**C.V.**

**Doaa Mohammed Mokhtar**

**Personal Details Contact Details**

Nationality: Egyptian Department of Cell and Tissues

Date of birth: 5/11/ 1980 Faculty of Veterinary Medicine

Sex: female Assiut University, Egypt

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**Education**

**2007 – 2011:** Ph.D in animal Histology (comparative light- and electron- microscopic studies on gastrointestinal tract of carnivorous and herbivorous fish)

**2003 – 2006:** MSc degree in veterinary sciences, Department of Anatomy & Histology, Assiut University: Histomorphological studies on the ovaries and testis of *oreochromis niloticus.*

**1997– 2002:** B.Sc**.** degree in veterinary sciences, Assiut University, Egypt.

**Academic Position:**

**Current position:** Professor of animal histologyin the Department of Cell and Tissues, Faculty of Veterinary Medicine, Assiut University

**2016-2021:** Associate professor of animal histologyin the Department of Anatomy and Histology, Faculty of Veterinary Medicine, Assiut University

**2012-2016:** Lecturer of Histology of domestic animals, Department of Anatomy and Histology, Faculty of Veterinary Medicine, Assiut University.

**2007-2011:** Assistant Lecturer of Histology of domestic animals, Department of Anatomy and Histology, Faculty of Veterinary Medicine, Assiut University.

**2003-2006**: Demonstrator of Histology of domestic animals, Department of Anatomy and Histology, Faculty of Veterinary Medicine, Assiut University.

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<https://scholar.google.com/citations?view_op=list_works&hl=en&user=JDq3LzgAAAAJ&gmla=AJsN-F5oG-W3GNDrHLQV_if6GsDyzyyRX4okIirZn37339h_vv53h6m5lz_-IxfXjg9EP6RwAVlmSGhytpZ9U36D5cAr7wLmCCIG-YNhZWORdjq6pFeGfQo>

**Training courses:**

ICDL certificate.

Attendance of a number of Faculty and Leadership Development:

**Workshops:**

1. Teaching large classes, Microteaching

2. Effective teaching

3-Teaching with technology

3. Effective Presentation Skills

4. International publishing of research

5. Research ethics.

6. E- learning.

7-quality standards in teaching.

8-Analytical and creative thinking.

9-Effective presentation.

10. Principles of Nanotechnology

11. PCR and its applications

12. ''isolation, culturing and banking of mesenchymal stem cells from adipose tissue and compact bones'

13. 3D virtual labs.

14. ''Fundamentals of immunohistochemical staining''

**Language skills:**

**Native language**: Arabic.

**Second language**: English (Tofel certificate, good speaking and writing)

**Activities:**

**Teaching activities**: 2003– 2011: teaching responsibility in Assiut University, Faculty of veterinary medicine, anatomy and histology Department for undergraduate practical courses (General Histology of domestic animals, Histology of the body systems, Histology of avian, and Histology of fish).

 Teaching activity: 2011 till now

1- Teaching responsibility in Assiut University, Faculty of veterinary medicine, anatomy and histology Department for undergraduate and postgraduate courses (cytology, General Histology of domestic animals and Histology of the body systems).

* **Supervision on Ph.D theses:**

1-(Manal Tewfik Hussein), entitled**:** "Expression on the sonic hedgehog signaling components in the mouse midbrain during development".

2- (Marwa Mohammed Hussein), Titled: "Light and electron microscopic studies on the development rabbit lung".

3-(Madeha Ahmed Hashm), titled: "Histological studies on the skin of Sudanese duck during post-hatching period".

4-Ramy Kamal Ameen: titled" Morphology of skeletal and cardiac muscles in animals during aging".

5- Marwa Bakry Mohamed, entitled '' Pre- and post-hatching development of quail kidney: light and electron-microscopical studies.''

6-Sara Mahmoud Mohamed, titled '' Developing studies on kidney of rabbit''.

7-Melad Ibrahim Gergs, entitled '' Role of reelin and LIACM interaction in structural synaptic plasticity''.

* **Supervision on master theses**

1-(Fatma Alzahraa Ahmed Mostafa), titled: ''Development of liver in chicken''.

