

Suez Canal University

Faculty of Veterinary Medicine

Department of Surgery, Anesthesiology & Radiology

List of Publications

Name	Mahmoud Fathy Ahmed Aly
Present Professional Position	Lecturer of Veterinary Surgery, Anesthesiology and Radiology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.
Tel.	0020-01064410606 mobile
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E-mail	ma_vet80@yahoo.com mahmoud_ali@vet.suez.edu.eg
Publications	1-Evaluation of using two anticollagenolytics (Acetylcysteine 3% & autologus blood serum) in treatment of corneal ulcer in dogs. Awad, M.A.; Ahmed, I.H; Shekidef, M.H; Ibrahim, A. and Ahmed, M.F. (Dec. 2011).Suez Canal University Veterinary Medical Journal. 16 (1). 2-Evaluation of human amniotic membrane transplantation and 360-degree bulbar conjunctival flap in treatment of corneal ulcer in dogs. Mahmoud F. Ahmed, Mohammed H. Shekidef, Waleed A. Ghobashy, Abdelazim, M. Ibrahim, Ibrahim H. Ahmed and Mohammad A. Awad. (2012) Journal of Egyptian ophthalmological society. 105 (1). 3-Basing RNA-seq explored the regulatory mechanism of the carbohydrate metabolism pathways during chicken male germ cell differentiation. Chao Lian, Qisheng Zuo, Dong Li, Lei Zhang, Mahmoud F. Ahmed, Tianrong Xiao, Beibei Tang, Yingjie Wang, Kai Jin, Yani Zhang, Bichun Li (2015) In Vitro Cellular & Developmental Biology - Animal. 51: 7. 4-Regulatory mechanism of protein metabolic pathway during the differentiation process of chicken male germ cell. Dong Li, Qisheng Zuo, Chao Lian, Lei Zhang,

Qingqing Shi, Zhentao Zhang, Yingjie Wang,
Mahmoud F. Ahmed, Beibei Tang, Tianrong Xiao,
 Yani Zhang, Bichun Li (2015) In Vitro Cellular & Developmental Biology - Animal. 51: 7.

5- Regulation of hedgehog signaling in chicken embryonic stem cells differentiation into male germ cells (gallus). Hao Chen, Qisheng Zuo, Yinjie Wang, **Mahmoud F. Ahmed**, Kai Jin, Jiuzhou Song, Yani Zhang, Bichun Li (2017) Journal of Cellular Biochemistry. 118:6.

6- Regulation of crucial lnc RNA s in differentiation of chicken embryonic stem cells to spermatogonia stem cells. D. Li, Y. Ji, F. Wang, Y. Wang, M. Wang, C. Zhang, W. Zhang, Z. Lu, C. Sun, **M. F. Ahmed**, N. He, K. Jin, S. Cheng, Y. Wang, Y. He, J. Song, Y. Zhang, and B. Li (2017) Animal genetics. 48:2.

7- Hsd3b2 associated in modulating steroid hormone synthesis pathway regulates the differentiation of chicken embryonic stem cells into spermatogonial stem cells. Chen Zhang, Man Wang, Nana He, **Mahmoud F. Ahmed**, Yilin Wang, Ruifeng Zhao, Xinjian Yu, Jing Jin, Jiuzhou Song, Qisheng Zuo, Yani Zhang, Bichun Li (2018) Journal of Cellular Biochemistry. 119:1.

8-Regulation of fibroblast growth factor 8 (FGF8) in chicken embryonic stem cells differentiation into spermatogonial stem cells. Man Wang, Chen Zhang, Chuanli Huang, Shaoze Cheng, Nana He, Yilin Wang, **Mahmoud F. Ahmed**, Ruifeng Zhao, Jing Jin, Qisheng Zuo, Yani Zhang, Bichun Li (2018) Journal of Cellular Biochemistry. 119:2.

9- The establishment of clonally derived chicken embryonic fibroblast cell line (CSC) with high transfection efficiency and ability as a feeder cell. Ruifeng Zhao, Jing Jin, Xinyu Sun, Kai Jin, Man Wang, **Mahmoud F. Ahmed**, Qisheng Zuo, Yani Zhang, Zhenhua Zhao, Guohong Chen, and Bichun

Li (2018) Journal of Cellular Biochemistry. 119:11.

10- NICD-mediated notch transduction regulates the different fate of chicken primordial germ cells and spermatogonial stem cells. Qisheng Zuo, Chen Zhang, Kai Jin, Jin Jing, Changhua Sun, **Mahmoud F. Ahmed**, Jiuzhou Song, Yani Zhang, Guohong Chen, and Bichun Li (2018) Cell & Bioscience 8:40.

11- Direct conversion of mouse embryonic fibroblast to osteoblast cells using hLMP-3 with Yamanaka factors. **Mahmoud F. Ahmed**, Ahmed Kamel El-Sayed, Hao Chen, Ruifeng Zhao, Kai Jin, Qisheng Zuo, Yani Zhang, and Bichun Li (2019) International Journal of Biochemistry & Cell Biology 106: 84:95.

12- Comparison between curcumin and All-trans retinoic acid in osteogenic differentiation of mice bone marrow mesenchymal stem cell. **Mahmoud F. Ahmed**, Ahmed Kamel El-sayed, Hao Chen, Ruifeng Zhao, Mohamed S. Yusuf , Qisheng Zuo, Yani Zhang, and Bichun Li (2019) Experimental and therapeutic medicine. 17(5): 4154–4166.

13- Identification and Generation of Transgenic Mice and Goats with Capra hircus SCD1 Gene. Kai Jin, Chen Chen, Xinyu Sun, Caiye Zhu, **Mahmoud F. Ahmed**, Qisheng Zuo, Jiuzhou Song and Bichun Li (2021) Pakistan J. Zool., pp 1-9.

14- Effect of valporic acid, 5-azacytidine and ascorbic acid on generation of induced pluripotent stem cells using mRNAs of Yamanaka factors. **Mahmoud F. Ahmed**, Ahmed Kamel El-Sayed, and Bichun Li (under publication).