

Match Overview

1	Crossref 59 words Timothy Kendall, Joanne Verheij, Eugenio Gaudio, Matthias Evert, Maria Guido, Benjamin Goeppert, Guido Carpi...	2%
2	Crossref 55 words Corentin Louis, Panagiotis Papoutsoglou, Cédric Coulon... m. "Molecular classification of cholangiocarcinoma", Curr	2%
3	Internet 20 words crawled on 23-Feb-2020 tgc.amegroups.com	1%
4	Crossref 17 words Cardinale, Vincenzo. "Intra-hepatic and extra-hepatic ch... angiocarcinoma: New insight into epidemiology and risk f	1%
5	Internet 16 words crawled on 15-Jul-2020 demystifyingmedicine.od.nih.gov	1%
6	Crossref 15 words Xu-Feng Zhang, Yi Lv, Matthew Weiss, Irinel Popescu et al. al. "Should Utilization of Lymphadenectomy Vary Accord...	1%
7	Crossref 12 words "Diseases of the Abdomen and Pelvis 2018-2021", Springer Science and Business Media LLC, 2018	<1%
8	Internet 10 words crawled on 25-Feb-2020 pubs.rsna.org	<1%

Name of Journal: *World Journal of Hepatology*

Manuscript NO: 58386

Manuscript Type: MINIREVIEWS

Molecular heterogeneity in intrahepatic cholangiocarcinoma

Ahn KS *et al.* Molecular feature of ⁹intrahepatic cholangiocarcinoma

Keun Soo Ahn, Koo Jeong Kang

Abstract

¹⁴Intrahepatic cholangiocarcinoma (iCCA) is a heterogeneous primary liver cancer, and currently there exist only a few options of targeted therapy. Histopathologically, iCCA is sub-classified according to morphology (⁸mass forming type, periductal infiltrating type, and intraductal growing type) and histology (¹¹small duct type and large duct type). According to different histopathological types, clinical features such as risk factors and prognosis varies. Recent developments in genomic profiling have revealed

ALLIMAGESVIDEOS

536,000 ResultsAny time

Intrahepatic cholangiocarcinoma (iCCA) is a **molecularly heterogeneous hepatobiliary neoplasm** with poor prognosis and limited therapeutic options. The incidence of this neoplasm is growing globally.

Author: Agrin Moeini, Agrin Moeini, Daniela Sia, Daniela Sia, Nabeel Bardeesy, Vincenzo Mazzaferro, Josep M....

Cited by: 112

Publish Year: 2016

Molecular Pathogenesis and Targeted Therapies for ...

DOI: [clincancerres.aacrjournals.org/content/clincanres/22/2/291.full.pdf](https://doi.org/10.1158/1078-0432.CCR-15-291)

Was this helpful?

Molecular profiling of intrahepatic and extrahepatic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4591249>

Cholangiocarcinoma is a heterogeneous **malignant process**, which is further classified into intrahepatic cholangiocarcinoma (ICC) and extrahepatic cholangiocarcinoma (ECC). The poor prognosis of the disease is partly due to the lack of understanding of the disease mechanism.

Cited by: 20

Author: Juan Putra, Francine B. de Abreu, Jason D. ...

Publish Year: 2015

Intrahepatic cholangiocarcinoma: Molecular markers for ...

<https://www.sciencedirect.com/science/article/pii/S0960740416302079>

Jun 01, 2017 · **Cholangiocarcinoma** (CCA) is a diverse group of rare but often highly fatal malignancies arising from the biliary tract epithelium. CCA encompasses three distinct anatomic categories, namely **intrahepatic** (iCCA), **perihilar** (pCCA) and **distal** (dCCA) **cholangiocarcinoma**, all of which demonstrate different clinical, morphologic and epidemiologic features ().

Cited by: 21

Author: Amir A. Rahnama-Azar, Allison Weisbrod, ...

Publish Year: 2017

Cholangiocarcinoma Heterogeneity Revealed by Multigene ...

