

ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

8,160,000 Results

Any time ▾

Currently, molecular testing in colorectal cancer (CRC) is aimed at **detecting Lynch syndrome** and predicting response to anti-epidermal growth factor receptor (EGFR) therapies. However, CRC is a complex disease, with at least 3 molecular pathways of carcinogenesis.

Author: Chanjuan Shi, Kay Washington

Cited by: 29

Publish Year: 2012

[Molecular Testing in Colorectal Cancer | American Journal ...](#)

 academic.oup.com/ajcp/article/137/6/847/1760533

Was this helpful?  

People also ask

What are the most common screening methods for colon cancer? ▾

How is colonoscopy used to find colon cancer? ▾

How do they test for colon cancer? ▾

What's new in colon cancer testing? ▾

Feedback

[PDF] [Molecular Diagnostic Applications in Colorectal Cancer](#)

<https://www.mdpi.com/2076-3905/3/3/168/pdf>

predominantly microarray-based assays in **colorectal cancer**. There are many promising **applications** which will support early detection and targeted therapies in **colorectal cancer**. They are summarized in...

Cited by: 3

Author: Laura Huth, Jörg Jäkel, Edgar Dahl

Publish Year: 2014

[Molecular Testing in Colorectal Cancer | American Journal ...](#)

<https://academic.oup.com/ajcp/article/137/6/847/1760533>

Match Overview

There are no matching sources for this report.

Name of Journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 64637

Manuscript Type: REVIEW

Molecular testing for colorectal cancer: clinical applications

Abstract

Molecular genetic analysis is an integral part of colorectal cancer (CRC) management. The choice of systemic therapy is largely based on the results of molecular testing. Evaluation of the KRAS and NRAS gene status is mandatory for consideration of anti-EGFR therapy. Tumors with the BRAF V600E substitution are characterized by aggressive behaviour, may require intensified cytotoxic regimens and benefit from

Molecular testing for colorectal cancer: Clinical applications



ALL

IMAGES

VIDEOS

6,460,000 Results

Any time ▼

Current indications for standard-of-care molecular testing in colorectal carcinomas include **identifying hereditary cancer syndromes, such as Lynch syndrome, and testing for KRAS mutational status** as a predictor of response to anti-epidermal growth factor receptor (EGFR) agents such as cetuximab.

Author: Chanjuan Shi, Kay Washington

Cited by: 31

Publish Year: 2012

Molecular Testing in Colorectal Cancer | American Journal ...

 academic.oup.com/aicr/article/137/6/847/1760533



See more