

### Gastric Cancer: Recent Molecular Classification Advances ...

<https://ascopubs.org/doi/full/10.1200/JOP.17.00025>

Mar 17, 2018 · Gastric adenocarcinoma is the third leading cause of cancer deaths worldwide and is responsible for 723,000 deaths annually. 1 More than 90% of gastric cancers are adenocarcinoma, and current clinical classification is based on histology according to Laurén type (intestinal or diffuse) 2 and by HER2/neu amplification. Although this classification has a general association with treatment ...

Cited by: 16

Author: Aravind Sanjeevaiah, Naga Cheedella, Cai...

Publish Year: 2018

### Histotype-based prognostic classification of gastric cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3297048>

Mar 07, 2012 · Molecular analysis. In situ hybridization for the EBER1 gene of EBV was performed as described previously[3,7].Microsatellite instability was assessed at Bat 25, Bat 26, BAT40, D5S346 and D2S123 loci. Tumors with instability involving at least two of the five loci were classified as highly instable (MSI-H), while those with only one instable locus were classified as low instable (MSI-L) and ...

Cited by: 34

Author: Anna Maria Chiaravalli, Catherine Klersy, ...

Publish Year: 2012

### High PD-L1 expression in gastric cancer (GC) patients and ...

<https://www.sciencedirect.com/science/article/pii/S0344033819328171>

Apr 01, 2020 · Gastric cancer samples were collected from 300 patients between 2004 and 2007. The median age was 64 years (range, 24–86 years); 101 patients (34 %) were women, and 127 (42 %) had stage I/II disease. Lauren classification was diffuse in 142 patients (47 %), intestinal in 150 (50 %), and mixed in eight (3%).

Cited by: 7

Author: Xiaoqiao Liu, Min Gew Choi, Kyung Kim, ...

Publish Year: 2020

### A protein and mRNA expression-based classification of ...

<https://www.nature.com/articles/modpathol201655>

Apr 01, 2016 · A Five-Tier Classification of gastric adenocarcinoma. In accordance with the proposed molecular classifications and based on the results of unsupervised hierarchical clustering analysis ...

Cited by: 98

Author: Namrata Setia, Agoston T Agoston, Hye ...

Publish Year: 2016

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[Gastric cancer: immunohistochemical classification of ...](#)  
<https://pubmed.ncbi.nlm.nih.gov/29046940>  
In this study, we have used immunohistochemistry and in situ hybridisation in molecular classification of gastric adenocarcinomas with an emphasis on the intestinal subtype. A tissue microarray consisting of 244 gastric adenocarcinomas was constructed, and the tumours were divided into four subgroups based on the presence of Epstein-Barr virus ...  
Cited by: 19 Author: Eva-Marie Birkman, Eva-Marie Birkman, ...  
Publish Year: 2018

[A protein and mRNA expression-based classification of ...](#)  
<https://pubmed.ncbi.nlm.nih.gov/27032689>  
A protein and mRNA expression-based classification of gastric cancer ... unsupervised hierarchical clustering analysis using less expensive and widely available immunohistochemistry and in situ hybridization. ... we offer as a proposal a simplified algorithm that is able to reproduce the recently proposed molecular subgroups of gastric ...  
Cited by: 100 Author: Namrata Setia, Agoston T Agoston, Hye ...  
Publish Year: 2016

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PEOPLE ALSO ASK

- How is stomach cancer classified by the AJCC? ▾
- How are gastric cancers classified by their phenotypes? ▾

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Retrospective Study

Gastric cancer molecular classification based on immunohistochemistry and in situ hybridization: Analysis in western patients after curative-intent surgery

Ramos MFKP *et al.* Gastric cancer molecular classification.

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### Expression profiles of gastric cancer molecular subtypes ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8040060>

Apr 15, 2021 · Therefore, in this study, we analyzed a cohort of RGC according to molecular subtypes of GC using immunohistochemistry (IHC) and in situ hybridization (ISH). Clinical and pathological results were also compared with PGC to determine whether the expression profile and prognosis are different between PGC and RGC.

Author: Marcus Fernando Kodama Pertille Ra...

Publish Year: 2021

### Comparison and applicability of molecular classifications ...

<https://www.sciencedirect.com/science/article/pii/S0305737219300684>

Jul 01, 2019 · Setia et al. reported a protein and mRNA expression-based molecular classification of GC in a cohort of Western patients (n = 146), using widely available techniques of immunohistochemistry (IHC) and in situ hybridization (ISH). Five subgroups were identified with relevance to clinicopathologic features and trends in clinical outcome: EBV ...

Cited by: 23

Author: O. Serra, M. Galán, M.M. Ginesta, M. Ca...

Publish Year: 2019

Ethnicity: 25% East Asian

#### PEOPLE ALSO ASK

Are there any MSI-H subtypes of gastric cancer?



What are four subtypes of gastric cancer ( GC )?



How is gastric cancer classified as a disease?



Which is the best immunohistochemistry for gastric cancer?



Feedback

### Gastric cancer: The times they are a-changin'

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4644853>

Nov 15, 2015 · The Cancer Genoma Atlas (TCGA) analysis uncovered four main genotypes of gastric cancer based on the molecular characterization of 295 primary adenocarcinomas: Epstein-Barr virus (EBV) positive; microsatellite unstable (MSI); genomically stable (GS); and tumors with chromosomal