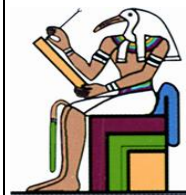




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## وحدة ضمان الجودة



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### Curriculum Vitae

#### personal Information

<b>Name</b>	Marwa Mohamed Salah El Din Ibrahim Khattab	
<b>Title</b>	Associate professor of Pathology, Veterinary Medicine, Cairo University	
<b>Date of birth</b>	23/1/1984	
<b>Place of birth</b>	Cairo, Egypt	
<b>Citizenship</b>	Egyptian	

#### Contact Information

<b>Home phone</b>	02- 25166412
<b>Work phone</b>	0235720799
<b>Mobile phone</b>	01001276469
<b>E-mail (s)</b>	<a href="mailto:marwakhattab@cu.edu.eg">marwakhattab@cu.edu.eg</a> marimar_topaz@yahoo.com
<b>Web site (s)</b>	<a href="http://scholar.cu.edu.eg/?q=content/marwa-khattab">scholar.cu.edu.eg/?q=content/marwa-khattab</a>
<b>Current Address</b>	22, 200 street, Degla, El Maadi, Cairo, Egypt

#### Educational Qualifications

Ph. D., Faculty of Veterinary Medicine, Cairo University, 2015
M. Sc., Faculty of Veterinary Medicine, Cairo University, 2010
B. Sc., Faculty of Veterinary Medicine, Cairo University, 2007

#### Academic Positions

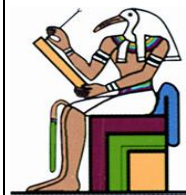
Assistant lecturer, Pathology Department, Faculty of Veterinary Medicine, Cairo University 2020
Lecturer, Pathology Department, Faculty of Veterinary Medicine, Cairo University, 2015
Assistant lecturer, Pathology Department, Faculty of Veterinary Medicine, Cairo University, 2010
demonstrator, Pathology Department, Faculty of Veterinary Medicine, Cairo University, 2007

#### Thesis Title



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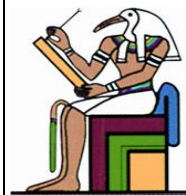
جامعة القاهرة

<b>M. Sc.</b>	<b><i>Pathogenesis of low pathogenic strain of avian influenza virus (H9N2) in immunocompromised chickens</i></b>
<b>Ph. D.</b>	<b><i>Comparative pathological study on the therapeutic effect of camel's milk, turmeric extract and cisplatin on induced hepatocarcinogenesis in rats</i></b>
<b>Areas of experience</b>	
Avian Pathology Fish Pathology Toxicological pathology Pathology of Hepatocellular carcinoma Immunohistochemistry	
<b>Projects</b>	
Researcher in finished project entitled “Low Cost decentralized Sewage water Treatment in Egypt For use in Agriculture and Producing safe Fish and Animal Proteins”  PI in running project entitled “Study on Skin diseases affecting Leather industry in Egypt” funded by the STDF.	
<b>Awards</b>	
1-Best undergraduate students’ prize from Faculty of Veterinary Medicine, Cairo University May 2004 2- Certificate of appreciation from Cairo University for publishing articles in international journals 2015 3- Certificate of appreciation from Cairo University for publishing articles in international journals 2017 4- Certificate of appreciation from Cairo University for publishing articles in international journals 2018	



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5- Certificate of appreciation from Cairo University for publishing articles in international journals 2019

