

Scientific Publications

1. **Safaa E Abdo, Abeer F El-Nahas, Sally Abdelmenam, Mostafa A Elmadawy, Radi Mohamed, Mohamed Atef Helal, **Seham El-Kassas** (2022).** The synergetic effect of *Bacillus* species and *Yucca shidigera* extract on water quality, histopathology, antioxidant, and innate immunity in response to acute ammonia exposure in Nile tilapia. *Fish & Shellfish Immunology*. Volume 128, Pages 123-135.
2. ****Seham El-Kassas**, Nesreen Aljahdali, Safaa E Abdo, Fatima S Alaryani, Eman M Moustafa, Radi Mohamed, Wesam Abosheashaa, Esraa Abdulraouf, Mohamed Atef Helal, Manal E Shafi, Mohamed T El-Saadony, Karima El-Naggar, Carlos Adam Conte-Junior (2022).** *Moringa oleifera* Leaf Powder Dietary Inclusion Differentially Modulates the Antioxidant, Inflammatory, and Histopathological Responses of Normal and *Aeromonas hydrophila*-Infected Mono-Sex Nile Tilapia (*Oreochromis niloticus*). *Front Vet Sci.* 2022; 9: 918933. doi: 10.3389/fvets.2022.918933.
3. **Ali Raza Jahejo, Nazeer Hussain Kalhor, Hidayatullah Soomro, Jin Yu, Chen-liang Zhang, **Seham El-Kassas**, Sayed Haidar Abbas Raza, Jin-feng Zhao, Azizullah Memon, Lubna Ghani, Guan-bao Ning, Ding Zhang, Shu-ming Chen, Wen-xia Tian (2021).** Dietary supplementation with Celecoxib to prevent the welfare problem of tibial dyschondroplasia in broiler chickens. *Livestock Science*, Volume 250, August 2021, 104568. <https://doi.org/10.1016/j.livsci.2021.104568>.
4. **Haitham G. Abo-Al-Ela, **Seham El-Kassas**, Karima El-Naggar, Safaa E. Abdo, Ali Raza Jahejo & Rasha A. Al Wakeel (2021).** Stress and immunity in poultry: light management and nanotechnology as effective immune enhancers to fight stress. *Cell Stress and Chaperones* volume 26, pages 457–472. DOI: <https://doi.org/10.1007/s12192-021-01204-6>
5. ****Seham El-Kassas**, Safaa E Abdo, Wesam Abosheashaa, Radi Mohamed, Eman M Moustafa, Mohamed Atef Helal, Karima El-Naggar (2020).** Growth performance, serum lipid profile, intestinal morphometry, and growth and lipid indicator gene expression analysis of mono-sex Nile tilapia fed *Moringa oleifera* leaf powder. *Aquaculture Report*, 18, 10042. DOI: <https://doi.org/10.1016/j.aqrep.2020.100422>.

6. Osama A Sakr, Eldsoky Nassef, Sabreen E Fadl, Hazem Omar, Emad Waded, **Seham El-Kassas** (2020) "The Impact of Alpha-lipoic Acid Dietary Supplementation on Growth Performance, Liver and Bone Efficiency, and Expression Levels of Growth-Regulating Genes in Commercial Broilers. **J. World Poult. Res.**, 10 (2S): 172-179. DOI: <https://dx.doi.org/10.36380/jwpr.2020.22>.
7. Nagham ELSaidy, Abeer Kirella, **Seham El-Kassas**, Mahmoud A. O. Dawood & Fatma Abouelenien. (2020). Reducing the Abundance of Harmful Bacteria of Rooftop Tank-Stored Drinking Water Using Silver Nanoparticles and Acetic Acid and Its Impact on Japanese Quail Growth Performances. **Biol Trace Elem Res.** DOI: <https://doi.org/10.1007/s12011-020-02422-2>
8. Mahmoud Alagawany, Mayada R. Farag, Manal E. Sahfi, Shaaban S. Elnesr, Othman Alqaisi, **Seham El-Kassas**, Abdullah S. Al-wajeeh, Ayman E. Taha & Mohamed E. Abd E-Hack (2020) Phytochemical characteristics of Paulownia trees wastes and its use as unconventional feedstuff in animal feed, **Animal Biotechnology**, DOI: <http://10.1080/10495398.2020.1806074>
9. **Seham El-Kassas**, Safaa E Abdo, Karima El-Naggar, Walied Abdo, Abeer AK Kirrella, Ibrahim El-Mehaseeb , Mohammed Abu El-Magd (2020). Dietary Supplementation with Copper Oxide Nanoparticles Ameliorates Chronic Heat Stress in Broiler Chickens. **Animal Production Science** 60(2) 254-268. DOI: <https://doi.org/10.1071/AN18270>
10. Afaf D Abdel-Mageid, Abeer Gamal Zaki, Yakout A El Senosi, Hanan A Fahmy, Amel M El Asely, Haitham G Abo-Al-Ela, **Seham El-Kassas** (2020). Modulatory effect of lipopolysaccharide on immune-related gene expression and serum protein fractionation in grey mullet, *Mugil cephalus*. **Aquaculture Research**, 51(4), Pages 1643-1652. <https://doi.org/10.1111/are.14510>
11. Afaf D Abdel-Mageid, Abeer Gamal Zaki, Yakout A El Senosi, Amel M El Asely, Hanan A Fahmy, **Seham El-Kassas**, Haitham G Abo-Al-Ela (2020). The extent to which lipopolysaccharide modulates oxidative stress response in *Mugil cephalus* juveniles. **Aquaculture Research** 51 (1), 426-431. DOI: [10.1111/are.14309](https://doi.org/10.1111/are.14309).
12. Abdel-Hay Abdel-Hay, Sara Hamed, Mohamed Zayd, Fatma Abouelenien, Ibrahim Rehan, **Seham El-Kassas**, Amany Deyab, Radi Mohamed (2019). NIGHT FEEDING REGIME IMPROVES WATER QUALITY, GROWTH PERFORMANCE

