

Special Issue

Oral Fibrosis and Oral Cancers: From Molecular Targets to Therapeutics

Message from the Guest Editor

Oral submucous fibrosis (OSF) is a chronic scarring disease recognized as a precancerous condition of the oral mucosa, with a malignant transformation rate of approximately 7–13%. Understanding the mechanisms underlying the pathogenesis of OSF and oral cancer is crucial for developing better treatment approaches and preventing cancer progression. Current knowledge indicates that OSF is linked to increased myofibroblast activity and dysregulation of collagen homeostasis. Therefore, inhibiting myofibroblast activation is considered a potential therapeutic strategy for OSF. Additionally, chemo/radioresistance and metastasis in oral cancers are often attributed to cancer stem cells or epithelial–mesenchymal transition (EMT). Various non-coding RNAs have been identified as key regulators of cancer stemness and EMT, playing critical roles in the progression of OSF and oral cancer. This Special Issue invites contributions that discuss screening strategies, pathogenesis, molecular targets, and therapeutic options for OSF and oral cancer. The goal is to delve into cutting-edge advances and potentially accelerate the discovery and development of effective treatments for these conditions.

Guest Editor

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