<https://pubmed.ncbi.nlm.nih.gov/26717940>

Cholangiocarcinoma Heterogeneity Revealed by Multigene Mutational Profiling: Clinical and Prognostic Relevance in Surgically Resected Patients. Mutational gene profiling identified **different gene mutations** in EH-PCC, IH-PCC, and ICC.

Cited by: 39

Author: Andrea Ruzzenente, Matteo Fassan, Simon...

Publish Year: 2016

Molecular Pathogenesis of Cholangiocarcinoma | BMC Cancer ...

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-019-5391-0>

Feb 28, 2019 · The molecular pathogenesis of cholangiocarcinoma: The **majority of risk factors for cholangiocarcinoma cause chronic inflammation and/or cholestasis**. Inflammatory mediators such as IL-6 and TNF α activate a number of pathways such as JAK-STAT, p38 MAPK and Akt resulting in increased cell growth, survival and proliferation.

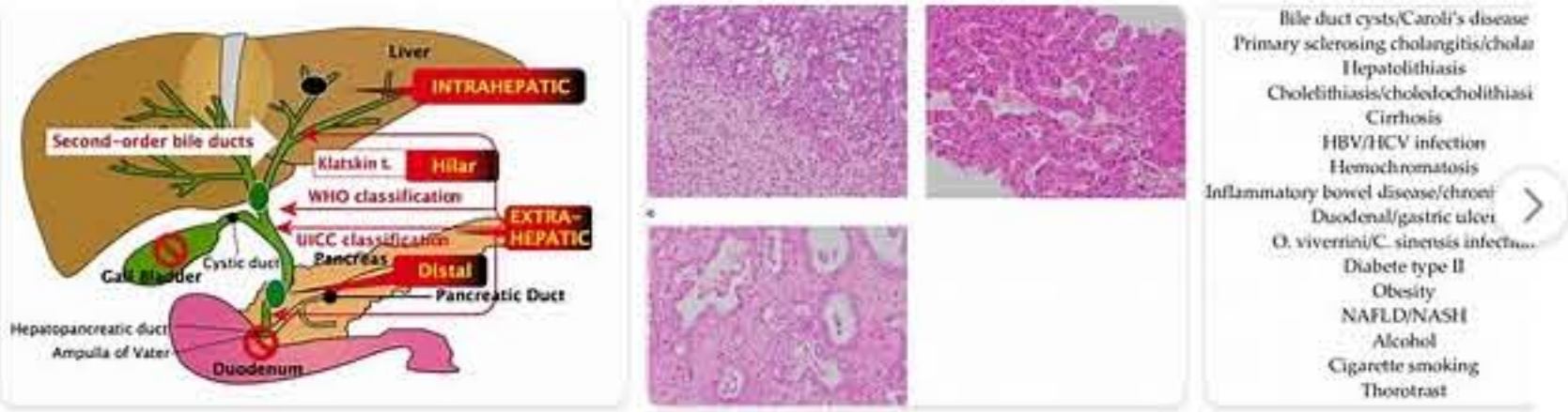
Cited by: 12

Author: Peter L. Labib, George Goodchild, Stephen ...

Publish Year: 2019

Images of Molecular Heterogeneity in intrahepatic cholangiocarcin...

[bing.com/images](https://www.bing.com/images)



See all images

Emerging molecular therapeutic targets for cholangiocarcinoma

<https://www.sciencedirect.com/science/article/pii/S016827817301976>

Sep 01, 2017 · Cholangiocarcinoma (CCA) is a heterogeneous **hepatobiliary malignancy with a dismal prognosis**.

Cited by: 80

Author: Sumera Rizvi, Gregory James Gores

Publish Year: 2017

Intrahepatic Cholangiocarcinoma: Genomic Heterogeneity ...

<https://ascopubs.org/doi/10.1200/P0.18.00414>

PURPOSE Intrahepatic cholangiocarcinoma (IHCCA), a global health problem, is increasing in incidence and has differing etiologies worldwide. Next-generation sequencing (NGS) is rapidly being incorporated into the clinical management of biliary cancers. IHCCA is enriched with actionable mutations, and there are several promising targeted therapies under development. NGS data from Asia, where ...

