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**Role of lncRNA-mediated ceRNA regulatory network in hepatocellular carcinoma**

Niu ZS *et al.* LncRNA-mediated ceRNA network in HCC

**Zhao-Shan Niu, Wen-Hong Wang, Xian-Ning Dong, Li-Mei-Li Tian**

**Abstract**

### Match Overview

1	<b>Crossref</b> 24 words Ying-Chun Liang, Yu-Peng Wu, Dong-Ning Chen, Shao-Hao Chen, Xiao-Dong Li, Xiong-Lin Sun, Yong Wei, Xu Ning,	<1%
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## [Construction and Analysis of lncRNA-Mediated ceRNA Network ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6474298>

The **mir-143**, **mir-183**, and **mir-205** are of particular importance in the ceRNA network core. **Zhao et al.** reported that microRNA-143/145 cluster is downregulated in **hepatitis B virus-associated** hepatocellular carcinoma, thus serving as a potential biomarker for tumorigenesis in patients with **chronic hepatitis B**.

**Cited by:** 1

**Author:** Weihao Chen, Xudong Chen, Yurong Wang, ...

**Publish Year:** 2019

## [Role of the lncRNA-p53 regulatory network in cancer ...](#)

<https://academic.oup.com/jmcb/article/6/3/181/2886271> ▾

Apr 09, 2014 · Increasing evidence indicates that lncRNAs can function as master gene regulators, regulate a large number of genes, and impact a variety of cellular pathways. In this review, we discuss the **role** of lncRNAs in the p53 **regulatory network** in cancer, focusing on how lncRNAs regulate p53 and how lncRNAs are regulated by p53.

**Cited by:** 98

**Author:** Ali Zhang, Min Xu, Yin-Yuan Mo

**Publish Year:** 2014

## [Analysis of lncRNA-Mediated ceRNA Crosstalk and ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6409312>

Analysis of lncRNA-Mediated ceRNA Crosstalk and Identification of Prognostic Signature in Head and Neck Squamous Cell **Carcinoma**. ... and a miRNA-mRNA **network** were integrated into a comprehensive **ceRNA regulatory network** to demonstrate the interactions of DEmiRNAs with DElncRNAs or DEMRNAs.

**Cited by:** 7

**Author:** Yunbao Pan, Guohong Liu, Dujuan Wang, Yi...

**Publish Year:** 2019

## [Role of BCYRN1 in hepatocellular carcinoma pathogenesis by](#)



Role of lncRNA-mediated ceRNA regulatory network in hepatocel



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<https://www.sciencedirect.com/science/article/pii/S2162253120300408>

Given the complex pathogenesis and heterogeneity of MG, no one **treatment therapy** is best for all MG patients. 27 Extensive evidence indicates that **lncRNAs play critical roles in regulation** of the **immune system** and in autoimmune disease. 7 The recently uncovered **lncRNA-mediated ceRNA regulatory theory** and **networks** improve our understanding of the precise molecular mechanism of MG.

**Author:** Jianjian Wang, Yuze Cao, Yuze Cao, Xia... **Publish Year:** 2020

### [Role of lncRNA and EZH2 Interaction/Regulatory Network in ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6277609)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6277609>

Oct 18, 2018 · Functions and mechanisms of lncRNAs in lung cancer. lncRNAs has been emerged as novel master regulators, playing a major **regulatory role** in various biological processes, such as cell cycle regulation, proliferation, survival, apoptosis, migration, invasion and chemoresistance 10, 11. To data, a large number of lncRNAs that play a key **role** in cell function regulation may be used as potential ...

**Cited by:** 6

**Author:** Min Su, Yuhang Xiao, Jinming Tang, Jie Wu...

**Publish Year:** 2018

### [Construction and Analysis of lncRNA-Mediated ceRNA Network ...](#)



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## [The role of noncoding RNA in hepatocellular carcinoma](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4115723>

Although comparatively less understood in human cancers, increasing studies indicated **long ncRNAs play crucial role in regulating** numerous development and biological pathway in genome (3,4). As the one of most **common cancers** worldwide, primary hepatocellular carcinoma (HCC) is threatening many people's health especially in developing countries.

**Cited by:** 17

**Author:** Zhuolu Wang, Xinying Li

**Publish Year:** 2013

## [Long Noncoding RNA \(lncRNA\)-Mediated Competing Endogenous ...](#)

<https://www.mdpi.com/1422-0067/20/22/5758/htm>

Colorectal cancer (CRC) is the third most common cancer and has a high metastasis and reoccurrence rate. **Long noncoding** RNAs (lncRNAs) play an important **role** in CRC growth and metastasis. Recent studies revealed that lncRNAs participate in CRC progression by coordinating with microRNAs (miRNAs) and protein-coding mRNAs. lncRNAs function as competitive **endogenous** RNAs (ceRNAs) by ...

**Cited by:** 10

**Author:** Liye Wang, Kwang Bog Cho, Yan Li, Gab...

**Publish Year:** 2019

## [Long noncoding RNA CCAT1 promotes hepatocellular carcinoma ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4339002>

Feb 19, 2015 · Background. **Long noncoding RNAs (lncRNAs)** have been identified as having functional **roles** in cancer biology and are deregulated in many cancers. The present study aimed to determine the expression, **roles and functional mechanisms** of a **long noncoding RNA CCAT1** in the progression of hepatocellular carcinoma (HCC).

**Cited by:** 196

**Author:** Liang Deng, Shi-Bin Yang, Feng-Feng Xu...

**Publish Year:** 2015

## [LncRNA-HNF1A-AS1 functions as a competing endogenous RNA ...](#)

<https://www.nature.com/articles/s41416-020-0836-4>

Apr 27, 2020 · Accumulating evidence demonstrated that **long noncoding** RNAs (lncRNAs) played