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Cancer Cell Metabolism

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Deadline for manuscript
submissions:

closed (30 April 2021)

Message from the Guest Editors

Dear Colleagues,

Cancer cells require excess energy and metabolite synthesis to successfully grow and metastasize. Therefore, their metabolism has to be particularly efficient. Moreover, changing extracellular conditions require that cancer cells have significant flexibility and use different pathways and supplies to supplement potentially missing metabolites. To secure the necessary substrates, cancer cells rely on the surrounding stroma and newly formed blood vessels. They also modify their metabolism and involve the tumor environment to increase their resistance to anticancer therapies. Not surprisingly, cancer cell metabolism differs significantly from its healthy counterpart and is exploited diagnostically and therapeutically. For this Special Issue, we invite the submission of research articles and reviews on metabolic mechanisms supporting tumor metastases, organ colonization, escape from immune defense, and therapeutic resistance as well as metabolic interactions with the stroma. We would like input from basic, translational, and preclinical studies.



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Special Issue



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Message from the Editor-in-Chief

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