The catalytic and structural roles of the Human Hexokinase 2 in cancer

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Glucose metabolism is 200 times higher in cancer a ected tissues in comparison to normal tissue as a strategy to support tumo growth and progression, historically known as the 'Warburg e ect'. Hexokinase is the rst enzyme of the glycolytic pathway that catalyzes the phosphorylation of glucose for its activation to glucose-6-phosphate and uses ATP as high-energy source c

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