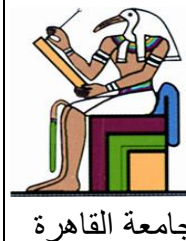
### **Professional Qualifications**

#### **Conferences**

- 1- Participated in the 2<sup>nd</sup> scientific conference "University Youth on the road of scientific research" held in Veterinary Medicine, Cairo University 12 March 2006.
- 2- Attended and Participated in the International scientific Conference of Pathology Department, Sheraton Dreamland Hotel and Conference Center, 6 October, Egypt (25- 27 April 2013)
- 3- Attended and Participated in the scientific sessions and activities of the 18<sup>th</sup> scientific conference organized by Egyptian Veterinary Medical society for pathology and clinical pathology (2013)
- 4- Participated and presented a research entitled "camel milk inhibits murine hepatocarcinogenesis initiated by diethylnitrosamine and promoted by phenobarbitone" in the 4<sup>th</sup> international scientific conference of the Faculty of Veterinary Medicine, Cairo University held in Alexandria, Egypt (25-28 October, 2014)
- 5- Attended and actively participating in the 13<sup>th</sup> scientific conference (5<sup>th</sup> international) held in Cairo University and Hurghada during February 1-5, 2016-03-29
- 6- Attended the International Nanotechnology Summit on 14/03/2018, British University, El-Sherouk City, Egypt.
- 7- Attended the 6<sup>th</sup> international conference of Faculty of Veterinary Medicine, Cairo University held in Ain El Sokhna during August 2018
- 8- Attended the annual scientific meeting joint congress of the European Society of Veterinary Pathology and European college of Veterinary Pathology held in Cluj-Napoca, Romania (5<sup>th</sup> -8<sup>th</sup> September 2018) with poster presentation.
- 9- Attended the 1<sup>st</sup> international conference of Nanotechnology (Theory and application) held in Mariotte Hotel, Zamelek, Egypt (10<sup>th</sup> – 13 December 2018).
- 10- Global summit on regulatory science 2019. Nanotechnology and nanoplastics. 24-26 September 2019. Lago Maggiore, Italy.
- 11- Attended the 8<sup>th</sup> international conference of veterinary research division. National Research Centre, Giza, Egypt, December 3-5, 2019
- 12- Davis-Thompson Foundation and Arab Association of Veterinary Pathologists (AAVP) First Regional Virtual Gross Seminar of Animal Diseases 17 - 20 June 2021



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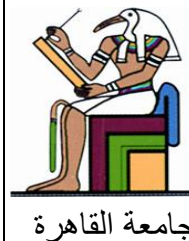
### **13- Challenges of microplastics analysis – Bridging state of the art and policy needs” (9 September 2021).**

#### **Training courses**

- 1- Attended workshop on “hazard analysis and critical control point (HACCP) system” held on 6-10 May 2007, in regional Center For Safety and quality of Food stuffs (Robert Von Ostertag Service Laboratory) Cairo, Egypt**
- 2- Attended a training course “Scientific Publication” in Faculty and Leadership Development Center, Cairo University which was held from 14- 16 January 2008**
- 3- Attended a training course “Using Technology in Teaching” in Faculty and Leadership Development Center, Cairo University which was held from 6- 8 July 2009**
- 4- Attended a training course “Effective Teaching Skills” in Faculty and Leadership Development Center, Cairo University which was held from 20- 22 November 2010**
- 5- Attended a training course “Recent trends in Teaching” in Faculty and Leadership Development Center, Cairo University which was held from 27- 29 November 2010**
- 6- Attended a training course “Credit Hours systems ” in Faculty and Leadership Development Center, Cairo University which was held from 31May- 2 June 2010**
- 7- Attended a training course “Managing Research Team” in Faculty and Leadership Development Center, Cairo University which was held from 11- 13 January 2010**
- 8- Attended TOEFL training and passed the exam successfully (2010).**
- 9- Attended a training course “Time and Conference Management” in Faculty and Leadership Development Center, Cairo University which was held from 15- 17 March 2011**
- 10- Attended a training course “University Code of Ethics” in Faculty and**



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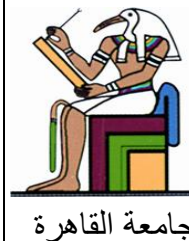


