



جامعة كفر الشيخ
كلية الطب البيطري
قسم التشريخ و الأجنه

Curriculum Vitae



I-Personal Identity

Given name	ATIF MOHAMED AWAD HASAN
Surname	HASAN
Sex	Male
Date of birth	7th-August -1966
Nationality	Egyptian
Place of work	Department of Anatomy and Embryology, Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt
Current Position	Assistant Professor of Anatomy and Embryology
Address of work	El-Geish Street - 33516, Kafrelsheikh, Egypt
Telephone/Fax	+02-(0)47/3151437-3231609-3231311-Post No: 33516; Cell phone: 01025949137
Marital state	Married
Degrees	Bachelor (B.V.Sc) on 1989, Master (M.V.Sc) on 1995 and Doctor (PhD) on 2002 (Veterinary Sciences)
E-mail:	atif178@hotmail.com
Major Specialization:	Anatomy and Embryology
Minor Specialization:	Veterinary anatomy and embryology



II-Education

September-1984 to May-1989	Undergraduate student, Faculty of Veterinary Medicine, Zagazig University-Benha branch-Egypt
May-1990	Obtained License for Veterinarian
September-1992 to June-1995	Master Course Student (Anatomy and Embryology), Faculty of Veterinary Medicine, Kafrelsheikh University
June-1995	Obtained Master's degree of Veterinary Medicine, (Kafrelsheikh University-Egypt)
September-1997 to October-2002	Scholarship from the Egyptian Ministry of Higher Education: 1998–2002 to obtain PhD from Germany.
October-2002	Obtained PhD's degree PhD in Anatomy from Leipzig University, Germany.

III-Employment history:-

- **1991 – 1995:** Demonstrator of Anatomy at Dept. of Anatomy and Histology, Faculty of Vet. Medicine, Tanta University.
- **1995 – 2002:** Assistant Lecturer of Anatomy at Dept. of Anatomy and Histology, Faculty of Vet. Medicine, Tanta University.
- **2002 – 2008:** Lecturer of Anatomy at Dept. of Anatomy and Histology, Faculty of Vet. Medicine, Tanta University.
- **2008 – 2019:** Assistant Prof. of Anatomy and Embryology at Dept. of Anatomy and Embryology, Faculty of Vet. Medicine, Kafr El Sheikh University.
- **2020:** Professor of Anatomy and Embryology at Dept. of Anatomy and Embryology, Faculty of Vet. Medicine, Kafr El Sheikh University.

IV. Scholarships:

- Scholarship from the Egyptian Ministry of Higher Education: 1998–2002 to obtain PhD from **Germany**.
- Scholarship from the Egyptian Ministry of Higher Education: January-March. 2007 as researcher in the field of Molecular biology in **Germany**.



V. Personal skills:

a. Teaching courses:

- Veterinary Anatomy, Histology and Embryology
- Biology
- Medical terminology

b. Laboratory skills:

- Research on Experimental Animal Models (In-Vivo).
- Routine Anatomical and Histological Techniques.
- Molecular Biological Techniques (Immunohistochemistry, Protein and RNA isolation, Western Blot Analysis, PCR and In Situ Hybridizations).

c. Research field:

Environmental pollutants and their influence on fertility and reproduction.

VI. Scientific cooperation:

Prof. Dr. Dr. Bernd Fisher, Institute for Anatomy and Cell Biology, Martin-Luther-University, Germany.

VII. Scientific Societies Membership:

Membership of African Veterinary Anatomists Association

VIII-Languages: Fluent English and good German language.

IX-Publications:

1. *Pocar P, Augustin R, Hasan A, Fischer B (2000)* Immunolocalisation of arylhydrocarbon receptor (AhR) and ARNT in the female reproductive tract in cattle throughout the oestrus cycle. Joint Winter Meeting der Society for the Study of Fertility/Vereniging vor Fertilitestsstudie, Utrecht, Holland, 15. – 16. Dezember 2000; J. Reprod. Fert., Abstract 14, 8-9