2-(Amr Taha Mohamed), titled: Histological examination of sausage and minced meat for detection of adulteration in Upper Egypt".

3-(Sara Mahmoud Mohamed), titled: "Histological and histochemical development of oviduct of quail".

4- (Inass Ali Ahmed), titled: "Protective effects of Melatonin Against Lipopolysacharride Induced Multiple Organs Dysfunction In Adult Male Rats".

5-Sahr Fadl Hashem, titled '' anatomical, histological, and histochemical studies with surface architecture of esophagus, crop, proventriculus in chicken during pre-and post-hatching periods.

6- Nora Ahmed AbdElaziz, entitled '' Morphological characteristics of the skin of silver carp fish.''

* **Reviewing of international journals**
* Editor in Frontiers in immunology
* Editor in Frontiers in Cell and Developmental biology
* Editor in Frontiers in Ecology and Evolution
* Editor in Cytology & Histology International Journal.
* Editor in Journal of Fisheries and Aquaculture Development.
* Editor in American Journal of Life Science Researches.
* Editor in Assiut Veterinary Medical Journal.
* Reviewer in Microscopy & Microanalysis
* Reviewer in Microscopy research and technique.
* Reviewer in European journal of Histochemistry.
* Reviewer in Cell Transplantation
* Reviewer in Anatomical Record Journal.
* Reviewer in journal of Cell Biology International.
* Reviewer in Asian Journal of Biology.
* Reviewer in Anatomia Histologia Embryologia.
* Reviewer in Ecotoxicology and Environmental Safety.
* Reviewer in international journal of molecular zoology.
* Reviewer in journal of microscopy and ultrastructure.
* Reviewer in BMC Veterinary Journal.
* Reviewer in Acta Zoologica.
* Member in Egyptian society of cattle diseases.
* Member in Egyptian society of histology and cytology

**Conferences and Meeting attendance:**

1. 15th Sci. Cong, Fac. Vet. Med., Assiut Univ., Egypt, 2012
2. 6th international global fisheries and aquaculture research conference, Khardaka, Egypt, 2013
3. 16th Sci. Cong, Fac. Vet. Med., Assiut Univ., Egypt, 2014.
4. 7th international Arabic conference for environment, Assiut, Egypt, 2014
5. 39th international histology and cytology conference, Assiut, Egypt, 2015.
6. 17th Sci. Cong, Fac. Vet. Med., Assiut Univ., Egypt, 2016
7. 2nd International Conference on Biological, Environmental Sciences & Applications, Khardaka, Egypt, 2018.
8. 44th international histology and cytology conference, 2020.
9. 19th Sci. Cong, Fac. Vet. Med., Assiut Univ., Egypt, 2024