AND FEEDING BEHAVIOUR OF EUROPEAN EELS, *Anguilla*. **Slovenian Veterinary Research** Vol 56, Suppl 22. [DOI:10.26873/SVR-799-2019](https://doi.org/10.26873/SVR-799-2019)

13. Mostafa A Elmadawy, **Seham El-Kassas**, Safaa E Abdo, Atsushi Nagai, Yasuo Bunai (2019). GENETIC DIVERSITY AMONG TWO COMMON POPULATIONS OF *CANIS LUPUS FAMILIARIS* IN EGYPT BY USING MITOCHONDRIAL DNA HVR1 SEQUENCE. **Slov Vet Res** 2019; 56 (Suppl 22): 75–85. [DOI 10.26873/SVR-745-2019](https://doi.org/10.26873/SVR-745-2019).
14. KarimaEl-Naggar, **SehamEl-Kassas**, Safaa E.Abdo, Abeer A.K.Kirrella, Rasha A.Al wakeel (2019). Role of gamma-aminobutyric acid in regulating feed intake in commercial broilers reared under normal and heat stress conditions. **Journal of Thermal Biology**. Volume 84, August 2019, Pages 164-175. DOI: <https://doi.org/10.1016/j.jtherbio.2019.07.004>
15. **Seham El-Kassas**, Safaa E Abdo, Karima El-Naggar, Walied Abdo, Abeer AK Kirrella, Toufic O Nashar (2018). Ameliorative Effect of Dietary Supplementation of Copper Oxide Nanoparticles on Inflammatory and Immune Responses in Commercial Broiler under Normal and Heat-Stress Housing Conditions. **Journal of Thermal Biology**. Volume 78, December 2018, Pages 235-246. <https://doi.org/10.1016/j.jtherbio.2018.10.009>.
16. AF El-Nahas, WM Basony, **S El-Kassas**, and S Mahmoud (2018). Variation in the Genetic Effects of ABCG2, Growth Hormone and Growth Hormone Receptor Gene Polymorphisms on Milk Production Traits in Egyptian Native, Holstein and Hybrid Cattle Populations. **Pak Vet J**, 2018, 38(4): 371-376. [DOI: 10.29261/pakvetj/2018.089](https://doi.org/10.29261/pakvetj/2018.089).
17. Safaa Abdo, **Seham El-Kassas***, Abeer El Nahas, and Shawky Mahmoud (2017). Modulatory Effect of Monochromatic Blue Light on Heat Stress Response in Commercial Broilers. **Oxidative Medicine and Cellular Longevity**, Volume 2017 (2017), Article ID 1351945, 13 pages <https://doi.org/10.1155/2017/1351945>
18. **El-Kassas S**, Odemuyiwa S, Hajishengallis G, Connell TD, Nashar TO (2016) Expression and Regulation of Cholecystokinin Receptor in the Chicken's Immune Organs and Cells. **J Clin Cell Immunol** 7: 471. [doi:10.4172/2155-9899.1000471](https://doi.org/10.4172/2155-9899.1000471).
19. **El-Kassas, S.**, Faraj, R., Martin, K., Hajishengallis, G., Connell, T. D., and Nashar, T., 2015. Cell clustering and delay/arrest in T-cell division implicate a novel

mechanism of immune modulation by E. coli heat-labile enterotoxin B-subunits. Volume 295, Issue 2, June 2015, Pages 150-162. DOI: <https://doi.org/10.1016/j.cellimm.2015.02.014>

20. Radi Mohamed, Sherif ElKholya, Mustafa Shukry, **El-Kassas S**, Nagham Saidy (2017) Manipulation of Broiler Growth Performance, Physiological and Fear Responses Using Three Monochromatic LED lights. **Alexandria Journal of Veterinary Sciences (AJVS)**. Vol. 53: 57-62. April 2017. DOI: [10.5455/ajvs.263048](https://doi.org/10.5455/ajvs.263048).
21. **Seham Elkassas**, Jasmyne Davis, , and Toufic Nashar. Control of Appetite in Chickens: Expression of CCKA Receptor Correlates with Immunological Parameters. 16th Annual Biomedical Research Symposium , College of veterinary Medicine, Nursing and Allied Health , Tuskegee University , Tuskegee , Al, USA. September 17-18. 2015.
22. **Seham Elkassas**, Jasmyne Davis, Solomon Odemuyiwa, and Toufic Nashar. The Immune Status in Chickens is a Factor that May Control Appetite. NIH-MERIAL symposium, UC Davis School of Veterinary Medicine, University of California, Davis, CA, USA. From 30th July to 2nd of August 2015.
23. Rawah Faraj, Toufic Nashar, **Seham El-Kassas**, Karmarcha Martin, George Hajishengallis and Terry D Connell. Novel mechanisms of adjuvanticity implied from in-vitro studies with bacterial toxins. 9th Vaccines & Vaccination. From November 30-December 02, 2015 San Francisco, USA.
24. **Seham Elkassas**, M. M. Sharaf, and A. A. Mansour. 2012. Selection for increasing four weeks body weight in Japanese quails. Kafrelsheikh Vet. Med. J. Vol. 11 No.2.
25. Published genes on GenBank databases: 1- 1-
<https://www.ncbi.nlm.nih.gov/nuccore/?term=El+kassas>
<https://www.ncbi.nlm.nih.gov/nuccore/?term=El+kassas>
<https://www.ncbi.nlm.nih.gov/nuccore/ON638900.1>
<https://www.ncbi.nlm.nih.gov/nuccore/ON638901.1>