



Analysis of global gene expression profiles and invasion related genes of colorectal liver metastasis

By Obul Reddy Bandapalli

Epubli. Taschenbuch. Condition: Neu. Neuware - Liver is most frequently populated by metastases and may therefore serve as a model organ for studying metastatic invasion. For this reason, it was the aim of this thesis to understand the gene expression profiles and identify metastasis and invasion related genes in liver metastasis model. Differential gene expression was examined in three systems: A syngeneic mouse model (CT26/Balb/C mouse), a xenograft model (LS174T/nude mouse) and five clinical specimens. Gene expression profiles of a syngeneic mouse model and human clinical specimen revealed that the invasion front should be considered as a whole to find more overlapping potential target genes. Global gene expression studies on the host part of the invasion front revealed a pronounced overexpression of hepatic stellate cell activation markers at single gene level in this region demonstrating the feasibility of a differential gene expression approach on a genome wide scale. Global gene expression studies focusing on the tumor cells in vitro, in vivo and tumor part of the invasion front revealed an overall increase of cellular specialization from in vitro to invasion front. In addition to the secreted angiogenic cytokines, beta-catenin gene was elevated 9.6 fold in invasion front compared to in vitro....



READ ONLINE
[3.47 MB]

Reviews

Basically no words to describe. It is filled with knowledge and wisdom I am just pleased to let you know that this is actually the greatest publication i have read within my individual lifestyle and may be he best publication for at any time.

-- Prof. Ron Gaylord II

These kinds of pdf is the greatest ebook accessible. It is one of the most amazing ebook i have got go through. Your life span will likely be transform once you comprehensive reading this article publication.

-- Santa Lowe

Relevant eBooks



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



And You Know You Should Be Glad

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...