



MYC and the Pathway to Cancer (Cold Spring Harbor Perspectives in Medicine)

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The *MYC* gene family plays essential roles in normal development and in multiple cellular functions. Moreover aberrant *MYC* gene activation is profoundly involved in the etiology of a wide range of cancers. *MYC* encodes a transcriptional regulator that modulates expression of genes controlling cell growth, proliferation, metabolism, differentiation, and death. Deregulation of these expression programs has been linked to MYC's function in tumor initiation, progression, and survival.

Written and edited by experts in the field, this collection from *Cold Spring Harbor Perspectives in Medicine* covers all aspects of *MYC* biology. The contributors discuss its normal functions in the control of cell growth, cell competition, pluripotency, and development, as well as the molecular basis for the effects of the MYC protein on transcription. In addition, they examine how MYC interacts with other proteins, induces apoptosis, and impacts metabolism, genomic stability, and microRNA expression.

The authors also provide a detailed analysis of the role of MYC in tumor initiation and progression. Its involvement in cancers such as medulloblastoma, neuroblastoma, and Burkitt's lymphoma is examined, as are the prospects for anti-MYC therapies in cancer treatment. This book is essential reading for all cancer biologists, as well as researchers studying the regulation of gene expression.

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Velda Thornley:

This MYC and the Pathway to Cancer (Cold Spring Harbor Perspectives in Medicine) book is not really ordinary book, you have it then the world is in your hands. The benefit you will get by reading this book will be information inside this e-book incredible fresh, you will get info which is getting deeper anyone read a lot of information you will get. This MYC and the Pathway to Cancer (Cold Spring Harbor Perspectives in Medicine) without we realize teach the one who examining it become critical in considering and analyzing. Don't be worry MYC and the Pathway to Cancer (Cold Spring Harbor Perspectives in Medicine) can bring whenever you are and not make your tote space or bookshelves' turn out to be full because you can have it within your lovely laptop even mobile phone. This MYC and the Pathway to Cancer (Cold Spring Harbor Perspectives in Medicine) having fine arrangement in word in addition to layout, so you will not feel uninterested in reading.

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