Special Issue

Lung Cancer and Lung Injury: Diagnosis, Differential Diagnosis, and Management

Message from the Guest Editor

The diagnosis of lung cancer has been divided into subsections. Correctly diagnosing a cancer subtype is critical to selecting appropriate treatment, because aggressiveness, responsiveness to therapy, and prognosis vary significantly among subtypes. High-grade lung neuroendocrine tumor (HGNET), which is classified into small-cell lung cancer (SCLC) and large-cell neuroendocrine carcinoma (LCNEC), and non-small cell lung cancer (NSCLC) may differ in indications for surgery and drug regimens. However, sometimes it is difficult to distinguish between poorly differentiated NSCLC and HGNET. Herein, we summarize the published evidence and discuss key issues related to differential diagnosis between HGNET and NSCLC by immunostaining, and we also demonstrate the usefulness of Stasthmin-1, which is a cytosolic phosphoprotein that mediates cellular division and proliferation by regulating microtubule dynamics.

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