2. Hasan, A, Fischer B (2001) Hormonal control of arylhydrocarbon receptor (AhR) expression in the preimplantation rabbit uterus. *Anat. Embryol.* 204, 189-196
3. Fischer, B, Hasan A, Kietz S, Pocar P (2001) Ah receptor expression and signal transduction in bovine and rabbit reproductive tissues and embryos. Annual Meeting of the British Society of Animal Science, York, England , April 2001; Proceedings of the British Society of Animal Science, Abstract 65
4. Hasan A, Fischer B (2003) Epithelial cells in the oviduct and vagina and Steroid-synthesizing cells in the rabbit ovary express AhR and ARNT. *Anat. Embryol.* 207, 9 – 18
5. Fayed MH, Ali M. A., and Hasan A. (2004) Histological and Histochemical Studies on The Epididymis of The Tupaiidae (Tree Shrews). *Kafr El-Sheikh Vet. Med. J.* Vol. 2 No. 2, 129-140
6. Hasan A, and kassab M (2004) Expression of arylhydrocarbon (Dioxin) receptor in chicken genital system during prelaying and laying periods. *Kafr El-Sheikh Vet. Med. J.* 2, 141 – 153
7. Kassab M and Hasan A (2005) Age-related histological changes in the pineal gland (Epiphysis Cerebri) of the dog. *Kafr El-Sheikh Vet. Med. J.* 3, 1 – 17
8. Mona AA and Hasan A (2005) Morphological and Histological studies on the tongue of Tilapia fish (*Oreochromis Niloticus*). *Assiut Vet. Med. J.* 51, 92 - 102
9. Atif Hasan, Mona A Ali and Galal A.E. Youssef (2006) S-100 Protein, α -Actin, Desmin and Vimentin are Expressed in Bovine Skin and Third Eyelid. An Immunohistochemical Study. *Kafr El-Sheikh, Vet. Med. J.* Vol.4, No.1: 941 - 956 The Second Scientific Congress (April, 2006).
10. Hasan A (2007) Arylhydrocarbon Receptor (AhR) Expression in Bovine Ovary and Uterus During Estrous Cycle and Early Pregnancy: An immunohistochemical study. *Kafr El-Sheikh Vet. Med. J.* Vol. 5 No. 2, 74 – 93



11. Hasan A (2007) An Immunohistochemical Study on Estrogen Receptor-Alpha (Er- α) Expression In The Rabbit Uterus During Early Pregnancy And Pseudopregnancy. *Kafr El-Sheikh Vet. Med. J.* Vol. 5 No. 2, 56 - 73
12. *Mahmoud Gewaily, Atif Hasan, Mohamed Kassab and Ali A Mansour* (2014) Gross anatomical and ultra structural microscopic studies on the nose of the Dromedary camel (*Camelus dromedaries*). *Kafr El-Sheikh Vet. Med. J.* Vol. 12 No. 2, 71 – 83
13. *Basma G. Eid, Hala Mosli, Atif Hasan and Hany M. El-Bassossy* (2017) Ginger Ingredients Alleviate Diabetic Prostatic Complications: Effect on Oxidative Stress and Fibrosis. *Evidence-Based Complementary and Alternative Medicine* Volume 2017.
14. *Basma Ghazi Eid, Abeer Hanafy and Atif Hasan* (2018) Aryl Hydrocarbon Receptor Is Expressed in the Prostate Gland of Lean and Obese Rats. *International Journal of Pharmacology*, 14 (7): 992-1000, 2018.
15. *Thikryat Neamatallah, Ashraf B. Abdel-Naim, Basma G. Eid and Atif Hasan* (2018) 2-Methoxyestradiol attenuates liver fibrosis in mice: implications for M2 macrophages. *Naunyn-Schmiedeberg's Archives of Pharmacology* <https://doi.org/10.1007/s00210-018-1577-2>
16. *Rasha Alshali1, Aziza Alrafiah, Ebtisam Al-ofi, Abeer Hanafy, Atif Hasan, Nora Bawaked, Amina Fallata* (2019) *Nigella sativa* protects Kidneys against Metabolic disorders induced by high fat diet in Rats. *Journal of Advanced Pharmacy Education & Research*, Vol 9, Issue 1, 125-133.
17. *Salsabeel Z. Basha, Gamal A. Mohamed, Ashraf B. Abdel-Naim, Atif Hasan & Ahmed Abdel-Lateff* (2019). Cucurbitacin E glucoside from *Citrullus colocynthis*



inhibits testosterone-induced benign prostatic hyperplasia in mice. Drug and Chemical Toxicology. <https://doi.org/10.1080/01480545.2019.1635149>