**List of Publications:**

1. **Mokhtar DM.** Diversity and dynamics of fish ovaries: Insights into reproductive strategies, hormonal regulation, and ovarian development. Histol Histopathol. 2024 Jul 31:18802.
2. **Mokhtar, D.M**.; Zaccone, G.; Alesci, A.; Kuciel, M.; Hussein, M.T.; Sayed, R.K.A. Main Components of Fish Immunity: An Overview of the Fish Immune System. *Fishes* **2023**, *8*, 93. <https://doi.org/10.3390/fishes8020093>
3. Zaccone, G.; Mokhtar, D.M.; Alesci, A.; Capillo, G.; Albano, M.; Hussein, M.T.; Aragona, M.; Germanà, A.; Lauriano, E.R.; Sayed, R.K.A. (2024). From Proliferation to Protection: Immunohistochemical Profiling of Cardiomyocytes and Immune Cells in Molly Fish Hearts. Fishes 9, 283.
4. Awad, M., Sayed, R. K. A.,  
   Mohammadin, D., Hussein, M. M., & Mokhtar, D. M. (2024).  
   Structural characteristics and regenerative potential: Insights  
   from the molly fish spinal cord. Microscopy Research and  
   Technique, 1–11. https://doi.org/10.1002/jemt.24633
5. Hussein, M. T., Sayed, R. K. A., &  
   **Mokhtar, D. M.** (2024). Neuron mapping in the Molly fish optic  
   tectum: An emphasis on the adult neurogenesis process.  
   Microscopy Research and Technique, 1–19.
6. **Mokhtar, D.M.;** Abd-Elhafez, E.A.; Albano, M.; Zaccone, G.; Hussein, M.T. Exploring Cellular Dynamics in the Goldfish Bulbus Arteriosus: A Multifaceted Perspective. Fishes **2024**, 9, 203.
7. **Mokhtar, D.M.;** Albano, M.; Alonaizan, R.; Attaai, A. Retinal Structure of *Poecilia sphenops*: Photoreceptor Mosaics, Synaptic Ribbon Patterns, and Glial Cell Expressions. *Animals* **2024**, *14*, 939.
8. **Mokhtar, D. M.,** Alesci, A., Pergolizzi, S., & Zaccone, G. (2024). Light and electron microscopic observations on retinal neurons of red-tail shark (*Epalzeorhynchos bicolor* H. M. Smith, 1931). Microscopy Research and Technique, 87(5), 1009–1019.
9. Sayed, R.K.A.; Mokhtar, D.M.; Hashim, M.A.; Aly, A.S.; Zaccone, G.; Albano, M.; Alesci, A.; Abdellah, N. Immune Cell Profiling in the Ovarian Stroma of a Viviparous Fish during the Breeding Season: A Histological and Immunohistochemical Investigation. *Fishes* **2024**, *9*, 10
10. Mohamedien, D.; **Mokhtar, D.M.;** Abdellah, N.; Awad, M.; Albano, M.; Sayed, R.K.A. Ovary of Zebrafish during Spawning Season: Ultrastructure and Immunohistochemical Profiles of Sox9 and Myostatin. Animals **2023**, 13, 3362.
11. Alesci A, Capillo G, **Mokhtar DM,** Fumia A, D'Angelo R, Lo Cascio P, Albano M, Guerrera MC, Sayed RKA, Spanò N, Pergolizzi S, Lauriano ER. Expression of Antimicrobic Peptide Piscidin1 in Gills Mast Cells of Giant Mudskipper *Periophthalmodon schlosseri* (Pallas, 1770). Int J Mol Sci. 2022 Nov 8;23(22):13707. doi: 10.3390/ijms232213707.
12. Alesci A, Albano M, Savoca S, **Mokhtar DM**, Fumia A, Aragona M, Lo Cascio P, Hussein MM, Capillo G, Pergolizzi S, Spanò N, Lauriano ER. Confocal Identification of Immune Molecules in Skin Club Cells of Zebrafish (*Danio rerio*, Hamilton 1882) and Their Possible Role in Immunity. Biology (Basel). 2022 Nov 11;11(11):1653. doi: 10.3390/biology11111653.
13. Alesci A, Pergolizzi S, **Mokhtar DM**, Fumia A, Aragona M, Lombardo GP, Messina E, D'Angelo R, Lo Cascio P, Sayed RKA, Albano M, Capillo G, Lauriano ER. Morpho-structural adaptations of the integument in different aquatic organisms. Acta Histochem. 2023 Apr;125(3):152031. doi: 10.1016/j.acthis.2023.152031.
