

Special Issue

Diagnostic Challenges of Malignant Pleural Mesothelioma

Message from the Guest Editors

Diagnosis of mesothelioma is challenging, as it can be suspected with imaging, but it has to be confirmed with biopsy. Conventional cytology has several limitations, although immunohistochemistry has enhanced its accuracy. Immunohistochemistry is crucial in differentiating mesothelioma from neoplastic mimics. An interdisciplinary approach involving a team of healthcare professionals including molecular biologists, pathologists, radiotherapists, oncologists, and surgeons is essential to diagnose mesothelioma, and to evaluate the benefits and burdens of various therapies in order to provide the best care for this disease. Accordingly, in this Special Issue, it is intended for researchers cooperate to evaluate and discuss new research developments of diagnostic methods that may lead to a prompt and precise diagnosis, which may help physicians deal with this disease. In this Special Issue, the following topics will be presented: histopathology, cytopathology, genetics of malignant pleural mesothelioma, mesothelioma biomarkers, pleural mesothelial hyperplasia, invasive and non-invasive staging and surgical diagnosis of malignant mesothelioma.

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