**Leadership Development Center, Cairo University which was held from 8- 10 November 2012**

- 11- Attended a training course “Legal & Financial Aspects in University Environment” in Faculty and Leadership Development Center, Cairo University which was held from 28- 30 April 2013**
- 12- Attended a training course “Exams and Students Evaluation systems” in Faculty and Leadership Development Center, Cairo University which was held from 26- 27 August 2013**
- 13- Attended a training course “International Publishing of Scientific Research” in Faculty and Leadership Development Center, Cairo University which was held from 27- 28 January 2014**
- 14- Attended a training course for research ethics in Faculty and Leadership Development Center, Cairo University which was held from 8-9 November 2014**
- 15- Attended workshop “1st CL Davis Middle East Division Symposium Pathology of Domestic and laboratory Animals, Cairo-Egypt 21-24 March 2015”**
- 16- Attended workshop “water quality, methods of diagnosis and treatment of fish diseases and basics of applied and clinical nutrition in aquaculture-disease diagnosis and histopathology of fish” held on 18 May 2015 in Veterinary Medicine, Cairo University.**
- 17- Attended a Workshop “Course Specification” held in Quality assurance center, Veterinary Medicine, Cairo University dated 14 November 2015**
- 18- Attended a training course “Effective Presentation Skills” in Faculty and Leadership Development Center, Cairo University which was held from 9- 10 March 2015**
- 19- Attended a training course “Competing for Research Funds” in Faculty and Leadership Development Center, Cairo University which was held from 30- 31 December 2015**



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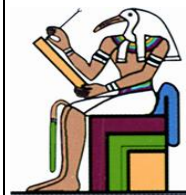


- 20- Attended a Workshop "Advanced Techniques in Molecular and Pathobiology". Immunohistochemistry, image analysis and In situ hybridization. Salah Deeb`S Histological Lab. In Cooperation with Poultry Diseases Department, 2015.
- 21- Training Course on Manufacture of Some Dairy Products under Hygienic Condition, Faculty of Veterinary Medicine, Cairo University, May 2016
- 22- Application of proteomics in Animal sciences and Dairy food, National Research Centre, Giza, Egypt. 13 December 2017
- 23- Electron Microscope Uses and Applications, Transmission Electron Microscope Lab, Cairo University Research Park, 12 April, 2018
- 24- Attended a training course "Change Management" in Faculty and Leadership Development Center, Cairo University which was held from 4-5 June 2018
- 25- Attended a training course "Statistical analysis of Bio-experiments" in Faculty and Leadership Development Center, Cairo University which was held from 8-9 October 2018
- 26- Scientific Picture Enhancement and Analysis by Image –J and Photoshop. Center of Excellence in Molecular and cellular medicine. Faculty of Vet. Med. Suez University. 14-15 January 2019.
- 27- Attended a training course "creative thinking" in Faculty and Leadership Development Center, Cairo University which was held from 6-7 February 2019
- 28- Attended a training course "critical thinking" in Faculty and Leadership Development Center, Cairo University which was held from 22-23 June 2019
- 29- Attended a training course "interactive electronic courses" in Faculty and Leadership Development Center, Cairo University which was held from 16-17 September 2019
- 30- Attended a training course "essentials of integrated education" in Faculty and Leadership Development Center, Cairo University which was held



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from 23-24 June 2021

- 31- Attended a training course "Assessment and evaluation methods" in Assessment and evaluation unit. 29/5/2021

### Computer Skills

- 1- Excellent command of Microsoft Office (Word, Excel, Powerpoint)
- 2- Good command of SPSS
- 3- Excellent command of Ulead, TS view, Microsoft picture manager
- 4- Good command of photoshop

### Language Skills

- 1- Excellent command of spoken and written English
- 2- Good command of spoken and written French

### Professional Memberships

- 1 - Staff of pathology Dept. Faculty of Vet. Med., Cairo Univ.
- 2- Veterinary syndicate.
- 3- Egyptian Veterinary Medical Society of pathology and clinical pathology.

### Other activities

A member of the board of Egyptian Veterinary Medical Society of pathology and clinical pathology.

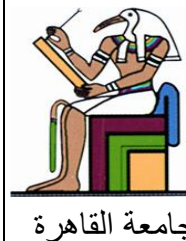
### List of publications

- 1- Hala MF El Miniawy, Kawkab A Ahmed, Ahmed A El-Sanousi, Marwa M Salah Khattab. (2014) Effect of aflatoxin induced immunosuppression on pathogenesis of H9N2 avian influenza virus. Pak Vet J 34 (2), 234-238
- 2- Hala MF El Miniawy, Kawkab A Ahmed, Mohamed A Tony, Sameeh A Mansour, Marwa M Salah Khattab (2014). Camel milk inhibits murine hepatic carcinogenesis, initiated by diethylnitrosamine and promoted by phenobarbitone. International Journal of Veterinary Science and Medicine 2 (2), 136-141.