18. *Basma Ghazi Eid, Abeer Hanafy, Atif Hasan and Thikryat Neamatallah (2020).* Zingerone Enhances Fertility Markers in Both Male and Female Rats and Increases Aryl Hydrocarbon Receptor Expression. International Journal of Pharmacology 16(3):267-275.
19. *Eid, B.G.; Neamatallah, T.; Hanafy, A.; El-Bassossy, H.M.; Binmahfouz, L.; Aldawsari, H.M.; Hasan, A.; El-Aziz, G.A.; Vemuri, K.; Makriyannis, A.* Interference with TGF β 1-Mediated Inflammation and Fibrosis Underlies Reno-Protective Effects of the CB1 Receptor Neutral Antagonists AM6545 and AM4113 in a Rat Model of Metabolic Syndrome. Molecules 2021, 26, 866. <https://doi.org/10.3390/molecules26040866>
20. *Farrag FA, Morsy K, Hamdi H, Kassab M, Hassan A, Abdelmohdy F, Shukry M, Abumandour MMA, Fayed M.* Morphology of the lips, cheeks, and the hard palate of the Egyptian water buffalo (*Bubalus bubalis*): a focus on histological, histochemical, and ultrastructural aspects. Iran J Vet Res. 2021 Fall;22(4):298-309. doi: 10.22099/IJVR.2021.40728.5898. PMID: 35126537; PMCID: PMC8806174.
21. *Farrag FA, Mahmoud SF, Kassab MA, Hassan A, Abdelmohdy F, Shukry M, Abumandour MMA, Fayed M.* Ultrastructural features on the oral cavity floor (tongue, sublingual caruncle) of the Egyptian water buffalo (*Bubalus bubalis*): gross, histology and scanning electron microscope. Folia Morphol (Warsz).



2022;81(3):650-662. doi: 10.5603/FM.a2021.0061. Epub 2021 Jun 29. PMID: 34184751.

22. *Eid BG, Neamatallah T, Binmahfouz LS, Bagher AM, Alamoudi AJ, Aldawsari HM, Hanafy A, Hasan A, El-Bassossy HM, Abdel-Naim AB, Vemuri K, Makriyannis A.* Effects of the CB1 receptor antagonists AM6545 and AM4113 on metabolic syndrome-induced prostatic hyperplasia in rats. *Biomol Biomed.* 2023 May 19. doi: 10.17305/bb.2023.9173. Epub ahead of print. PMID: 37212036.

Presentations

1. *Hasan A, Küchenhoff A, Fischer B (1999)* Maternal and/or embryonic control of arylhydrocarbon receptor (AhR) expression in the preimplantation rabbit uterus. 32. Tagung über Physiologie und Pathologie der Fortpflanzung und 24. Veterinär-Humanmedizinische Gemeinschaftstagung, Hannover, Germany 18. - 19. Februar 1999; *Reprod. Dom. Anim.* 34, 11 (Poster)
2. *Hasan A, Fischer B (2001)* Effects of steroid hormones on the aryl hydrocarbon receptor (AhR) expression in the preimplantation rabbit uterus, 34. Tagung über Physiologie und Pathologie der Fortpflanzung und 24. Veterinär-Humanmedizinische Gemeinschaftstagung, Gießen, Germany
3. *Pocar P, Hasan A, Fischer, B. (2001)* Ah receptor expression in the female genital tract. 96. Versammlung der Anatomischen Versammlung, Münster, Germany 23. – 26. März 2001; *Verh.Anat.Ges./Ann.Anat.* 183, Supplementheft, 37-38
4. *Atif Hasan, Mona A. Ali and Galal A.E. Youssef (2006)* S-100 Protein, α -Actin, Desmin and Vimentin are Expressed in Bovine Skin and Third Eyelid. An



Immunohistochemical Study. The Second Scientific Congress of Faculty of Veterinary Medicine, Kafr elsheikh branch, Tanta university, Egypt, 6 - 8 May , 2006).

5. Hasan A (2008) Arylhydrocarbon Receptor (AhR) Expression in Bovine Ovary and Uterus During Estrous Cycle and Early Pregnancy: An immunohistochemical study. First scientific congress of African Association of Veterinary Anatomists, Cairo, Egypt 17-18 February 2008.