

Special Issue

Current Status of Neuroendocrine Tumors with a Special Focus on Diagnosis and Novel Treatments

Message from the Guest Editor

Neuroendocrine tumors are an increasing group of tumors. A majority are malignant, with local or distant metastases at diagnosis. Tumors are divided according to their proliferative rate into grade 1, grade 2, and grade 3 (G1, G2, and G3). Most tumors are G1 and G2, and hence slow-growing and patients suffering from such tumors may live for several years. Some tumors, however, are highly proliferative, and patients affected by them have a short survival and poor prognosis. Most G1 and G2 tumors, and some G3 tumors, express somatostatin receptors and may be detected by somatostatin receptor imaging. Diagnostic sensitivity has improved with the introduction of ⁶⁸Gallium-DOTATOC PET CT. Somatostatin analogs are the main treatment for patients with low proliferative tumors. Other treatments include chemotherapy, PRRT with ¹⁷⁷Lutetium-DOTATATE, and targeted therapies, such as Everolimus and Sunitinib, which have led to an improvement in prognosis. The need for newer therapeutic agents is, however, urgent. This Special Issue will address the current knowledge at the epidemiologic, diagnostic, molecular and therapeutic level, focusing on new diagnostic and therapeutic measures.

Guest Editor

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Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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