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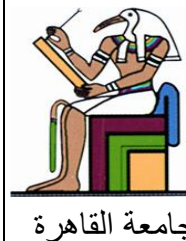


- 3- Reham Samir, Salma H Hussein, Noha M Elhosseiny, Marwa S Khattab, Alaa E Shawky, Ahmed S Attia (2016). Adaptation to Potassium-Limitation Is Essential for *Acinetobacter baumannii* Pneumonia Pathogenesis. The Journal of infectious diseases 214 (12), 2006-2013.
- 4- Hossny A El Banna, Shalaby MA , Gehan M Kamel , Ahmed M Galal , Marwa S Khattab, Azza M Zakaria (2016). Reproductive Toxicity of Deltamethrin in Male Rats and the Protective Role of Vitamin E. The Pharmaceutical and Chemical Journal, 3(3):54-60.
- 5- Nisreen E. Mahmoud, M.M.Fahmy, Mai Abuowarda.M and Marwa S. Khattab (2016). Parasitic Cymothoid Isopods and their Impacts in Commercially Important Fishes From Lake Qarun, Egypt. International Journal of ChemTech Research Vol.9, No.12 pp 221-229
- 6- Haithem A Farghali, Naglaa A AbdElKader, Marwa S Khattab, Huda O AbuBakr (2017). Evaluation of subcutaneous infiltration of autologous platelet-rich plasma on skin-wound healing in dogs. Bioscience reports 37(2).
- 7- Hala MF El Miniawy, Kawkab A Ahmed, Sameeh A Mansour, Marwa M Salah Khattab (2017). In vivo antitumour potential of camel's milk against hepatocellular carcinoma in rats and its improvement of cisplatin renal side effects. Pharmaceutical biology 55 (1), 1513-1520.
- 8- Haithem A Farghali, Naglaa A AbdElKader, Marwa S Khattab, Huda O AbuBakr (2017). Novel approach to gastric mucosal defect repair using fresh amniotic membrane allograft in dogs (experimental study). Stem cell research & therapy 8 (1), 235
- 9- Mohamed S Abdel-Latif, Khaled M Elmeleigy, Tahany AA Aly, Marwa S Khattab, Sara M Mohamed (2017). Pathological and biochemical evaluation of coumarin and chlorophyllin against aflatoxicosis in rat. Experimental and toxicologic pathology, 69 (5), 285-291.
- 10- Olfat A. Mahdy; Marwa M. Attia; Marwa S. Khattab and Nagla M. K. Saleh (2017). In vivo effect of Carica papaya seeds extract on Aspiculuris tetraptera in mice (Mus musculus) colonies. Wulfenia Vol 24, No. 8.
- 11- Hala M. F. El Miniawy, Hussein M. H. Mohamed, Marwa M. S. Khattab, Mai M. Atef, Heba H. S. Abdel-Naeem, Zakia A.M. Ahmed, Ahmed H. Osman, Mahmoud A. Mahmoud, Adel M. Khattab, Mohamed A. Zaki Ewiss (2017). The effect of sewage water before and after treatment on body tissues and meat quality of broiler chickens. Sylwan Vol. 161, Issue. 10
- 12- Nisreen E.Mahmoud, Azza M Abdelwahab; Mai Abuowarda M, Marwa S Khattab and Reem M.Ramadan (2017). Further studies on Cymothoid isopods of some fish species from lake Qarun, Egypt. Egyptian Veterinary Medical society of parasitology journal, 13.
- 13- Nermeen M Abu-Elala, Huda O AbuBakr, Marwa S Khattab, Samah H Mohamed, Maha A El-hady, Rehab A Ghandour, Rania E Morsi. (2018). Aquatic environmental risk assessment of chitosan/silver, copper and carbon nanotube nanocomposites as antimicrobial agents. International journal of biological macromolecules 113, 1105-1115





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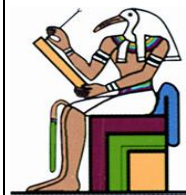


