

## Special Issue

# Cancer Metabolism: Current Understanding and Therapies

### Message from the Guest Editors

Cancer metabolism has emerged as a pivotal research area for understanding tumor development, progression, and therapeutic responses. Metabolic reprogramming allows cancer cells to meet heightened energy demands, facilitate rapid proliferation, and survive under stressful conditions. This Special Issue will focus on contemporary advances in elucidating the molecular and cellular mechanisms of altered cancer metabolism, as well as the development of cutting-edge therapies that specifically target metabolic vulnerabilities. We welcome contributions that explore novel regulatory pathways, discuss metabolic crosstalk between cancer and stromal or immune cells, and uncover translational applications in diagnostics and treatment. Ultimately, this Special Issue strives to illuminate the complexity of cancer metabolism and lay the groundwork for more effective, patient-tailored treatment modalities. Of particular interest are studies examining the interplay between metabolic pathways and immune responses, which may reveal novel strategies for immunometabolic therapies.

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### Guest Editors

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