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Name of Journal: *World Journal of Gastroenterology***Manuscript NO:** 53493**Manuscript Type:** REVIEW**Blood-based biomarkers for early detection of esophageal squamous cell carcinoma**Chu LY *et al.* Biomarkers for ESCC


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Abstract

Esophageal squamous cell carcinoma (ESCC) is a worldwide, common malignant tumor of the digestive system, especially in China. Due to the lack of effective early detection methods, ESCC patients often present at an advanced stage at the time of diagnosis, which seriously affects the prognosis of patients. At present, early detection of ESCC mainly depends on invasive and expensive endoscopy and histopathological biopsy. Therefore, there is an unmet need for a non-invasive method to detect ESCC in the early stages. With

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The two main subtypes of **esophageal cancer**, **esophageal adenocarcinoma (EAC)** and **esophageal squamous cell carcinoma (ESCC)**, are both increasing in incidence. Because these **cancers** are often asymptomatic in their **early stages**, patients typically don't seek medical care until they have advanced-stage disease, when the potential for survival is more limited.



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