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## Mitochondrial Metabolism in Cancer Prevention and Treatment

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Deadline for manuscript  
submissions:

**closed (15 October 2021)**

### **Message from the Guest Editor**

It is long believed that impairment of mitochondrial oxidative phosphorylation is the cause of this glycolytic phenotype observed in cancers. However, studies in cancer metabolism have revealed that mitochondrial function in many cancers is intact. It has also been observed that cancers utilize various forms of metabolism. The various metabolic phenotypes are employed by cancer cells have a common purpose, to balance macromolecular biosynthesis, cellular reducing power, and sufficient ATP production to support rapid proliferation and accompanied survival threat characteristic of these aberrant cells. These metabolic pathways are attractive targets for possible therapeutic interventions and currently, research is underway to meet this end.



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