- 14- Marwa S Khattab, Montaser Abdelaziz, Hala MF El Miniawy (2018). Histopathological Assessment of Airway Inflammation and Remodeling in Lungs of Donkeys. Alexandria Journal for Veterinary Sciences 59 (2).
- 15- Naglaa AA El Kader, Haihem A Farghali, Ashraf M Abu-Seida, Noha Y Salem, Marwa S Khattab (2018). Evaluation of chromocystoscopy in the diagnosis of cystitis in female donkeys PloS one 13 (8), e0202596
- 16- Adel M Bakeer, Marwa S Khattab, Mona M Aly, Abdel-Satar Arafa, Fatma Amer, Hafez M Hafez, Mamdouh MH Afify (2019). Estimation of Pathological and Molecular Findings in Vaccinated and Non-Vaccinated Chickens Challenged with Highly Pathogenic Avian Influenza H5N1 Virus. Pakistan Veterinary Journal 39 (1)
- 17- Haithem A Farghali, Naglaa A AbdElKader, Huda O AbuBakr, Samira H Aljuaydi, Marwa S Khattab, Rehab Elhelw, Mahmoud Elhariri (2019). Antimicrobial action of autologous platelet-rich plasma on MRSA-infected skin wounds in dogs. Scientific reports 9 (1), 1-15
- 18- Mohamed S. Zaher, Mohamed A. Tony, N. F. Khaled, Hala M. F. El Miniawy and Marwa S. Khattab. (2019) Influence of commercial symbiotic (Poultry-star®) and controlling of Clostridium perfringens infections in broiler chickens. Journal of the Egyptian Veterinary Medical association 79(3).
- 19- Nasser A. Senna, Haithem A. Farghali, Marwa S. Khattab and Reda K.I. Shalaby (2019). Mammary gland surgical affections in correlation to other surgical skin affections among cats in Egypt. Bioscience Research, 16(3): underpress.
- 20- Amany M. Salama; Ola, F. A. Talkhan; Marwa S. Khattab; Fatma M. Fakhry (2019). Protective Effect of Quercetin against Oxidative Stress, Immunohistochemical and Histopathological Changes Induced by Flumethrin. Animal Health Research Journal, 7(3): 1-14
- 21- Eman Mohammed, Mervat Kamel, Kassem El Iraqi, Azza M. Tawfik, Marwa S. Khattab, Mabrouk Elsabagh (2020). Zingiber officinale and Glycyrrhiza glabra, individually or in combination, reduce heavy metal accumulation and improve growth performance and immune status in Nile tilapia, Oreochromis niloticus. Aquaculture Research, 51(5): 1933-1941
- 22- A. M. Abdelatty, O. A. M. Badr, S. A. Mohamed, M. S. Khattab, S. H. M. Dessouki, O. A. A. Farid, A. A. Elolimy, O. G. Sakr, M. A. Elhady, G. M. K. Mehaisen, M. Bionaz (2020). Correction: Long term conjugated linoleic acid supplementation modestly improved growth performance but induced testicular tissue apoptosis and reduced sperm quality in male rabbit. PLoS ONE 15(1): e0226070. <https://doi.org/10.1371/journal.pone.0226070>
- 23- Aya M Yassin, Huda O AbuBakr, Ahmed I Abdelgalil, Marwa S Khattab, Adel M EL-Behairy,



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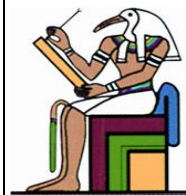
جامعة القاهرة

