



Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 39996

Manuscript Type: REVIEW

New prognostic biomarkers of mortality in patients undergoing liver transplantation for hepatocellular carcinoma

Leonardo Lorente

**Abstract**

The outcome prediction of hepatocellular carcinoma (HCC) patients undergoing liver transplantation (LT) was classically established using various macromorphological factors and serum alpha-fetoprotein levels prior to LT. However, other biomarkers have recently been reported to be associated with the prognosis of HCC patients undergoing to LT. This review summarizes clinical data

**Match Overview**

1	<b>Crossref</b> 77 words Leonardo Lorente, Sergio T. Rodriguez, Pablo Sanz, Antonia Pérez-Cejas et al. "Serum total antioxidant capacity	2%
2	<b>Internet</b> 66 words crawled on 06-Apr-2016 <a href="http://www.mdpi.com">www.mdpi.com</a>	1%
3	<b>Crossref</b> 43 words A. R. Hakeem. "Systematic review: the prognostic role of alpha-fetoprotein following liver transplant for hepatocellular carcinoma"	1%
4	<b>Crossref</b> 36 words Leonardo Lorente, María M. Martín, Antonia Pérez-Cejas, José Ferreres et al. "Non-survivor septic patients have higher levels of alpha-fetoprotein"	1%
5	<b>Crossref</b> 35 words Leonardo Lorente, Sergio T. Rodriguez, Pablo Sanz, Antonia Pérez-Cejas et al. "High serum soluble CD40L level is associated with poor prognosis in hepatocellular carcinoma"	1%
6	<b>Crossref</b> 34 words Adrian Ally, Miruna Balasundaram, Rebecca Carlsen, Eric Chuah et al. "Comprehensive and Integrative Genomics Reveals Novel Biomarkers for Hepatocellular Carcinoma"	1%
7	<b>Crossref</b> 27 words Leonardo Lorente, Sergio Rodriguez, Pablo Sanz, Antonia Pérez-Cejas et al. "Serum total antioxidant capacity is associated with poor prognosis in hepatocellular carcinoma"	1%

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 418,000 条结果 (用时 0.45 秒)

### Google 学术 : New prognostic biomarkers of mortality in patients undergoing liver transplantation for hepatocellular carcinoma

... of small hepatocellular carcinomas in patients with ... - Mazzaferro - 被引用次数 : 5797

... tumor recurrence in hepatocellular carcinoma patients ... - Yang - 被引用次数 : 550

... to predict survival in patients with end-stage liver ... - Kamath - 被引用次数 : 4102

### Pretreatment neutrophil-lymphocyte ratio: useful prognostic biomarker ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5779314/> - [翻译此页](#)

作者 : M Najjar - 2018 - 被引用次数 : 1 - [相关文章](#)

2018年1月18日 - Hepatocellular carcinoma (HCC) is the most common liver ... Keywords: neutrophil-lymphocyte ratio, hepatocellular carcinoma, liver resection, liver transplantation ... survival (OS) and higher recurrence rates in patients undergoing LT .... NLR, neutrophil-lymphocyte ratio; NPF, new prognostic factor, OS, ...

### Prediction of hepatocellular carcinoma biological behavior in patient ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4698488/> - [翻译此页](#)

作者 : U Cillo - 2016 - 被引用次数 : 15 - [相关文章](#)

2016年1月7日 - Although research has been attempting to identify new makers, gross ... Hepatocellular carcinoma patients' pre-transplant  $\alpha$ -fetoprotein level, .... In a study by Yang et al[50] focusing on novel prognostic biomarkers for .... The importance of glypican 3 in patients with HCC undergoing liver transplantation has ...

