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Retrospective Study

Histologic features and genomic alterations of primary colorectal adenocarcinoma predict the growth patterns of liver metastasis

Wu JB *et al.* Colorectal adenocarcinoma liver metastasis

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Abstract

BACKGROUND

Different histological growth patterns (HGPs) of colorectal carcinoma (CRC) liver metastasis were associated with patient's prognosis and response to antiangiogenic therapy. However, the relationship between HGPs of liver metastasis and clinicopathological and genomic characteristics of primary cancer have not been well established.

AIM

To assess whether certain clinicopathological and genomic features of primary CRC could predict the HGPs of liver metastasis.

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Genomic alterations accompanying tumour evolution in colorectal ...

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作者: MB Mogensen - 2018 - 被引用次数: 3 - 相关文章

2018年7月20日 - Colorectal cancer (CRC) patients with metastatic disease can become ... appear early in tumour development and concordance between the primary ... Patients with colorectal liver metastases referred to Rigshospitalet (RH), ... The inclusion criteria were a histologically confirmed adenocarcinoma, one or ...

Molecular and Immunohistochemical Markers with Prognostic and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6213422/> - 翻译此页

作者: G Lopez - 2018 - 相关文章

2018年10月3日 - Colorectal cancer (CRC) is the third most common cancer in men and the Domain structure and gene alterations of the 12 most frequently altered genes ... and abolished the development of primary tumor and liver metastases. growth pattern of the metastatic lesion; this particular histologic type of liver ...

Colorectal Cancer Liver Metastasis: Evolving Paradigms and Future ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5331831/> - 翻译此页

作者: LR Zarour - 2017 - 被引用次数: 42 - 相关文章

2017年1月20日 - Treatment and management of metastatic colon cancer to the liver will require ... features of the patient's primary CRC support adjuvant treatment.22, 23, ... status predicting poor response to anti-growth factor receptor therapies35, and genetic alterations resulting in a comprehensive genomic analysis of



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Histopathological Identification of Colon Cancer with ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1850324>

A workshop sponsored by the National **Cancer Institute** developed criteria for distinction of **MSI colorectal cancers** from the much more common microsatellite-stable (MSS) type and for classification of MSI into high and low levels (MSI-H and MSI-L, respectively). **19 Microsatellite alterations** that have accumulated in the **clonal tumor cell population** are identified by comparison of polymerase chain ...

Cited by: 463

Author: Julian Alexander, Toshiaki Watanabe, Tsu...

Publish Year: 2001

Integrative Genomic and Transcriptomic Characterization of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4278258>

Somatic copy number **alterations** of 7 **colon** adenocarcinomas with paired **liver metastasis** and 10 **liver carcinoma** with **metastasis** to the lymph node, adrenal gland or lung were analyzed by Agilent array-based comparative **genomic** hybridization (CGH) as previously described 13. Briefly, **genomic** DNA was isolated using proteinase K digestion (P2308 ...

Cited by: 16

Author: Stephanie Roessler, Guoling Lin, Marsho...

Publish Year: 2015

DPC4 Gene Status of the Primary Carcinoma Correlates With ...

<https://ascopubs.org/doi/10.1200/JCO.2008.17.7188>

Mar 09, 2009 · **Rapid autopsies** were performed on 76 patients with documented **pancreatic cancer**. The **histologic features** of **end stage disease** were determined and correlated to the stage at initial diagnosis, patterns of failure (locally **destructive v metastatic disease**) and the status of the KRAS2, TP53, and DPC4 **genes**.

Cited by: 724

Author: Christine A. Iacobuzio-Donahue, Baojin F...

Publish Year: 2009

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Google 学术: Histologic features and genomic alterations of primary colorectal adenocarcinoma predict the growth patterns of liver metastasis

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... in patients with metastatic colorectal cancer - Yaeger - 被引用次数: 97

... progression of primary tumours and metastases - Klein - 被引用次数: 865

Liver Metastases and Histological Growth Patterns: Biological ...

<https://www.hindawi.com/journals/jo/2019/6280347/>  翻译此页

作者: RC Oliveira - 2019 - 相关文章

2019年2月12日 - Liver Metastases and Histological Growth Patterns: Biological Behavior and ...

Colorectal cancer is a major health burden and despite the recent ... biological behavior of the tumors in order to tailor the used therapies, moving to the primary tumor properties and may be predicted by preoperative imaging, ...

缺少字词: genomic

Molecular alterations associated with liver metastases development in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3142796/>  翻译此页

作者: SC Bruin - 2011 - 被引用次数: 33 - 相关文章

2011年7月12日 - Keywords: colorectal cancer, liver metastases, chromosome 20q, PI(3)K ... whether all metastases are resectable and an adequate liver function can be maintained. ... follows well-defined steps of histological stages, each characterised by ... (CIMP) in primary colorectal tumours can predict liver metastases.

Colorectal Cancer Liver Metastasis: Evolving Paradigms and Future ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5331831/>  翻译此页

作者: LR Zarour - 2017 - 被引用次数: 48 - 相关文章

In patients with colorectal cancer (CRC) that metastasizes to the liver, there are in the metastatic or advanced setting.17, 18, 19 More recently, those altered ... the high-risk features of the patient's primary CRC support adjuvant treatment.22, 23, ... status predicting poor response to anti-growth factor receptor therapies35, ...

Genomic alterations accompanying tumour evolution in colorectal ...

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-018-4639-4>  翻译此页