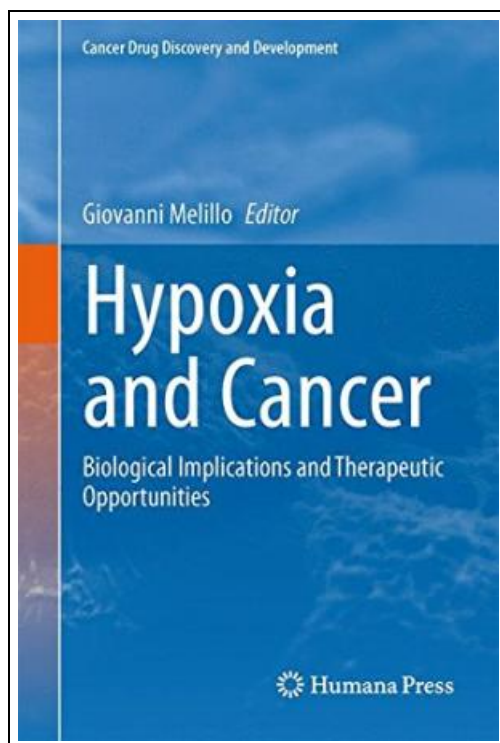


Hypoxia and Cancer: Biological Implications and Therapeutic Opportunities (Hardback)



Filesize: 9.69 MB

Reviews

Extremely helpful for all type of folks. It generally is not going to expense a lot of. I found out this book from my dad and i advised this book to find out.

(Melany Goyette)

HYPOXIA AND CANCER: BIOLOGICAL IMPLICATIONS AND THERAPEUTIC OPPORTUNITIES (HARDBACK)**DOWNLOAD PDF**

Springer-Verlag New York Inc., United States, 2013. Hardback. Book Condition: New. 2014 ed.. 236 x 160 mm. Language: English . Brand New Book. The imbalance between rapidly proliferating tumor cells and inadequate and inefficient tumor vasculature leads to a decrease in oxygen levels (hypoxia and/or anoxia) in tumor tissues. Intra-tumor hypoxia profoundly affects the biological behavior of cancer cells, which become resistant to conventional therapies and acquire a more invasive and metastatic phenotype. Hypoxia is a hallmark of the malignant phenotype and a key feature of the tumor microenvironment. Hypoxia Inducible Factor 1 (HIF-1) is a master regulator of the transcriptional response to oxygen deprivation. HIF triggers the expression of genes whose products induce angiogenesis, decrease oxygen consumption, switch metabolism to glycolysis, maintain a stem cell phenotype and select for more invasive and metastatic cells. Therapeutic approaches targeting HIF, directly or downstream mediators of its transcriptional activity, are being developed. Intra-tumor hypoxia is a topic has been gaining scientific interest over the last few years for its wide involvement in many physiological and pathological processes. This volume will cover the latest research and translational aspects associated with intra-tumor hypoxia, along with opportunities for drug development offered by this unique feature of the tumor microenvironment. The ongoing efforts to translate our understanding of the biology underlying intra-tumor hypoxia in viable therapeutic options face many challenges, but this book will provide an opportunity for an in-depth analysis of the fundamental mechanisms implicated in the adaption to low oxygen levels and will scrutinize the potential for opportunities that are being pursued in both research and the drug development industry.

[Read Hypoxia and Cancer: Biological Implications and Therapeutic Opportunities \(Hardback\) Online](#)[Download PDF Hypoxia and Cancer: Biological Implications and Therapeutic Opportunities \(Hardback\)](#)

Other eBooks



Hope for Autism: 10 Practical Solutions to Everyday Challenges

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand *****. Hope for Autism: 10 Practical Solutions to Everyday...

[Download](#) [Book](#)

»



EU Law Directions

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the...

[Download](#) [Book](#)

»



Public Opinion + Conducting Empirical Analysis

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English . Brand New Book. Public Opinion : One of the central tenets of a democracy is that...

[Download](#) [Book](#)

»



Fox All Week: Level 3

Penguin Putnam Inc, United States, 2004. Paperback. Book Condition: New. James Marshall (illustrator). Puffin Easy-To-Read ed.. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin...

[Download](#) [Book](#)

»



The Web Collection, Revealed: Adobe Creative Cloud Update (Mixed media product)

Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. Premium ed. 241 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access...

[Download](#) [Book](#)

»



Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package
Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

[Save](#) [ePub](#)

»



31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Reading to children is a wonderful activity and past time that both parents

[Save](#) [ePub](#)

»



Who am I in the Lives of Children? An Introduction to Early Childhood Education

Pearson Education (US), United States, 2015. Paperback. Book Condition: New. 10th Revised edition. 254 x 201 mm. Language: English . Brand New Book. Note: This is the bound book only and does not include access

[Save](#) [ePub](#)

»



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now

[Save](#) [ePub](#)

»



California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

[Save](#) [ePub](#)

»