14. Hussein MM, Sayed RKA, and Mokhtar DM. (2023). Structural and immunohistochemical characterization of pancreas of Molly fish (*Poecilia sphenops*), with a special reference to its immune role. Microsc Res Tech. 86(12), 1667-1680.
15. Zaccone, G.; Alesci, A.; **Mokhtar, D.M.;** Aragona, M.; Guerrera, M.C.; Capillo, G.; Albano, M.; de Oliveira Fernandes, J.; Kiron, V.; Sayed, R.K.A.; et al. Localization of Acetylcholine, Alpha 7-NAChR and the Antimicrobial Peptide Piscidin 1 in the Macrophages of Fish Gut: Evidence for a Cholinergic System, Diverse Macrophage Populations and Polarization of Immune Responses. Fishes **2023**, 8, 43. https://doi.org/10.3390/fishes8010043
16. Elshahawy, A.M., Mahmoud, G.AE., **Mokhtar, D.M.** *et al.* The optimal concentration of silver nanoparticles in sterilizing fish skin grafts. *Scientific Reports* **12**, 19483 (2022). https://doi.org/10.1038/s41598-022-23853-y
17. **Mokhtar, D.M.;** Attaai, A.; Zaccone, G.; Alesci, A.; Alonaizan, R.; Hussein, M.T. Morphological Distribution Patterns and Neuroimmune Communication of Ganglia in Molly Fish (*Poecilia sphenops,* Valenciennes 1846). Fishes **2023**, 8, 289. https://doi.org/10.3390/fishes8060289
18. **Mokhtar, D.M**., Sayed, R.K.A., Zaccone, G. *et al.* The potential role of the pseudobranch of molly fish (*Poecilia sphenops*) in immunity and cell regeneration. *Sci Rep* **13**, 8665 (2023). <https://doi.org/10.1038/s41598-023-34044-8>.
19. Mokhtar DM. (2022). Functional morphology of cardiac stomach of Nile catfish *(Clarias gariepinus*): Histological, scanning, and ultrastructural studies. Microsc Res Tech. 85(5), 1845-1855.
20. Mokhtar, D.M.; Sayed, R.K.A.; Zaccone, G.; Albano, M.; Hussein, M.T. Ependymal and Neural Stem Cells of Adult Molly Fish (*Poecilia sphenops*, Valenciennes, 1846) Brain: Histomorphometry, Immunohistochemical, and Ultrastructural Studies. Cells **2022**, 11, 2659. https://doi.org/10.3390/cells11172659
21. Hussein, M.M., Sayed, R.K.A. & **Mokhtar, D.M.** Structural and immunohistochemical analysis of the cellular compositions of the liver of molly fish (*Poecilia sphenops*), focusing on its immune role. *Zoological Lett* **9**, 1 (2023). <https://doi.org/10.1186/s40851-022-00200-7>.
22. Mokhtar, D.M.; Hussein, M.M.; Zaccone, G.; Alesci, A.; Lauriano, E.R.; Sayed, R.K.A. Gills of Molly Fish: A Potential Role in Neuro-Immune Interaction. Fishes **2023**, 8, 195. <https://doi.org/> 10.3390/fishes8040195
23. Mokhtar DM, Hussein MM, Sayed RKA. (2022). Novel Identification and Microscopy of the Intestinal Bulb of Molly Fish (*Poecilia sphenops*) with a Focus on Its Role in Immunity. Microsc Microanal. 10, 1-13. doi:10.1017/S1431927622012089
24. Sayed, R.K.A.; Zaccone, G.; Capillo, G.; Albano, M.; **Mokhtar, D.M.** Structural and Functional Aspects of the Spleen in Molly Fish Poecilia sphenops (Valenciennes, 1846): Synergistic Interactions of Stem Cells, Neurons, and Immune Cells. Biology **2022**, 11, 779. https://doi.org/10.3390/biology11050779
