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Dissecting the Immunological Landscape of Human Malignancies

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Message from the Guest Editor

Dear Colleagues,

This Special Issue will focus on novel tools, which are being developed to analyse the diversity of immune genes, proteins, cells and pathways in the tumour microenvironment. Powerful technologies, such as genome-wide association studies (GWAS), multiplexed immunohistochemistry, high-dimensional blood profiling of immune cells by flow cytometry and mass cytometry, are increasingly being integrated to assess immune competence and the likelihood of patients to respond to immunotherapy. A broader understanding of baseline immunity (the “immunoscore”), both in the periphery and in the tumour microenvironment, and of immune escape mechanisms is likely to expedite the identification of biomarkers that are predictive of clinical outcome and to foster the clinical implementation of a more refined and personalised approach to immune-based interventions.

Prof. Sergio Rutella

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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