Taylor & Francis Online

Log in | Register | Cart

Home ▶ All Journals ▶ Cancer Investigation ▶ List of Issues ▶ Volume 26, Issue 2
▶ Metastasis-Associated Protein S100A4 and ....

Cancer Investigation ›
Volume 26, 2008 - Issue 2

ORIGINAL ARTICLE Imaging, Diagnosis, Prognosis

Metastasis-Associated Protein S100A4 and p53 Predict Relapse in Curatively Resected Stage III and IV (M0) Gastric Cancer

Yu Jung Kim, Min A Kim, Seock-Ah Im, Tae Min Kim, Dong-Wan Kim, Han-Kwang Yang,
…show all

66 Cite this article   ↗ https://doi.org/10.1080/07357900701518909

📄 Full Article   🖼 Figures & data   📖 References   66 Citations   📊 Metrics

🖨 Reprints & Permissions   Read this article

Abstract

Purpose: Pathologic stage is the most important predictive factor of relapse in gastric cancer after curative resection. However, patients with the same stage often have different risks of relapse. Here, we investigated whether the expressions of molecular markers can supplement the current staging system in terms of relapse prediction. Patients [...] no had received [...] atin chemoth[...] rkers inclu[...] and p97 were [...]es. Results: The over[...] predictive factor of [...] e 10 markers [...] and S100A4

expression was significantly associated with a higher relapse rate (85% vs. 53%, p = 0.008). In multivariate analysis including tumor stage, S100A4 and p53 expression were independent predictive factors of relapse (relative risk, 6.98; 95% confidence interval [CI], 1.608-30.342, 3.49; 95% CI, 1.328-9.186, respectively). On comparing patients who expressed S100A4 or p53 with those who expressed neither, relapse rates were 58% vs. 25% in stage III (p = 0.011) and 95% vs. 59% in stage IV (M0) (p = 0.003). Conclusion: In addition to staging system, the expressions of S100A4 and p53 were significant predictive factors of relapse in gastric cancer after curative resection and adjuvant chemotherapy.

Keywords: Gastric cancer | Relapse | Immunohistochemistry | S100A4 | p53

Related research ⓘ

| People also read | Recommended articles | Cited by 23 |

Copper metabolism in cell death and autophagy >

Qian Xue et al.
Autophagy
Published online: 16 Apr 2023

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources by email

✉ Sign me up