

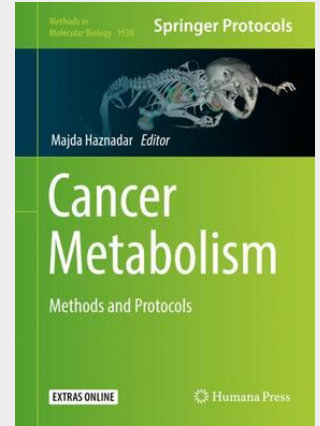
Haznadar

## Cancer Metabolism

Methods and Protocols

This volume details common experimental approaches in studies designed to illuminate various processes used to study cancer metabolism. Chapters are divided into three parts, the first part focuses on protocols commonly utilized in cancer metabolism studies, such as protocols comprising stable isotope labeling methods, protocols for studying glycolysis, gluconeogenesis and mitochondrial metabolism. The second part of the book describes methods used for generating hypotheses and identifying cancer markers, such as mass spectrometry- and NMR-based profiling tools. Last but not least, the third part is an overview of vital and actively researched topics in the field of cancer metabolism, as well as computational methodological approaches. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting-edge, Cancer Metabolism: Methods and Protocols aims to be an essential compilation of protocols utilized in many laboratories.

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