

Special Issue

TRP Channels in Cancer: New Avenues for Diagnosis, Prognostication, and Therapy

Message from the Guest Editor

Transient Receptor Potential (TRP) channels are multifunctional signaling molecules, with important roles in cell growth and differentiation. Several TRP channels show altered expression in cancers, though it is unclear if this is cause or consequence of the disease.

Regardless of the underlying pathology, this altered expression can be used for cancer diagnosis and prognostication. Furthermore, such altered TRP channel expression may constitute a novel therapeutic target.

This Special Issue will explore the current state of this rapidly evolving field, from the role of TRP channels in malignant transformation, cancer growth and metastasis, through the use of altered TRP channel expression in cancer diagnosis and prognostication, to targeting TRP channels to kill cancer cells or relieve cancer pain. Experimental studies with tumor cell lines and/or animal models of human cancer, critical review articles of old concepts and new thoughts are all welcome for consideration.

Guest Editor

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