

Special Issue

Molecular Mechanisms at the Intersection of Protein Synthesis, Cancer, and Immunity

Message from the Guest Editors

Recent advances have evidenced that the interface between tumors and the immune defenses (i.e., immune evasion vs. immune-mediated destruction) is impacted by the regulation of translation-level mechanisms. With several key molecular and cellular regulators of immune activity and suppression potentially under the sway of physiological and malignant translation, a better understanding of the interplay between translational control, immune regulation, and/or cancer progression may shed light on the failure of endogenous and therapy-induced anti-tumor immune responses, thus presenting opportunities for intervention. In this Special Issue, we aim to encourage mutlidisciplinary investigations to improve our understanding of the molecular mechanisms underlying immunity and cancer progression. The insights gained may uncover translation-relevant prognostic factors and candidate targets for therapy that may be used to personalize the care and treatment of patients with difficult-to-treat cancers.

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