Anaesthesia and Analgesia Journal*, Volume 45, Issue 1, January 2018, Pages 103-110. Impact Factor: **2.064**.
Doi: <https://doi.org/10.1016/j.vaa.2017.06.006>
Journal homepage: <https://www.journals.elsevier.com/veterinary-anaesthesia-and-analgesia>

12. Hagag, H., **Tawfiq, M.G.** (2018): Ultrasonography, computed tomography and magnetic resonance imaging of the bovine metacarpal/metatarsophalangeal joint. **The Veterinary Journal**, Volume 233, Issue March 2018, Pages 66–75. Impact Factor: **1.773**
Doi: <https://doi.org/10.1016/j.tvjl.2018.01.001>
Journal homepage: <https://www.journals.elsevier.com/the-veterinary-journal/>
13. Hebatallah H. M., Gad, M.R., Awaad, A.S., **Tawfiq M.G.** (2018): Morphological characteristics of the oviduct in Egyptian Balady duck (anas boschas domesticus) during laying cycle. Beni-Suef University Journal of Veterinary medical research.
Journal homepage: <https://www.bsu.edu.eg/bsujournals/JVMR.aspx>
14. Hebatallah H. M., Gad, M.R., Awaad, A.S., **Tawfiq M.G.** (2018): Development of an interactive three-dimensional virtual skeleton of birds for use in anatomical education. Beni-Suef University Journal of Veterinary medical research.
Journal homepage: <https://www.bsu.edu.eg/bsujournals/JVMR.aspx>
15. Hagag, U., **Tawfiq, M.G.**, Brehm, W., (2019): Palmar arthroscopic approach and intra-articular anatomy of the bovine carpal joints. Journal of Veterinary Surgery, early view, Pages 1–9. Impact Factor: 1.102 **DOI:** [10.1111/vsu.13149](https://doi.org/10.1111/vsu.13149)

AREAS OF INTERESTS:

Scientific and research interest in the field of specialization clinical and applied anatomy and embryology). Application of arthroscopy and diagnostic methods such as MRI and CT scans to examine the joints and various parts of the body of domestic animals. Preparation of audio-visual aids for use in teaching veterinary anatomy. Study of embryonic development and fetal malformations of animals' various body parts and study of surgical and clinical anatomy in domestic animals.

REFERENCES:

1. Prof Dr. Jesus Ruberté Paris,

Full Professor in Animal Anatomy, Head of Mouse Imaging Platform (Morphological Analysis Unit, Centre of Animal Biotechnology and Gene Therapy (CBATEG), Department of Anatomy and Animal Health, Faculty of Veterinary Medicine, Autònoma University of Barcelona, Bellaterra, Barcelona 08193, Spain. Email: jesus.ruberte@uab.cat, Phone: (+34) 93 5811043

2. Prof Dr. Bonnie, J. Smith,

Associate Professor of Anatomy and Embryology, Biomedical Sciences and Pathobiology Department, Virginia–Maryland, Regional College of Veterinary Medicine, Virginia Tech, Blacksburg Campus, United States of America (USA). Emails: bjsmith@vt.edu - iaonte@yahoo.com
 Voice: 540/231-9024, Fax: 540/231-6033.

3. Prof Dr. Mohamed, R. A. Gad,

Professor of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, Egypt. Email: mrag1955@yahoo.com, Phone: (+2) 01100900904

4. Prof Dr. Zein, A. A. Adam,

Professor and head of Anatomy and Embryology Department, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, Egypt. Email: zeinadam@yahoo.com
 Phone: (+2) 012 500 5231

5. Prof Dr. Khalid Mohamed Mazher,

Professor and Head of Cytology and Histology Department, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, 62511 Egypt. Email: mazher_khaled@yahoo.com,
 Phone: (+2) 011 0090 0936

TEACHING AND SCIENTIFIC EXPERIENCES:

1. Weekly practical Lab courses of the gross and developmental anatomy as well as a technical assistance in the undergraduate training courses of applied anatomy to the first and second year

students at department of Anatomy & Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt from 2003 till now.