[PDF] Common Molecular Subtypes Among Asian Hepatocellular ...

[https://www.cell.com/cancer-cell/pdf/S1535-6108\(17\)30205-2.pdf](https://www.cell.com/cancer-cell/pdf/S1535-6108(17)30205-2.pdf)

Intrahepatic cholangiocarcinoma (ICC) and hepatocellular carcinoma (HCC) are **clinically disparate primary liver cancers with etiological and biological heterogeneity**. We identified common molecular subtypes linked to similar prognosis among 199 Thai ICC and HCC patients through systems integration of genomics, trans-criptomics, and metabolomics.

Comprehensive molecular profiling of intrahepatic ...

<https://translational-medicine.biomedcentral.com/...>

Jul 06, 2020 · The genomic alterations of intrahepatic cholangiocarcinoma (ICC) in the Chinese population have not been fully revealed. Molecular profiling may provide a reference for clinical management, especially targeted therapy.

Molecular perturbations in cholangiocarcinoma: Is it time ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/liv.14085>

CCA is highly heterogeneous not only in initiation and location but in progression as well, making it difficult to categorize CCA into distinct molecular subtypes. It is apparent that our current approaches to CCA are lacking as evidenced by the continued poor survival rates and limited treatment options.

Genomic perturbations reveal distinct regulatory networks ...

<https://www.ncbi.nlm.nih.gov/pubmed/29278425>

Intrahepatic cholangiocarcinoma remains a **highly heterogeneous malignancy that has eluded effective patient stratification to date**. The extent to which such heterogeneity can be influenced by individual driver mutations remains to be evaluated. Here, we analyzed ...

Related searches for Molecular heterogeneity in intrahepatic chol...

intrahepatic cholangiocarcinoma **treatment**

intrahepatic cholangiocarcinoma **survival**

intrahepatic cholangiocarcinoma **radiology**

intrahepatic cholangiocarcinoma **staging**

intrahepatic cholangiocarcinoma **living**

intrahepatic cholangiocarcinoma **icc**

cholangiocarcinoma **foundation**

Molecular heterogeneity in intrahepatic cholangiocarcinoma



Sign in

ALL

IMAGES

VIDEOS

529,000 Results

Any time ▼

Intrahepatic cholangiocarcinoma remains a **highly heterogeneous malignancy** that has eluded effective patient stratification to date. The extent to which such heterogeneity can be influenced by individual driver mutations remains to be evaluated.

Author: Chirag Nepal, Colm J. O'Rourke, Douglas V.N.P. Oliveira, Andrzej Taranta, Steven Shema, Prson Gautam...

Cited by: 27

Publish Year: 2018

Genomic perturbations reveal distinct regulatory networks ...

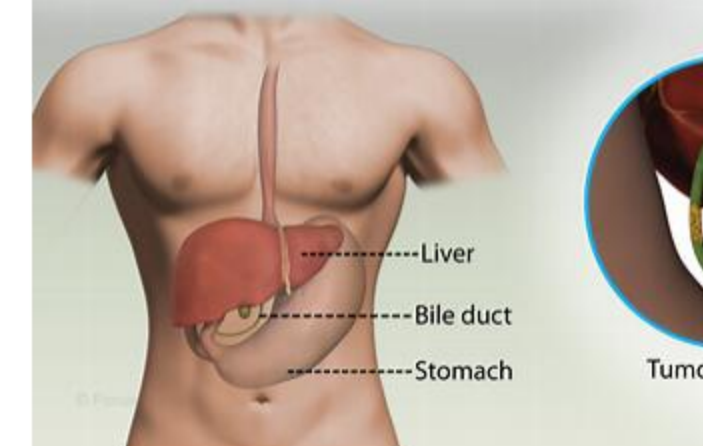
www.ncbi.nlm.nih.gov/pubmed/29278425

Was this helpful?

Bile Duct Cancer

Medical Condition

Cancer that affects the bile duct



A cancer that begins in the bile duct, which carries bile and digestive fluids from the liver.