

² Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 50513

Manuscript Type: ORIGINAL ARTICLE

Case Control Study

Correlation of plasma miR-21 and miR-93 with radiotherapy and chemotherapy efficacy and prognosis in patients with esophageal squamous cell carcinoma

Wang WT *et al.* Radiochemotherapy³ of esophageal squamous cell carcinoma

Abstract

BACKGROUND

Esophageal squamous cell carcinoma (ESCC) is one of the main causes of human death. It is usually already in middle or advanced stage when diagnosed due to its hidden symptoms in early stage, so that patients have

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As the dominant type of **esophageal** cancer in China, **esophageal squamous cell carcinoma** (ESCC) has a generally poor **prognosis** due to the lack of effective clinical methods for its response detection. At present, **radiotherapy** is the main treatment for **esophageal** cancer and it ...

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Identification of plasma microRNA-21 as a biomarker for ...

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Identification of **plasma** microRNA-21 as a biomarker for early detection **and** chemosensitivity of non-small **cell** lung cancer. ... Gao et al. revealed that high expression of **miR-21** in lung **squamous cell carcinoma** indicates poor ... retrospectively studied the effect of **miR-21** on the **chemotherapy efficacy and prognosis** of pancreatic cancer ...

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Liao et al. detected the expression level of plasma miR-21 in 70 EC patients and 70 healthy volunteers and found that plasma miR-21 expression was higher in EC patients than in healthy controls. Exosome-shuttling miR-21 overexpression promoted the migration and invasion of EC cells by targeting PDCD4 and activating its downstream **c-Jun N-terminal kinase** (JNK) signaling pathway.

Plasma microRNA-9 as a diagnostic and prognostic ...

journals.sagepub.com/doi/full/10.1177/0300060517709370

PurposeEmerging evidence indicates that circulating microRNAs (miRs) might act as noninvasive biomarkers for cancer diagnosis **and prognosis**. We examined the expression pattern and clinical significance of **plasma** miR-9 in **patients with esophageal squamous cell carcinoma** (ESCC) MethodsVenous blood samples (6 ml) were collected from 131 **patients** with ESCC and 131



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Author: Yuantao Cui, Yuan Xue, Shangwen Dong, P...

Publish Year: 2017

Prognostic impact of circulating miR-21 and miR-375 in ...

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Prognostic impact of circulating miR-21 and miR-375 in **plasma** of **patients with esophageal squamous cell carcinoma** Article in Expert opinion on biological therapy 12 Suppl 1(1):S53-9 · April 2012 ...

longitudinal study on circulating miR-21 as a therapeutic ...

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