Special Issue

Histopathology of Aquatic Animals

Message from the Guest Editors

Histopathological studies of aquatic animals refer to the microscopic examination of tissues and organs in order to detect deviations from the expected microscopic or macroscopic structure. Information obtained from the study of histomorphological lesions in aquatic animals can be a useful addition when determining the general state of health of aquatic animals, especially if chronic stressors and/or pathogens are present. Compared to mammals, postmortem autolysis progresses very rapidly in most aquatic organisms. This fact makes the histopathological examination quite complex and demanding, not only in a histotechnical sense. A prerequisite for a successful study is the baseline knowledge of physiological processes and histological architecture of the studied species. Therefore, the aim of this Special Issue is to contribute to the current state of knowledge on the histopathology of aquatic animals and to provide a professional and encyclopedic tool for biologists and veterinarians.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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