2. Weekly theoretical courses of the gross and comparative anatomy and development of the domestic animals to the first and second year students at department of Anatomy & Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt from 2011 till now.
3. Assisted in developing syllabus and overall course structure in the department and help in administration of grades for oral, practical and theoretical exams.
4. Supervision on the scientific dissertations at department of Anatomy & Embryology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.

OTHER SKILLS:

Languages: Arabic: native language, English: speak fluently and read/write with good proficiency.

Computer: User of several computer applications and software (i.e. Windows, Microsoft office and Graphics). Developing e-learning software multimedia authoring tools, Macromedia Authorware, Flash professional 8, Adobe Photoshop, Quick Time Virtual Reality Authoring Studio, VR-Worx, Auto-play media studio 8, Director 8, FrontPage Software developing kits (SDK).

SUPERVISION OF SCIENTIFIC DISSERTATIONS:

Doctorate dissertations (under supervision)

1. Doctorate thesis of **Vet. Azza Ali Hassan Ibrahim**, Assistant lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, registered for this degree in 4/2015. Thesis Title: "*Advanced anatomical studies on the distal limb of camels.*"

Doctorate dissertations (Defensed)

1. Doctorate thesis of **Dr. Mohamed Kamal Marei Abdel-Maksoud**, Assistant lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, defense date in 10/2016. Thesis Title: "Descriptive and applied anatomy of the udder in goats."
2. Doctorate thesis of **Dr. Hebatallah Hamdi Mahmoud Sayed**, Assistant lecturer of Anatomy and Embryology, Faculty of Veterinary Medicine, Beni-Suef University, defense date in 5/2018. Thesis Title: "Preparation of anatomical learning modules using domestic and wild birds."

STUDENTS' ACTIVITIES:

Leader of "**THE BEST LIFE**" students' family at Faculty of Veterinary Medicine, Beni-Suef University, in the academic year 2014-2015.

CONFERENCES AND SCIENTIFIC EVENTS ATTENDANCE:

1. Fourth Scientific Conference of the Faculty of Veterinary Medicine, University of Beni-Suef entitled "*Future of the livestock in Egypt in light of the GATT*" in the period from September 24 to 27, 2005.
2. Annual Scientific Conference of the thirty-second of the Egyptian Society for Science anatomical at guesthouse of the faculty of Medicine, Ain Shams University on Thursday, December 4, 2008.
3. The Conference of Research Excellence: *Standards, Tasks and Societal Yield*, held at Beni-Suef University on Tuesday, June 17, 2014.
4. Conference of "*Egypt invents 2015*," held at University of Beni-Suef on March 8, 2015.
5. Symposium of "*Mechanisms of attracting visiting professors*," held at the Faculty of Veterinary Medicine, University of Beni-Suef on Sunday, 8 November 2015.
6. A seminar entitled "*Ethics and Guidelines for Use of animals in scientific research*," in session at Faculty of Veterinary Medicine, University of Beni-Suef on Tuesday, 8 December 2015.

FACULTY COMMITTEES PARTICIPATION:

1. Member of the committee of student union elections in the academic year 2011-2012.
2. Member of the committee on faculty cultural affairs from 2012-2013.

3. Member of the committee responsible to edit the rules of procedure amendment (graduate and postgraduate students) of the Faculty of Veterinary Medicine, Beni-Suef University based on a decision of the dean of the college in March 2013.
4. Program coordinator for the special Quality Assurance Unit Committees at the Faculty of Veterinary Medicine, Beni-Suef University, Egypt, from 2015-current.
5. Member of the committee on faculty Education and students' affairs from 2015-2017.
6. Member of the committee on faculty postgraduates affairs from 2018-current.