- Eman M Gouda (2020). COL2A1 and Caspase-3 as Promising Biomarkers for Osteoarthritis Prognosis in an Equus asinus Model. *Biomolecules* 10 (3), 354
- 24- Noha M Elhossieny, Nada B Elhezawy, Rehab M Sayed, Marwa S Khattab, Miran Y El Far, Ahmed S Attia (2020). Gamma-glutamyl transferase is a novel virulence factor of *Acinetobacter baumannii* that induces alveolar wall destruction and renal damage in systemic pathology. *The Journal of Infectious Diseases*
- 25- Mohamed Abed, Mahmoud Elhariri, Rehab El-Helw, Marwa S Khattab, Ahmed Setta, Rafik Soliman (2020). Immunomodulatory Effect of CpG ODN-Adjuvanted Bacterin against *Salmonella enterica* serovar Enteritidis in Broiler Chickens. *World* 10 (1), 60-66.
- 26- EA Morsy, HM Salem, MS Khattab, DA Hamza, MM Abuowarda (2020). Encephalitozoon cuniculi infection in farmed rabbits in Egypt. *Acta Veterinaria Scandinavica* 62 (1), 1-11.
- 27- D ElMosbah, M Khattab, H EL Miniawy (2020). Silica Animal Model for Autoimmune Disease and The Potential Use of Myrrh Compared with The Conventional Treatment. *Suez Canal Veterinary Medical Journal. SCVMJ*
- 28- M.M. Hashim, S.A. El-Safty, K. G. ElEraqi, H.M. R. ElSherif, Azza M. Tawfik, Marwa S. Khattab, Ibrahim H.M. and A.Y. M. AbdelHady (2020). Effect of B-mannanase enzymes supplementation to energy deficient diets on productive performance, physiology and carcass traits of broilers. *International journal of poultry science*.
- 29- HA Farghali, NA Senna, MS Khattab, RKI Shalaby. Prevalence of most common feline genital surgical affections in teaching veterinary hospital, Cairo University, Egypt and different pet clinics. *Advances of Animal and Veterinary Science*, 8: 709-719
- 30- Abdelnaby, E.A., Emam, I.A., Salem, N.Y., ...Farghali, H.A., Abd El Kader, N.A. (2020) Uterine hemodynamic patterns, oxidative stress, and chromoendoscopy in mares with endometritis. *Theriogenology* 158, pp. 112–120
- 31- Azouz, R.A., AbuBakr, H.O., Khattab, M.S., Abou-Zeid, S.M. Buprofezin toxication implicates health hazards in Nile tilapia (*Oreochromis niloticus*). *Aquaculture Research*, 2021, 52(1), pp. 217–228
- 32- Abdel-Mobdy, A.E., Khattab, M.S., Mahmoud, E.A., Mohamed, E.R., Abdel-Rahim, E.A. (2021) Semi-modified okara whey diet increased insulin secretion in diabetic rats fed a basal or high fat diet. *Food Science and Biotechnology* 30(1), pp. 107–116
- 33- Suloma Mahmoud, A., Gomaa, A.H., Abo-Taleb, M.A.A., ...Khattab, M.S., Mabroke, R.S. (2021) Heterotrophic biofloc as a promising system to enhance nutrients waste recycling, dry diet acceptance and intestinal health status of european eel (*Anguilla anguilla*). *AACL Bioflux*, 14(2), pp. 1021–1035



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جامعة القاهرة

- 34- Ismail, T.A., Farghali, H.A., Khattab, M.S., ...Sabry, D., Elminiawy, H.M.F. Development of canine chronic kidney disease model: A pilot study. International Journal of Veterinary Science, 2021, 10(4), pp. 286–293
- 35- Farghali, H.A., AbdElKader, N.A., AbuBakr, H.O., ...Salem, N.Y., Emam, I.A. Corneal Ulcer in Dogs and Cats: Novel Clinical Application of Regenerative Therapy Using Subconjunctival Injection of Autologous Platelet-Rich Plasma. Frontiers in Veterinary Science, 2021, 8, 641265
- 36- Mostafa G Al Naguib, Eman A Morsy, Mahmoud Samir, Marwa S Khattab, Diao G Khelfa, Gomaa A Abdel-Alim Isolation and Molecular Characterization of Fowl Adenoviruses Associated with Inclusion Body Hepatitis-hydropericardium Syndrome in Broiler Chickens in Egypt. World's Veterinary Journal, 2021, 11(3), pp. 333–342.
- 37- Khattab, M.S., AbuBakr, H.O., El Iraqi, K.G., ...Steitz, J., Afify, M. Intra-iliac bone marrow injection as a novel alternative to intra-tibial inoculation in rat model. Stem Cell Research and Therapy, 2021, 12(1), 336

### ***Publications statistic***

Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
3	34		2		34	3	37