25. **Mokhtar DM**, [Manal Tawfik Hussein Mohamed](https://www.researchgate.net/profile/Manal-Hussein-Mohamed?_sg%5B0%5D=Aa_zCZeJzmzwptByoiIKqk85oLN6IlvMxPkSZYWQ-rygDcMdlM8O0hlK-tQ1sWvFILl4GJQ.weQal3Tbq-7NbhNuoEmiSq2X8Wd-6yxHeH9vCt_p68-63q1zw7ZPs1f2hK-gD5-H5fTKHKCX_ABDUBgPQnPi7Q.Up9kN53P_A-xH8wySQ0mYn1B8S0kaL6Yah0wKH3WWhZQmzRmWcVtfJowEEaNgWAqTJATAWeuKqctg7fpJm5kjQ&_sg%5B1%5D=pgnj5dRboiyng_5Jdh2bZGtjd2mdmdHNia98ekbv7lx2VmGtEpXbw8WNQk0iUhv_uBCmiRM.X31nXl7WX3TaLl-b1UYIPTgzHEHgeatjvIdwjAjxWH9_ou_PcI6ATYNTZECWisNs1t8KLOEOo1Vm94_zTeCP4A), [Abdelraheim Attaai](https://www.researchgate.net/profile/Abdelraheim-Attaai-2?_sg%5B0%5D=Aa_zCZeJzmzwptByoiIKqk85oLN6IlvMxPkSZYWQ-rygDcMdlM8O0hlK-tQ1sWvFILl4GJQ.weQal3Tbq-7NbhNuoEmiSq2X8Wd-6yxHeH9vCt_p68-63q1zw7ZPs1f2hK-gD5-H5fTKHKCX_ABDUBgPQnPi7Q.Up9kN53P_A-xH8wySQ0mYn1B8S0kaL6Yah0wKH3WWhZQmzRmWcVtfJowEEaNgWAqTJATAWeuKqctg7fpJm5kjQ&_sg%5B1%5D=pgnj5dRboiyng_5Jdh2bZGtjd2mdmdHNia98ekbv7lx2VmGtEpXbw8WNQk0iUhv_uBCmiRM.X31nXl7WX3TaLl-b1UYIPTgzHEHgeatjvIdwjAjxWH9_ou_PcI6ATYNTZECWisNs1t8KLOEOo1Vm94_zTeCP4A), Gamal Kamel (2021) Spatiotemporal expression of sonic hedgehog signalling molecules in the embryonic mesencephalic dopaminergic neurons. Gene Expression Patterns.
26. **Mokhtar DM**, Abd-Elhafez EA, Hassan AHS (2021) Microanalysis of the Intestinal Bulb of Grass Carp (*Ctenopharyngodon Idella*): Histological, Histochemical, Immunohistochemical, and Scanning Electron Microscopical Studies. Microscopy & Microanalysis, 27: 1564-1572.
27. RKA Sayed, NA Abd‐El Aziz, IA Ibrahim, **DM Mokhtar**‏ (2021) [Structural, ultrastructural, and functional aspects of the skin of the upper lip of silver carp (*Hypophthalmichthys molitrix*)‏](https://scholar.google.com/citations?view_op=view_citation&hl=ar&user=JDq3LzgAAAAJ&cstart=20&pagesize=80&citation_for_view=JDq3LzgAAAAJ:j3f4tGmQtD8C). Microscopy Research and Technique 84 (8): 1821-1833.
28. HI Kotb, AM Abedalmohsen, AF Elgamal, **DM Mokhtar,** RB Abd-Ellatief‏ (2021) p[reemptive Stem Cells Ameliorate Neuropathic Pain in Rats: A Central Component of Preemptive Analgesia‏](https://scholar.google.com/citations?view_op=view_citation&hl=ar&user=JDq3LzgAAAAJ&cstart=20&pagesize=80&citation_for_view=JDq3LzgAAAAJ:4JMBOYKVnBMC). Microscopy and Microanalysis 27 (2), 450-456.
29. **DM Mokhtar,** EA Abdelhafez‏ (2021). A[n overview of the structural and functional aspects of immune cells in teleosts.‏](https://scholar.google.com/citations?view_op=view_citation&hl=ar&user=JDq3LzgAAAAJ&cstart=20&pagesize=80&citation_for_view=JDq3LzgAAAAJ:RHpTSmoSYBkC)Histology and Histopathology, 36 (4): 399-414.
30. Ramy K. A. Sayed, Marisol Fernández-Ortiz, María E. Diaz-Casado, Iryna Rusanova, Ibtissem Rahim, Germaine Escames, Luis C. López, **Doaa M. Mokhtar,** and Darío Acuña-Castroviejo (2018) The Protective Effect of Melatonin Against Age-Associated, Sarcopenia-Dependent Tubular Aggregate Formation, Lactate Depletion, and Mitochondrial Changes. Journals of Gerontology series A Biological Sciences and Medical Sciences, 73, (10): 1330–1338.
31. Abu Ali, A. M., **Mokhtar, D. M.,** Ali, R. A., Wassif, E.T. & Abdalla, K. E. H. (2019) Cellular elements in the developing caecum of Japanese quail (*Coturnix coturnix japonica*): morphological, morphometrical, immunohistochemical and electron-microscopic studies. Scientific reports 9, 16241.
32. **Doaa M. Mokhtar**, Manal T. Hussein, Marwa M. Hussein, Enas A. Abd-Elhafez and Gamal Kamel (2019): New Insight into the Development of the Respiratory Acini in Rabbits: Morphological, Electron Microscopic Studies, and TUNEL Assay. J. Microscopy and Microanalysis. 25, 769–785
33. Fatma E l-Zahraa A. Mustafa, Fatma M. Abdel-maksoud, A. H. S. Hassan & **Doaa M. Mokhtar** (2020) Melatonin induces a stimulatory action on the scrotal skin components of Soay ram in the non-breeding season. Scientific reports 10 (10154).