EDUCATIONAL TRAINING COURSES AND WORKSHOPS:

1. **Scientific Research and preparation of Scientific Proposals**, Faculty of Pharmacy, Beni-Suef University, on 18-22/07/2006.
 2. **Enhancement of effective communication skills**, Faculty of Pharmacy, Beni-Suef University, on 25-27/07/2006.
 3. **Education Technology Course**, Faculty of Pharmacy, Beni-Suef University, on 12-14/08/2006.
 4. **Enhancement of Interactive Display Skills**, Faculty of Pharmacy, Beni-Suef University, on 19-21/08/2006.
 5. **International Computer Driving License (I.C.D.L.)** approved by UNISCO organization on 23/08/2007 with Serial # UN 0704 6029.
 6. **Preparation of Scientific lecturer**, Faculty and Leadership Development Project (FLDP) at Beni-Suef University, on 26/8-11/9/2007.
 7. **Financial and legal aspects in college business**, Faculty and Leadership Development Project (FLDP) at Beni-Suef University, on 19-21/03/2011.
 8. **Effective Presentation Skills**, Faculty and Leadership Development Project (FLDP) at Beni-Suef University, on 22-24/03/2011.
 9. **Quality standards in the teaching process**, Faculty and Leadership Development Project (FLDP) at Beni-Suef University, on 5-7/04/2011.
 10. **Project preparation for competitive research funding**, Faculty and Leadership Development Project (FLDP) at Beni-Suef University, on 8-10/04/2011.
 11. **International publication of scientific research**, Faculty and Leadership Development Project (FLDP) at Beni-Suef University, on 15- 17/04/2011.
- Attend the training workshops of the National Authority for Quality Assurance and Accreditation of Education (NAQAAE) and approved by certificates for the training courses:**
12. **Institutional Self-Evaluation for Higher Education Institutions**, from 5-6 April 2014, approved from National Authority for Quality Assurance and Accreditation of Education.
 13. **Program specification and curriculum maps for Higher Education Institutions**, from 15-16 April 2014, approved from National Authority for Quality Assurance and Accreditation of Education.
 14. **The Effective Learning for Higher Education Institutions**, from 17-18 April 2014, approved from National Authority for Quality Assurance and Accreditation of Education.
 15. **External review for Higher Education Institutions**, from 26-27 April 2014, approved from National Authority for Quality Assurance and Accreditation of Education.
 16. **Strategic planning for Higher Education Institutions**, from 3-4 May 2014, approved from National Authority for Quality Assurance and Accreditation of Education.
 17. **Financial and legal aspects in college business**, Beni-Suef University Center of Human Resources Development, from 13-14/3/2016.
 18. **Effective presentation skills (Advanced)**, Beni-Suef University Center of Human Resources Development, from 15-16/3/2016.
 19. **Project preparation for competitive research funding**, Beni-Suef University Center of Human Resources Development, from 15-16/3/2016.
 20. **Credit hours**, Beni-Suef University Center of Human Resources Development, from 27-28/3/2016.
 21. **University Management**, Beni-Suef University Center of Human Resources Development, from 5-6/4/2016.

ACADEMIC COURSES:*** Master Degree:**

Faculty of Veterinary Medicine, Beni-Suef branch, Cairo University, December 2003.

Course	Course Title	hr/wk	Grades
General	Anatomy and Embryology	-	Very Good
13	General Histology	4	Very Good
163	Special Surgery (Organs Surgery)	5	Very Good
214	Computer Sciences	4	Very Good
Total Grade			Very Good

*** PhD Degree:**

Faculty of Veterinary Medicine, Beni-Suef University, December 2008.

Course	Course Title	hr/wk	Grades
2	Anatomical Techniques and Surface Anatomy	4	Excellent
3	Osteology and Arthrology	4	Excellent
4	Comparative Digestive System	4	Good
16	Histology and Histochemical Structure of the Digestive System	4	Very Good
Total Grade			Very Good