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Exploring the prognostic potential of long noncoding RNA in



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### Long Noncoding RNA Expression Signatures of Colon Cancer ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6432706>

Mar 11, 2019 · Long Noncoding RNA Expression Signatures of Colon Cancer Based on the ceRNA Network and Their Prognostic Value Yang Cheng , # 1 , 2 Lanlan Geng , # 2 Kunyuan Wang , # 1 Jingjing Sun , 2 Wanfu Xu , 2 Sitang Gong , 2 and Yun Zhu 1

Author: Yang Cheng, Yang Cheng, Lanlan Ge... Publish Year: 2019

### Prognostic lncRNAs, miRNAs, and mRNAs Form a Competing ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6691151>

Aug 06, 2019 · Prognostic competing endogenous RNA (ceRNA) network in colon cancer. The red indicates of the strongly expressed RNAs, and the green indicates the weakly expressed RNAs. The square represents lncRNAs, the diamond represents miRNAs, and the ellipse represents mRNAs.

### Long noncoding RNAs predict the survival of patients with ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/cam4.1813>

Long noncoding RNAs (lncRNAs) are aberrantly expressed in various cancers types and can function as competing endogenous RNAs (ceRNAs), which promote and maintain tumor initiation and progression. In this study, we explored the functional roles and regulatory mechanisms of lncRNAs as ceRNAs in colorectal cancer and their clinical potential as biomarkers.

Cited by: 5 Author: Hui Zhang, Zhuo Wang, Jianzhong Wu, R...

Publish Year: 2019

### Integrated analysis of long noncoding RNA associated ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/cas.13778>

Aug 27, 2018 · Long noncoding RNA (lncRNA) could bind sites of miRNA which affect the expression of mRNA according to the competing endogenous (ceRNA) theory. The aim of the present study was to construct a ceRNA network and to identify key lncRNA to predict survival prognosis.

Cited by: 4 Author: Hang Yin, Xiaoyuan Wang, Xue Zhang, Y...

Publish Year: 2018

### Long non-coding RNA H19 and cancer: A competing ...

<https://www.sciencedirect.com/science/article/pii/S0007455119303273>

Long non-coding RNA (lncRNA) is a class of non-coding RNA with a length of more than 200 nucleotides, which has become a hotspot in the research of tumorigenesis and development i

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 52258

**Manuscript Type:** ORIGINAL ARTICLE

### *Basic Study*

**Exploring the prognostic potential of long noncoding RNA in colorectal cancer based on competing endogenous RNA networks**

Yang ZD *et al.* Exploring the prognostic potential of lncRNAs in CRC

Zhi-Dong Yang, Hui Kang

### **Abstract**

BACKGROUND

#### Match Overview

**1** **Internet** 27 words  
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[cancer-ci.biomedcentral.com](http://cancer-ci.biomedcentral.com) 1%

**2** **Crossref** 19 words  
Hui Zhang, Zhuo Wang, Jianzhong Wu, Rong Ma, Jifeng Feng. "Long noncoding RNAs predict the survival of patients" 1%





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## Biomarker and competing endogenous RNA potential of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5077270>

Accumulating evidence suggests **long noncoding RNAs (lncRNAs)** play important roles in the **initiation and progression of cancers**. However, their functions in **chromophobe renal cell carcinoma (chRCC)** are not fully understood.

Cited by: 20

Author: Hai-Tao He, Mu Xu, Ye Kuang, Xiao-Yun ...

Publish Year: 2016

## Discovery of potential prognostic long non-coding RNA ...

<https://www.nature.com/articles/srep31038>

Aug 09, 2016 · As **breast cancer** is a heterogeneous disease at the clinicopathological and molecular levels, traditional **prognostic factors**, including stage, **lymph node status**, tumor size, tumor grade, lymphatic and vascular invasion, seem not to be sufficient for predicting the **risk of tumor recurrence** in **breast cancer patients**.

Cited by: 32

Author: Meng Zhou, Lei Zhong, Wanying Xu, Yifa...

Publish Year: 2016

Author: Meng Zhou

## Cancer Specific Long Noncoding RNAs ... - PubMed Central ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4619599>

Oct 22, 2015 · **Cancer Specific Long Noncoding RNAs Show Differential Expression Patterns and Competing Endogenous RNA Potential** in Hepatocellular Carcinoma Jian Zhang , # 1, 2 Dahua Fan , # 3 Zhixiang Jian , 4 George G. Chen , 1, \* and Paul B. S. Lai 1, \*

Cited by: 85

Author: Jian Zhang, Jian Zhang, Dahua Fan, Zhixi...

Publish Year: 2015

## Long Noncoding RNA Expression Signatures of Colon Cancer ...

<https://www.hindawi.com/journals/dm/2019/7636757> ▾

The specific functional roles of **long noncoding RNAs (lncRNAs)** as **ceRNAs** in **colon cancer** and their **potential implications** for **colon cancer prognosis** remain unclear. In the present study, a genome-wide analysis was performed to investigate the **potential lncRNA-mediated ceRNA** interplay in **colon cancer** based on the **ceRNA hypothesis**; The **prognostic value** of the **lncRNAs** ...

Author: Yang Cheng, Yang Cheng, Lanlan Ge...

Publish Year: 2019

## Long non-coding RNA H19 and cancer: A competing ...





Exploring the prognostic potential of long noncoding RNA in



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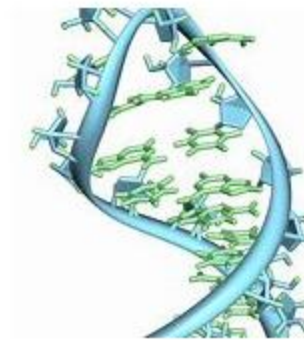
**Publish Year:** 2016

**Author:** Meng Zhou

## Cancer Specific Long Noncoding RNAs ... - PubMed Central ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4619599>

## RNA



Ribonucleic acid (RNA) is a polymeric molecule essential in various biological roles in coding, decoding, regulation and expression of genes. RNA and DNA are nucleic acids, and, along with lipids, proteins and

carbohydrates, constitute the four major macromolecules essential for all known forms of life. Like DNA, RNA is assembled as a chain of nucleotides, but unlike DNA it is more often found in nature as a single strand folded onto itself, rather than a paired double strand. Cellular organisms use messenger RNA (mRNA) to convey genetic information (using the nitrogenous bases of guanine, uracil, adenine, and cytosine, denoted by the letters G, U, A, and C) that directs synthesis of specific proteins. Many viruses encode their genetic information using an RNA genome.