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**Manuscript Type:** ORIGINAL ARTICLE

*Basic Study*

**Immune infiltration-associated SAA1 predicts favorable prognosis for HCC**

SAA1 is a prognostic marker

Wei Zhang, Huifang Kong, Xudong Gao, Zheng Dong, Ying Lu, Jiagan Huang, Hong Li, Yongping Yang

**Wei Zhang, Huifang Kong, Xudong Gao, Zheng Dong, Ying Lu, Jiagan Huang, Yongping Yang,** Center for Diagnosis and Research of Liver Tumor, Fifth Medical Center of People's Liberation Army General Hospital, Beijing 100191, China

**Hong Li,** Department of Infectious Diseases, The Affiliated Hospital of Guizhou Medical University, Guiyang 550001, China

**Author contributions:** Wei Zhang and Huifang Kong conducted data analysis and wrote the manuscript, the two authors have equal contribution to this study. Xudong Gao and Jiagan Huang conducted the literature research and data collection. Zheng Dong, Ying Lu and Hong Li discussed the results and statistical analysis. Yongping

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Several studies have reported that **immune** cell infiltration is associated with **HCC prognosis** (Zhou et al., 2016; Zhou et al., 2019). Some studies have moreover described the correlation between **immune**-related genes (IRGs) and tumor **prognosis**, but few are based on **HCC** (Li B. et al., 2017; Lin et al., 2019).

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**Author:** Wen-Jie Wang, Han Wang, Ting-Yan Hu...

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Aug 20, 2013 · Therefore, the combination of the TAA index and the densities of **immune** cells could further **predict HCC prognosis**. Recently, we developed an **immune**-based in situ molecular classifier that could aid in the identification of patients who are at greatest risk for postsurgical recurrence of **HCC** ( Xu et al , 2012b ).

**Cited by:** 23

**Author:** Liang J, Ding T, Ding T, Guo Zw, Yu Xj, ...

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Mar 29, 2018 · **Hepatocellular carcinoma (HCC)** is one of the most frequent and lethal human cancers, and its incidence is rising 1,2.**HCC** has an overall dismal **prognosis** and only when diagnosed early, surgery and ...

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SAA is synthesized in cancer tissues of non-hepatic origin. Although hepatoma cells retain the ability to produce SAA in response to cytokines, they express less SAA in the transformed state in comparison to primary hepatocytes [49–51]. Nevertheless, human hepatoblastoma HepG2 cell lines [] and various **hepatocellular carcinoma** cell lines, e.g. Hep3B [52, 53], HuH-7 [52, 54, 55], and NPLC/PRF ...

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**Serum Amyloid A** (SAA) Similar to CRP an acute phase protein, but levels may be even more responsive to inflammation. Fluorescence polarization-immunoassay, Nephelometry, ELISA: Easily measured Rather novel marker: Limited evidence for use to **predict** treatment response. **Serum** or plasma: Strongly associated with worse long-term survival from ...

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