34. **Doaa M Mokhtar** (2020) The structural and ultrastructural organization of the cellular constituents of the trunk kidney of grass carp (Ctenopharyngodon idella). Microscopy research and technique.
35. **Doaa M Mokhtar (2020)** Patterns of organization of cerebellum and spinal cord of Red-tail shark (Epalzeorhynchos bicolor): Histological, morphometrical, and immunohistochemical studies. Microscopy and Microanalysis,
36. **Doaa M Mokhtar (2020)** Histological and ultrastructural studies of the unique hemopoietic-endocrine organ of Grass carp, *Ctenopharyngodon idella* (Valenciennes, 1844). Microscopy and Microanalysis,
37. Ramy K. A. Sayed, **Doaa M. Mokhtar,** Marisol Fernández-Ortiz, Germaine Escames, Darío Acuña-Castroviejo (2019) Retinoid-related orphan nuclear receptor alpha (RORα)-deficient mice display morphological testicular defects. Laboratory Investigation. 99, 1835-1849.
38. Ramy K. A. Sayed, **Doaa M. Mokhtar,** Marisol Fernández-Ortiz, José Fernández-Martínez, Paula Aranda-Martínez, Germaine Escames, Darío Acuña-Castroviejo (2020) Lack of retinoid acid receptor-related orphan receptor alpha accelerates and melatonin supplementation prevents testicular aging. Aging-US, 12. 1-21
39. **Doaa M Mokhtar:** (2021) '' Fish Histology: From Cells to Organs''. 2nd ed. Apple Academic press. Canada. ISBN 978177188452  
    http://www.appleacademicpress.com/fish-histology-2nd-edition-from-cells-to-organs/9781771889452
40. **Doaa M Mokhtar:** (2017) '' Fish Histology: From Cells to Organs''. 1st ed. Apple Academic press. Canada. ISBN 9781771885898 <https://www.crcpress.com/Fish-Histology-From-Cells-to-Organs/Mokhtar/p/book/9781771885898>
41. **Doaa M. Mokhtar** and Marwa M. Hussein (2020) Microanalysis of Fish Ovarian Follicular Atresia: A Possible Synergic Action of Somatic and Immune Cells. Microscopy and Microanalysis, 26, 599–608.
42. **Doaa M Mokhtar** & Marwa M Hussein (2020) Cellular elements organization in the trachea of mallard (Anas platyrhynchos) with a special reference to its local immunological role. Protoplasma 257:407–420
43. Manal T Hussein, **Doaa M Mokhtar,** A.H.S Hassan (2020) Melatonin activates the vascular elements, telocytes, and neuro-immune communication in the adrenal gland of Soay rams during the non-breeding season. Protoplasma 257:353–369.
44. Ibrahim IA, **Doaa M. Mokhtar**, Sahar Fadl (2019) The morphological development of the proventriculus of Dandarawi chick: light and electron microscopic studies. Morphologie. 104 (344): 1-19.
45. Abu Ali, A. M., **Mokhtar, D. M.,** Ali, R. A., Wassif, E.T. & Abdalla, K. E. H. (2019). Morphological characteristics of the developing cecum of Japanese quail (*Coturnix coturnix japonica*). *Micros. Microanal.* **25,** 1017-1031.
46. **Doaa M. Mokhtar** , Marwa M. Hussein (2019) Morphological characteristic and functional dependencies of dendritic cell in developing rabbit lung during fetal and neonatal life. Developmental Biology 454: 29-43
47. Marwa M. Hussein, **Doaa M. Mokhtar** (2018) The roles of telocytes in lung development and angiogenesis: An immunohistochemical, ultrastructural, scanning electron microscopy and morphometrical study. Developmental Biology 443: 137–152.
48. **Doaa M Mokhtar** (2018) Cellular and stromal elements organization in the liver of grass carp, Ctenopharyngodon idella (Cypriniformes: Cyprinidae). Micron 112: 1-14.
