Special Issue

Veterinary Oncologic Diagnostic and Prognostic Microscopy: Old and New Methods

Message from the Guest Editors

Cytology, histology and immunohistochemistry are the foundation of tumor diagnosis and prognosis. While molecular and genetic tests of tumors and patients are of increasing research interest, microscopic examination by pathologists is likely to remain a fundamental step in the diagnostic workflow due to its practicality and low cost. Microscopic examination is indispensable for clinicians, oncologists and surgeons when making clinical decisions for tumor patients. Despite the high diagnostic and prognostic value of tumor microscopy, many tests within this area have marked observer variability due to their subjective nature and insufficiently described methods. This Special Issue focuses on the diagnosis and prognosis of animal tumors using microscopic methods to improve routine pathologist evaluation.

Topics of interest include, but are not limited to: standardization and validation of prognostic markers and diagnostic criteria; evaluation of new prognostic markers or diagnostic criteria; evaluation of new methods such as digital microscopy and automated image analysis.

Guest Editors

Dr. Christof Albert Bertram

Institute of Pathology, University of Veterinary Medicine Vienna, Vienna, Austria

Dr. Taryn Donovan

Schwarzman Animal Medical Center, New York, NY, USA

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Veterinary Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 vetsci@mdpi.com

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Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

Editor-in-Chief

Prof. Dr. Patrick Butaye

- Department of Pathobiology, Pharmacology and Zoological Medicine, Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, B9820 Merelbeke, Belgium
- Department of Infectious Diseases and Public Health, Jockey Club College of Veterinary Medicine and Life Sciences, City University of Hong Kong, 31 To Yuen Street, Kowloon, Hong Kong SAR 999077, China

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