

السيرة الذاتية

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مكان العمل : تدريسي في كلية الطب البيطري / جامعة بغداد / في وزارة التعليم العالي والبحث العلمي.
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الشهادات :

- دكتوراه / امراض وسموم أسماك
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- بكالوريوس طب وجراحة بيطرية
/ جامعة بغداد / عام ١٩٨٩ م

عنوان اطروحة الماجستير : تحصين اسماك الكارب الاعتيادي ضد الاصابة بجراثيم الايرومونات
هايدرو فيلا

عنوان اطروحة الدكتوراه :

تقييم تأثير الإجهاد البيئي في اسماك الكارب الاعتيادي ، التأثيرات الكيميائية الحيوية والسمية
الجينية ومعدل التأثيرات الفردية
اللجان العلمية :

١. مقوم لغوي للعديد من اطاريح طلبة الماجستير والدكتوراه في كلية الطب البيطري
٢. عضو لجنة في فرع الامراض والدواجن /كلية الطب البيطري

الاشراف: ٨ طالب ماجستير.

Recent Publications:

البحوث المنشورة

□ **Mustafa, S.A.,** Al-Subiai, S.N., Davies, S.J., Jha, A.N., 2011. Hypoxia-induced oxidative DNA damage links with higher level biological effects including specific growth rate in common carp, *Cyprinus carpio* L. *Ecotoxicology* 20, 1455–1466.

- **Mustafa, S.A.**, Davies, S.J., Jha, A.N. In Press. Determination of hypoxia and dietary copper mediated sub-lethal toxicity in carp, *Cyprinus carpio*, at different levels of biological organisation. *Chemosphere*.
- Al-Subiai, S.N., Moody, A.J., **Mustafa, S.A.**, Jha, A.N., 2011. A multiple biomarker approach to investigate the effects of copper on the marine bivalve mollusc, *Mytilus edulis*. *Ecotoxicology and Environmental Safety* 74, 1913-1920
- Merrifield, D., Harper, G., **Mustafa, S.A.**, Carnevali, O., Picchietti, S., Davies, S., 2011. Effect of dietary alginic acid on juvenile tilapia (*Oreochromis niloticus*) intestinal microbial balance, intestinal histology and growth performance. *Cell and Tissue Research* 344, 135-146.
- Harper, G.M., Saoud, I.P., Emery, M., **Mustafa, S.A.**, Rawling, M.D., Eynon, B.S.J., Davies, S.J., Merrifield, D.L., Monfor, M., 2011. An ex vivo approach to studying the interactions of probiotic *Pediococcus acidilactici* and *Vibrio (Listonella) anguillarum* in the anterior intestine of rainbow trout *Oncorhynchus mykiss*. *Journal of Aquaculture Research & Development*. In Press.
- Ferguson, R.M.W., Merrifield, D.L., Harper, G.M., Rawling, M.D., **Mustafa, S.A.**, Picchietti, S., Balcázar, J.L., Davies, S.J., 2010. The effect of *Pediococcus acidilactici* on the gut microbiota and immune status of on-growing red tilapia (*Oreochromis niloticus*). *Journal of Applied Microbiology* 109, 851-862.
- Alrudainy, A.J., **Mustafa, S.A.**, Abdulaziz, M.A., 2014. Toxic effects of mercuric chloride on DNA damage, hematological parameters and histopathological changes in common carp *The Iraqi Journal of Veterinary Medicine*, 38 (2)87-94.
- **Mustafa, S.A.**, Al-Faragi, J.K., Aref, Z., 2014. The influence of chitosan on immune status and survival rate of *Cyprinus carpio* L. challenged with *Aeromonas hydrophila*. *Kufa Journal of Veterinary Medical Sciences*. 5(2)93-104.
- **Mustafa, S.A.**, Kariab, S.S., Davies, S.J., Jha, A.N., 2015. Assessment of oxidative damage to DNA, transcriptional expression of key genes, lipid peroxidation and histopathological changes in carp *Cyprinus carpio* L. following exposure to chronic hypoxic and subsequent recovery in normoxic conditions. *Mutagenesis*, 30:107-116.
- Al-rashdii, A.A., **Mustafa, S.A.**, Yassin, S.N. 2016 Histopathological Studies in Common Carp *Cyprinus carpio* L. Infected with *Saprolegnia* sp. and Treated With Virkon® S. *Mirror of Research in Veterinary Sciences and Animals*. In Press.
- **Mustafa S.A.**, Al-Faragi J.K., Salman N.M. and Al-Rudainy A.J. (2017). Histopathological alterations in gills, liver and kidney of common carp, *Cyprinus carpio* L. exposed to lead acetate. *Advances in Animal and Veterinary Sciences*. 5(9):371-376.
- **Mustafa S.A.** and **Al-Khalili A.M.** (2017). Efficiency of Vitamin E with Sodium Selenite in Reducing Toxicity and Accumulation of Lead Acetate in Common Carp, *Cyprinus carpio* L. Accepted in Conference.

□ Salih S.T. and **Mustafa S.A.** (2017). Efficiency of dietary synbiotic on hematological, histopathological changes and resistance against *Saprolegnia spp.* in common carp, *Cyprinus carpio* L. *Journal of Entomology and Zoology Studies*. 5(6): 2092-2098

□ Hamad S. M and **Mustafa, S.A.** (2018). Effect of Ozonized Water Treatment on Clinical Signs, Survival Rate and Histopathological Alterations in Common Carp, *Cyprinus carpio* L. Infected with *Saprolegnia spp.* *Pakistan Journal of Biotechnology*. 14(4): Pak. J. Biotechnol. Vol. 15 (2) 273-281

□ Aziz, N. M., **Mustafa, S.A.** (2019). Effect of ozonated water on hematological, immunological and survival rate of common carp, *Cyprinus carpio* infected with *Flavobacterium columnare*. *Biochemical and Cellular Archives*. 19(2) In press

□ Assessment of hydrogen peroxide on histopathology and survival rate in common carp, *Cyprinus carpio* L. infected with Saprolegniasis. 2019. Sanaa A. Mustafa AbdulMotalib J. Al-Rudainy and **Jamal K. Al-Fragi**. *Iraqi Journal of Agricultural Sciences*. 50(2):697-704.

□ Evaluation of Hydrogen Peroxide for Controlling Saprolegniasis in Common carp, *Cyprinus carpio* L. *Biochemical and Cellular Archives* 19(2) In press

□ Evaluation the Ozone Treatment To Control the Infection of Saprolegniasis in *Cyprinus carpio* L. accepted in the Second International Scientific Conference. ALqadisiyah University

المشاركة في المؤتمرات

- Marine Institute Conference “Understanding Marine Systems” 17th December 2007 University of Plymouth, UK
- PMSP Symposium and trade fair on Marine Science for changing the world. 7th April 2009. University of Plymouth, UK
- 15th International Symposium on Pollutant in Marine Organisms. 17-20 May 2009 Bordeaux, France
- Annual Meeting of the European Environmental Mutagen Society (EEMS) Sept. 15th- 18th 2010 Oslo, Norway
- Annual Meeting of the European Environmental Mutagen Society (EEMS) August 10th-13th 2014, Plymouth, UK

الدورات والورش

- Real-time PCR training Course 23rd November 2011 Exeter, UK
- Metabolomics training Course 28-31 March 2011, Birmingham University, UK
- Histopathology workshop 2010/Centre for Environment, Fisheries and Aquaculture Science (CEFAS)/Weymouth, UK
- Workshop in Google class in Ivn Cena Center /2019