49. **Doaa M. Mokhtar,** Doaa M. Abd-Elaziz, Hussein Youssef, and Amr Taha (2018) Applied Histological and Chemical Analysis for Detection of Adulteration of Minced Meat and Sausage. J advanced Microscopy Research 13: 1-9.
50. **Doaa M. Mokhtar**, Manal T. Hussein, and Ahmed H. S. Hassan (2017) Melatonin Elicits Stimulatory Action on the Adrenal Gland of Soay Ram: Morphometrical, Immunohistochemical, and Ultrastructural Study. Microsc. Microanal. 23, 1173–1188.
51. **Mokhtar DM,** Abd-Elhafez EA, Hassan AHS (2017) Histology, Histochemistery and Surface Architecture of the Rectum of Grass Carp (Ctenopharyngodon idella). Journal of Advanced Microscopy Research Vol. 12, 1–5, 2017
52. Ramy K.A. Sayed, Erika Chacin de Leonardis, José A. Guerrero-Martínez, Ibtissem Rahima, **Doaa M. Mokhtar,** Abdelmohaimen M. Saleh, Kamal E.H. Abdalla c, María J. Pozo d, Germaine Escames, Luis C. López, Darío Acuña-Castroviejo (2016) Identification of morphological markers of sarcopenia at early stage of aging in skeletal muscle of mice. Experimental Gerontology 83: 22–30
53. Hanan H. Abd-Elhafeez, **Doaa M. Mokhtar**, Ahmed H.S. Hassan: (2017). Effect of Melatonin on Telocytes in the Seminal Vesicle of the Soay Ram: An Immunohistochemical, Ultrastructural and Morphometrical Study. Cells Tissues Organs, 203, 29-54.
54. **Doaa M. Mokhtar,** Hanan H Abd-Elhafeez, Abou-Elmagd A. and A.H.S. Hassan. (2016): Melatonin administration induced reactivation in the seminal gland of the Soay rams during non-breeding season: An ultrastructural and morphometrical study. Journal of Morphology 277:231–243.
55. **Doaa M. Mokhtar** and Enas A. Abd-Elhafez. (2016). Morphological Studies on the Peripheral Circulation of the Ovary in One-Humped Camel (Camelus dromedarius). Anatomia Histologia Embryologia.45, 319-328.
56. **-Doaa M. Mokhtar***.*(2015*)* Histological, histochemical and ultrastructural characterization of the pancreas of the grass carp *(Ctenopharyngodon idella). European Journal of Anatomy 19 (2): 145-153*
57. Ibrahim IA, Ahmed AK, **Doaa M Mokhtar**, Desoky MME (2015) Gross and Microanatomical Studies on the Uterus of Japanese Quail (*Coturnix japonica*) During the Post-hatching Period with Special Emphasis on Sperm Host Gland. J Veterinary Science and Technology 6: 272.
58. **Doaa M. Mokhtar** and Hanan H. Abd-Elhafeez: Light- and electron-microscopic studies of olfactory organ of Red-tail shark, Epalzeorhynchos bicolor (Teleostei: Cyprinidae). Journal microscopy and ultrastructure; 2014; 2 (3): 182-195.
59. **Doaa M. Mokhtar**: Comparative Structural Organization of Skin in Red-Tail Shark (Epalzeorhynchos Bicolor) and Guppy (Poecilia Reticulata). Journal Aquaculture Research and Development, 2015, 6 (6).
60. **Doaa M. Mokhtar:** Microscopic and histochemical characterization of the bovine uterine tube during the follicular and luteal phases of estrous cycle. Journal microscopy and ultrastructure; 2015; 3 (2) 44-52.
61. **Doaa M. Mokhtar,** Enas A. Abd-Elhafez, Hassan, A.H.S. and Fatma A. Mostafa, 2013. Histogenesis of Liver of Dandarawi Chicken. American Journal of Life Science Research Vol. 1, Issue 2, 47-58.
62. Hanan H. Abd-Elhafeez and **Doaa M. Mokhtar:** Comparative Morphological Study of Lips and Associated Structures of Two Algal Grazer Fish. Advanced microscopy research 2014; 9 (3):1-10
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