

国内版

国际版

Autophagy related protein 9A increase in hepatitis B virus-associat



ALL

IMAGES

VIDEOS

56,600 Results

Any time ▾

### Increased ATG5-ATG12 in hepatitis B virus-associated ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5055866>

Oct 07, 2016 · **Hepatitis B virus (HBV) infection** is **associated** with **hepatocellular carcinoma (HCC)** and has been proved to induce **autophagy** for its replication and survival. The involvement of some **autophagic genes** on **cancer cell** survival is still unknown.

Cited by: 8

Author: Areerat Kunanopparat, Ingorn Kimkong,...

Publish Year: 2016

### The Role of Autophagy in Hepatocellular Carcinoma

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4661843>

Increasing studies have indicated the crucial **role** of **autophagy** in liver diseases. The dysregulation of **autophagy** is associated with viral **hepatitis**, non-alcoholic fatty liver disease, alcoholic liver disease, fibrosis, cirrhosis, and **hepatocellular carcinoma (HCC)** [1,12].

Cited by: 65

Author: Yoo Jin Lee, Byoung Kuk Jang

Publish Year: 2015

### Autophagy Suppresses Tumorigenesis of Hepatitis B Virus ...

<https://europepmc.org/articles/PMC4298796>

Feb 01, 2014 · **Autophagy suppresses tumorigenesis of hepatitis B virus-associated hepatocellular carcinoma** through **degradation of microRNA-224**.

Cited by: 161

Author: Sheng Hui Lan, Shan Ying Wu, Roberto ...

Publish Year: 2014

### Autophagy suppresses tumorigenesis of hepatitis B virus ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.26659>

**Autophagy suppresses tumorigenesis of hepatitis B virus-associated hepatocellular carcinoma** through **degradation of microRNA-224** Sheng-Hui Lan Institute of **Basic Medical Sciences**, College of Medicine, National Cheng Kung University, Tainan, Taiwan

Cited by: 161

Author: Sheng Hui Lan, Shan Ying Wu, Roberto ...

### Increased ATG5-ATG12 in hepatitis B virus-associated ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5055866>

Oct 07, 2016 · Keywords: **Autophagy**, **Hepatitis B virus**, **Hepatocellular carcinoma**, **ATG12**, **Apoptosis**, **Cell cycle**, **Notch signaling** Core tip: **ATG5-ATG12 protein** expression was increased in **hepatitis B virus (HBV)**-transfected HepG2.2.15 cells when they were compared with HepG2 cells and was increased in tumor liver tissues compared to adjacent non-tumor tissues ...

**Cited by:** 8

**Author:** Areerat Kunanopparat, Ingorn Kimkong, Ta...

**Publish Year:** 2016

### The Role of Autophagy in Hepatocellular Carcinoma

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4661843>

Increasing studies have indicated the crucial role of **autophagy** in liver diseases. The dysregulation of **autophagy** is associated with viral **hepatitis**, non-alcoholic fatty liver disease, alcoholic liver disease, fibrosis, cirrhosis, and **hepatocellular carcinoma (HCC)** [1,12].

**Cited by:** 69

**Author:** Yoo Jin Lee, Byoung Kuk Jang

**Publish Year:** 2015

### Autophagy Suppresses Tumorigenesis of Hepatitis B Virus ...

<https://europepmc.org/articles/PMC4298796>

Feb 01, 2014 · **Hepatocellular carcinoma (HCC)** is the fifth most common cancer worldwide and is the leading cause of cancer-related death. Moreover, HCC is often diagnosed at a late stage and the prognosis is poor. 1 Recent studies highlight new molecular mechanisms involved in HCC progression, including **autophagy** and microRNAs (miRNAs). 2 **Autophagy** induced by metabolic stresses is a ...

**Cited by:** 162

**Author:** Sheng Hui Lan, Shan Ying Wu, Roberto Zuc...

**Publish Year:** 2014

Name of Journal: World Journal of Hepatology

Manuscript NO: 58649

Manuscript Type: LETTERS TO THE EDITOR

Autophagy related protein 9A increase<sup>1</sup> in hepatitis B virus-associated hepatocellular carcinoma and the role in apoptosis

Kimkong I *et al.* ATG9A in HBV-associated hepatocellular carcinoma

#### Abstract

The majority of hepatocellular carcinoma (HCC) cases are associated with the hepatitis B virus (HBV) infection. Autophagy related protein 9A (ATG9A) is a transmembrane protein required for autophagosome formation. In order to investigate the role of ATG9A in HBV-associated HCC, ATG9A protein was determined in tumor liver tissues and compared with adjacent non-tumor tissues from HCC patients with or without HBV infection. In HBV-associated HCC tissues, ATG9A protein level was increased in tumor

#### Match Overview

1	Internet 24 words crawled on 12-May-2018 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	3%
2	Internet 21 words crawled on 05-Jun-2017 <a href="http://healthweblognews.info">healthweblognews.info</a>	3%
3	Internet 13 words crawled on 21-Sep-2017 <a href="http://hai-pasteur.archives-ouvertes.fr">hai-pasteur.archives-ouvertes.fr</a>	2%

国内版 国际版

Autophagy related protein 9A increase in hepatitis B virus-associa



ALL IMAGES VIDEOS

56,200 Results

Any time ▾

### Increased ATG5-ATG12 in hepatitis B virus-associated ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5055866>

Oct 07, 2016 · **Hepatitis B virus (HBV) infection** is associated with **hepatocellular carcinoma (HCC)** and has been proved to induce **autophagy** for its replication and survival. The involvement of some **autophagic genes** on **cancer cell** survival is still unknown.

Cited by: 8

Author: Areerat Kunanopparat, Ingorn Kimkong,...

Publish Year: 2016

### The Role of Autophagy in Hepatocellular Carcinoma

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4661843>

Increasing studies have indicated the crucial **role** of **autophagy** in liver diseases. The dysregulation of **autophagy** is associated with viral **hepatitis**, non-alcoholic fatty liver disease, alcoholic liver disease, fibrosis, cirrhosis, and **hepatocellular carcinoma (HCC)** [1,12].

Cited by: 69

Author: Yoo Jin Lee, Byoung Kuk Jang

Publish Year: 2015

### Autophagy Suppresses Tumorigenesis of Hepatitis B Virus ...

<https://europepmc.org/articles/PMC4298796>

Feb 01, 2014 · **Autophagy suppresses tumorigenesis of hepatitis B virus-associated hepatocellular carcinoma** through **degradation of microRNA-224**.

Cited by: 162

Author: Sheng Hui Lan, Shan Ying Wu, Roberto ...

Publish Year: 2014

### Autophagy suppresses tumorigenesis of hepatitis B virus ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.26659>

**Autophagy suppresses tumorigenesis of hepatitis B virus-associated hepatocellular carcinoma** through **degradation of microRNA-224** Sheng-Hui Lan Institute of **Basic Medical Sciences**. College of Medicine. National Cheng Kung University. Tainan. Taiwan