### The pretransplant neutrophil-lymphocyte ratio as a new prognostic ...

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 1,550,000 条结果 (用时 0.53 秒)

### Google 学术 : [New prognostic biomarkers of mortality in patients undergoing liver transplantation for hepatocellular carcinoma](#)

A model to predict poor survival in patients undergoing ... - Malinchoc - 被引用次数 : 2284

... of small hepatocellular carcinomas in patients with ... - Mazzaferro - 被引用次数 : 5788

... tumor recurrence in hepatocellular carcinoma patients ... - Yang - 被引用次数 : 562

### [Liver transplantation for hepatocellular carcinoma - NCBI - NIH](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3924634/> ▾ [翻译此页](#)

作者 : J Byam - 2013 - 被引用次数 : 38 - [相关文章](#)

Key Words: [Hepatocellular carcinoma](#), [heptatoma](#), [liver transplantation](#) ... This new therapeutic option may open more doors that include liver ... On cytology, tumor cells of HCC may show fatty change, Mallory bodies, ... Molecular markers ... of patients, the Okunda classification is considered more useful as a prognostic ...

### [Recurrence After Liver Transplantation for Hepatocellular Carcinoma ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/27611615> ▾ [翻译此页](#)

作者 : KJ Halazun - 2017 - 被引用次数 : 28 - [相关文章](#)

Recurrence After Liver Transplantation for Hepatocellular Carcinoma: A New MORAL to ... are used to allocate livers to patients with HCC requiring liver transplantation (LT) but ... Biological markers including the neutrophil-lymphocyte ratio (NLR) and ... METHODS: Prospective cohort study of adults undergoing LT for HCC ...

### [Liver transplantation for intermediate hepatocellular carcinoma: An ...](#)

<https://www.wjgnet.com/1007-9327/full/v23/i18/3195.htm> ▾ [翻译此页](#)

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 375,000 条结果 (用时 0.57 秒)

### Google 学术: [New prognostic biomarkers of mortality in patients undergoing liver transplantation for hepatocellular carcinoma](#)

A model to predict poor survival in patients undergoing ... - [Malinchoc](#) - 被引用次数: 2284

... of small [hepatocellular carcinomas](#) in patients with ... - [Mazzaferro](#) - 被引用次数: 5788

... [tumor recurrence](#) in [hepatocellular carcinoma](#) patients ... - [Yang](#) - 被引用次数: 562

### [Liver transplantation for hepatocellular carcinoma - NCBI - NIH](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3924634/> ▼ [翻译此页](#)

作者: J Byam - 2013 - 被引用次数: 38 - [相关文章](#)

Key Words: [Hepatocellular carcinoma](#), [hepatoma](#), [liver transplantation](#) ... This [new](#) therapeutic option may open more doors that include [liver](#) ... On cytology, [tumor](#) cells of HCC may show fatty change, Mallory bodies, ... [Molecular markers](#) ... of [patients](#), the Okuda classification is considered more useful as a [prognostic](#) ...

### [Liver transplantation for hepatocellular carcinoma - factors influencing ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4641125/> ▼ [翻译此页](#)

作者: R Fahrner - 2015 - 被引用次数: 4 - [相关文章](#)

2015年11月14日 - [Liver transplantation](#) can be a curative treatment in selected [patients](#). .... recurrence and [mortality](#) in a cohort of 1074 [patients](#) transplanted for HCC[22]. .... Novel [biomarkers](#) for [hepatocellular carcinoma](#) surveillance: has the future arrived? .... Evaluation of [prognostic](#) factors on recurrence after curative ...

### [Liver transplantation for hepatocellular carcinoma: Role of ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3882391/> ▼ [翻译此页](#)

作者: M Cescon - 2013 - 被引用次数: 23 - [相关文章](#)

2013年12月28日 - Criteria for [liver transplantation](#) (LT) for [hepatocellular carcinoma](#) ... Core tip: This review focuses on inflammatory [markers](#) recently .... and lower recurrence-related [mortality](#) in sirolimus-treated [patients](#) ... [new](#) indicators for [prognosis](#) of [patients](#) with HCC undergoing various types of treatment, including LT.

### [Liver transplantation for intermediate hepatocellular carcinoma: An ...](#)