

Sanaa Abdul Aziz Mustafa

E-mail: sanaa.mustafa@plymouth.ac.uk

sanaa.aziz@yahoo.com

+964(0)7804611553 (Iraq/Baghdad)

Education History:

- 2011-2017 Assistant Professor in Pathology Department of Pathology and Poultry Diseases/ Veterinary Collage/ Baghdad University
- 2013-2016 lecturer in Pathology Department of Pathology and Poultry Diseases/ Veterinary Collage/ Baghdad University
- 2012 PhD completed Fish pathology and Toxicology, Biomedical and Biological Sciences/University of Plymouth/UK.
- 2007-2011 Postgraduate Students (PhD) in Biological Sciences, University of Plymouth. Start from 1st of April (2008) -Continue.
- 2007 Pre-PhD English Course 1st September (2007) - 1st April (2008) held at the English Language Course for Overseas Student, University Plymouth, UK
- 2006 English Language test, Baghdad University, Iraq
- 1994 MSc Degree/ Fish pathology/ Baghdad University/Veterinary College, Iraq
- 1990 BSc Degree/Veterinary Medicine and Surgery, Baghdad University/Veterinary College, Iraq

Employment History:

- 1990- 1995 Demonstrator, Baghdad University/Veterinary College/ Pathology Department
- 1995-2003 Lecturer Assistant, Baghdad University/Veterinary College/ Pathology Department
- 2003-2007 Lecturer, Baghdad University/Veterinary College/ Pathology and Toxicology Department
- 2007-2011 PhD student/ School of Biomedical and Biological Sciences/Faculty of Sciences, Plymouth University, UK
- 2013-2017 lecturer in Pathology Department/ Veterinary Collage/ Baghdad University
- 2011-2017 Assistant Professor in Pathology Department of Pathology and Poultry Diseases/ Veterinary Collage/ Baghdad University

Publications:

- **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.**, Kariieb, 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.

Conferences attended:

- 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

Courses undertaken:

- Real-time PCR training Course 23 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
- General Teaching Associate course 2009/University of Plymouth, UK
- General English Course from 26 June (2008) to 23 September (2008) /Plymouth University, UK
- Advanced Techniques in Aquatic Biology, 2007 2007 University of Plymouth, UK.

Languages: (Arabic, English).

Interests: (Reading, Sport Aerobics).