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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 52439

Manuscript Type: REVIEW

Examining pathogenic concepts of autoimmune hepatitis for cues to future investigations and interventions

Abstract

Multiple pathogenic mechanisms have been implicated in autoimmune hepatitis, but they have not fully explained susceptibility, triggering events, and maintenance or escalation of the disease. Furthermore, they have not identified a critical defect that can be targeted. The goals of this review are to examine the diverse pathogenic mechanisms that have been considered in autoimmune hepatitis, indicate investigational opportunities to validate their contribution, and suggest interventions that might evolve to modify their impact. English abstracts were identified in PubMed by multiple search terms. Full length articles were selected for review and secondary and tertiary

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Epigenetic changes and their implications in autoimmune ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/eci.12899>

Autoimmune hepatitis is a complex immune-mediated liver disease of unknown cause 1. A genetic predisposition has been described based mainly on the association of **autoimmune hepatitis** with certain human leucocyte antigens (HLAs) 2, 3. These genetic associations have varied in different ethnicities and age groups.

Cited by: 8

Author: Albert J. Czaja

Publish Year: 2018

Current Concepts in the Diagnosis, Pathogenesis, and ...

<https://www.sciencedirect.com/science/article/pii/S0025619611628012>

Autoimmune hepatitis has a global distribution and affects all ages. Genetic factors strongly influence susceptibility, clinical expression, and **treatment response**. The **diagnosis of autoimmune hepatitis** has been codified by an international panel. An acute or fulminant presentation is ...

Cited by: 50

Author: Jameela Abdullah Al-Khalidi, Albert J. Czaja

Publish Year: 2001

Review article: next-generation transformative advances in ...

<https://onlinelibrary.wiley.com/doi/10.1111/apt.14324>

Sep 13, 2017 · Advances in autoimmune hepatitis that transform current concepts of **pathogenesis and management** can be anticipated as **products of ongoing investigations** driven by unmet clinical needs and an evolving biotechnology.

Cited by: 12

Author: A. J. Czaja

Publish Year: 2017

(PDF) Current concepts of autoimmune hepatitis

<https://www.researchgate.net/publication/7936681...>

Autoimmune hepatitis affects all ages, may be asymptomatic, frequently has an **acute onset**, and can present as **fulminant hepatitis**. Perivenular (zone 3) necrosis is within the histological spectrum.

Recent Insights Into the Role of Autoimmunity in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3050556>

Dilated cardiomyopathy is a devastating disease associated with poor outcomes. Although the etiology of this disease remains largely unknown, so-called "idiopathic" dilated cardiomyopathy (IDCM) is associated



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Background: Advances in autoimmune hepatitis that transform current concepts of pathogenesis and management can be anticipated as products of ongoing investigations driven by unmet clinical needs and an evolving biotechnology.

Cited by: 12

Author: A. J. Czaja

Publish Year: 2017

Review article: next-generation transformative advances in ...

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Advances in autoimmune hepatitis that transform current concepts of pathogenesis and management can be anticipated as products of ongoing investigations driven by unmet clinical needs and an evolving biotechnology.

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Author: A. J. Czaja

Publish Year: 2017

Under-Evaluated or Unassessed Pathogenic Pathways in ...

https://www.researchgate.net/publication/324596324_Under-Evaluated_or_Unassessed...

The goals of this review are to describe key pathogenic pathways that have been under-evaluated or unassessed in autoimmune hepatitis, describe insights that may shape future therapies, and ...

Current Concepts in the Diagnosis, Pathogenesis, and ...

<https://www.sciencedirect.com/science/article/pii/S0025619611628012>

Autoimmune hepatitis has a global distribution and affects all ages. Genetic factors strongly influence susceptibility, clinical expression, and treatment response. The diagnosis of autoimmune hepatitis has been codified by an international panel. An acute or fulminant presentation is ...

Cited by: 50

Author: Jameela Abdullah Al-Khalidi, Albert J. Czaja

Publish Year: 2001

Understanding the pathogenesis of autoimmune hepatitis

https://www.researchgate.net/publication/230896791_Understanding_the_pathogenesis_of...

Studies on gene polymorphisms outside the MHC and knowledge of genetic predispositions for autoimmune hepatitis may not only elucidate pathogenic mechanisms, but also ...



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[\(PDF\) Eosinophils in Autoimmune Diseases](#) 翻译此页

By examining the role of eosinophils in autoimmune diseases of different organs, we can identify common pathogenic mechanisms. ... These investigations suggest that the dynamic recruitment of ...

https://www.researchgate.net/publication/316526414_Eosinophils_in_Autoimmune_Diseases

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位置: 8600 Rockville Pike, Bethesda, MD

2017-1-25 · Fibrosis is a pathological feature of most chronic inflammatory diseases. Fibrosis, or scarring, is defined by the accumulation of excess extracellular matrix components. If highly progressive, the fibrotic process eventually leads to organ malfunction and death. Fibrosis affects nearly every tissue ...

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Environmental Triggers and Epigenetic Deregulation in Autoimmune Disease Article · Literature Review in Discovery medicine 12(67):535-45 · December 2011 with 340 Reads How we measure 'reads'

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Beneficial response to mycophenolate mofetil by patients with autoimmune hepatitis who have failed standard therapy, is predicted by older age and lower immunoglobulin G and INR levels

https://www.researchgate.net/publication/332377353_Beneficial_response_to_mycophenol...

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Features associated with treatment failure in type 1 autoimmune hepatitis and predictive value of the model of end-stage liver disease

https://www.researchgate.net/publication/6170295_Features_associated_with_treatment...

[CARs: Synthetic Immunoreceptors for Cancer Therapy ...](#) 翻译此页

Cited by: 54

Author: ZeNan L. Chang, Yvonne Y. Chen

Publish Year: 2017

Chimeric antigen receptors (CARs) are versatile synthetic receptors that provide T cells with engineered specificity. Clinical success in treating B-cell malignancies has demonstrated the therapeutic potential of CAR-T cells against cancer, and efforts are underway to expand the use of engineered T cells to the