Recent advances in gastrointestinal cancer diagnosis
Gastric cancer (GC) remains an important cause of cancer death worldwide with a high mortality rate due to the fact that the majority of GC cases are diagnosed at an advanced stage when the prognosis... Cited by 64 Author: Laura Nicolai, Lilia Marile, Domenico Drogo, ...
Published Year: 2016

Recent advances in diagnosis and treatment for...
Recent advances in diagnostic imaging made it possible to detect early cancers in the gastrointestinal tract, while the development of novel antitumor agents has contributed to improved... Cited by 3 Author: Mutsuzuki, Watanabe, Hideo Baez, Chikas...
Published Year: 2012
Approach to the diagnosis of aplastic anemia | Blood...
https://ashpublications.org/bloodadvances/article/...  
Jun 22, 2021 - The bone marrow failure (BMF) state of aplastic anemia (AA) is marked by cytopenias and ineffective hematopoiesis. 1 AA confers a significant risk for mortality and death as a result of its progressive/relapsing nature, and/or complications related to suboptimal therapy. 2 3 Without definitive treatment, mortality from severe AA (SAA) approaches 70% at 2 years. 4 Establishing an accurate...

Artificial Intelligence Based on Blood Biomarkers...
https://americans-getting-disaster-prepared.com/index.php/2021/05/16/artificial...  
May 18, 2021 - Artificial Intelligence Based on Blood Biomarkers (including CTCs and/or) by americantlazoe. May 18, 2021. In Survival skills 9...
Name of Journal: World Journal of Gastroenterology
Manuscript No: 02957
Manuscript Type: MINIREVIEWS

Recent advances in blood-based and AI-enhanced approaches for gastrointestinal cancer diagnosis

Li-Shi Li, Xiang-Yu Guo, Kun Sun

Abstract
Gastrointestinal cancers are among the most common cancer types and leading causes of cancer-related deaths worldwide. There is tremendous clinical need for effective
Approach to the diagnosis of aplastic anemia | Blood ...
https://ashpublications.org/bloodadvances/article/...  
Jun 22, 2021 - The bone marrow failure (BMF) state of aplastic anemia (AA) is marked by cytopenias and ineffective hematopoiesis. 1 AA carries a significant risk for morbidity and death as a result of its progressive natural history and/or complications related to suboptimal therapy. 2, 3 Without definitive treatment, mortality from severe AA (SAA) approaches 70% at 2 years. 4 Establishing an accurate ...
Author: Amy E. DeZern, Jane E. Churpek  Publish Year: 2021

Artificial Intelligence Based on Blood Biomarkers ...
https://americans-getting-disaster-prepared.com/index.php/2021/05/18/artificial...  
May 18, 2021 - Artificial Intelligence Based on Blood Biomarkers Including CTCs Predi by americandaze. May 18, 2021. in Survival skills. 0 ...

Artificial intelligence in gastrointestinal diseases
Recent progress in AI has resulted in predictive tools for the diagnosis of GI cancer classification, where network-based machine learning in colorectal and bladder organoid models predicts drug responders and non-responders using network analysis of pharmacogenomics data and the patient’s transcriptome.
Author: Shihori Tanabe, Edward J Perkins, Ry...  Publish Year: 2021

Deep Learning/Artificial Intelligence and Blood-Based DNA ...
https://khepri-node.dev.meta-infra.org/papers/deep...  
The etiology of cerebral palsy (CP) is complex and remains inadequately understood. Early detection of CP is an important clinical objective as this improves long-term outcomes. We performed genome-wide DNA methylation analysis to identify epigenomic predictors of CP in newborns and to investigate disease pathogenesis. Methylation analysis of newborn blood DNA using an Illumina ...

Artificial Intelligence in Colorectal Cancer Screening ...
The development of artificial intelligence (AI) algorithms has permeated the medical field with great