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Manuscript NO: 48947

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Autoantibodies: Potential clinical applications in early detection of esophageal squamous cell carcinoma and esophagogastric junction adenocarcinoma

Xu YW *et al.* Autoantibodies for ESCC and EGJA

Yi-Wei Xu, Yu-Hui Peng, Li-Yan Xu, Jian-Jun Xie, En-Min Li

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Esophageal squamous cell carcinoma (ESCC) is one of the most frequent causes of cancer death worldwide and effective diagnosis is needed. We assessed the diagnostic **potential** of an autoantibody panel that may benefit **early** diagnosis. We analyzed data for patients with ESCC and normal controls in ...

Cited by: 68

Author: Yi-Wei Xu, Yu-Hui Peng, Bo Chen, Zhi-Yo...

Publish Year: 2014

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Autoantibodies as **Potential** Biomarkers for the **Early** Detection of **Esophageal Squamous Cell Carcinoma** Article (PDF Available) in The American Journal of Gastroenterology 109(1) · ...

Serum Autoantibodies against STIP1 as a Potential ...

<https://www.hindawi.com/journals/dm/2017/5384091> ▾

Esophageal squamous cell carcinoma (ESCC) remains one of the leading causes of cancer-related mortality around the world. The identification of novel serum biomarkers is required for **early detection** of ESCC. This study was designed to elucidate whether **autoantibodies** against STIP1 could be a diagnostic biomarker in ESCC. An enzyme-linked immunosorbent assay was performed to detect ...

Cited by: 1

Author: Yi-Wei Xu, Can-Tong Liu, Xin-Yi Huang, Li...

Publish Year: 2017

[PDF] Combined detection of serum autoantibodies as ...

<https://link.springer.com/content/pdf/10.1007/s10120-018-0894-y.pdf>

Background We previously found that **autoantibodies** against a panel of six tumor-associated antigens (p53, NY-ESO-1, MMP-7, Hsp70, PRDX6 and Bmi-1) may aid in **early detection of esophageal squamous cell carcinoma**. Here we aimed to evaluate the diagnostic value of this autoantibody panel in **esophagogastric junction adenocarcinoma** (EJA) patients.

Author: Yi-Wei Xu, Hao Chen, Hai-Peng Guo, ... Publish Year: 2019

Tumor-associated autoantibodies against Fascin as a novel ...

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As one of common **malignancies** with high **incidence** rates and high mortality rates, **esophageal squamous cell carcinoma** occurs frequently in China . But the conventional **therapy** is limited, and 5-year survival rate of ESCC remains dismal . The lack of **early symptoms** and **early diagnosis** caused **poor prognosis of esophageal cancer** , ...



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Autoantibodies as Potential Biomarkers for the Early ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3887578>Autoantibodies as Potential Biomarkers for the Early Detection of Esophageal **Squamous Cell****Carcinoma** Yi-Wei Xu , MSM, 1, 2 Yu-Hui Peng , BSM, 2 Bo Chen , MSM, 1 Zhi-Yong Wu , MD, 3, 4 Jian-Yi Wu , BSc, 3 Jin-Hui Shen , MD, 5 Chun-Peng Zheng , MSM, 4 Shao-Hong Wang , MD, 5 Hai-Peng Guo , MD, 6 En-Min Li , PhD, 3 and Li-Yan Xu , PhD 1, *

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Author: Yi-Wei Xu, Yu-Hui Peng, Bo Chen, Zhi-Yo...

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Autoantibodies as Potential Biomarkers for the Early ...

https://www.nature.com/articles/ajg2013384?error=cookies_not_supported&code=5862b5fb...Serum markers for ESCC in clinical use, such as carcinoembryonic antigen, squamous cell carcinoma antigen, and CYFRA21-1, are not sufficiently sensitive for **early diagnostic purposes** ...

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Author: Yi-Wei Xu, Yu-Hui Peng, Bo Chen, Zhi-Yo...

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Circulating levels of autoantibodies against L1-cell ...

<https://link.springer.com/article/10.1007/s12094-017-1623-4> ▼Autoantibody **detection** to tumor-associated antigens of P53, IMP1, P16, cyclin B1, P62, C-myc, Survivin, and Koc for the screening of high-risk subjects and **early detection of esophageal squamous cell carcinoma**. Dis **Esophagus**. 2014;27(8):790–7. CrossRef PubMed Google Scholar

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Author: Y.-W. Xu, Y.-H. Peng, L.-Q. Ran, T.-T. Zha...

Publish Year: 2017

Serum Autoantibodies against STIP1 as a Potential ...

<https://www.hindawi.com/journals/dm/2017/5384091> ▼**Esophageal squamous cell carcinoma** (ESCC) remains one of the leading causes of cancer-related mortality around the world. The identification of novel serum biomarkers is required for **early detection** of ESCC. This study was designed to elucidate whether **autoantibodies** against STIP1 could be a diagnostic biomarker in ESCC. An enzyme-linked immunosorbent assay was performed to detect ...

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Esophageal squamous cell carcinoma (ESCC) is one of the most frequent causes of cancer death worldwide and effective diagnosis is needed. We assessed the diagnostic potential of an autoantibody panel that may benefit early diagnosis. We analyzed data for ...

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Publish Year: 2014

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Autoantibodies as Potential Biomarkers for the Early Detection of Esophageal Squamous Cell Carcinoma Article (PDF Available) in The American Journal of Gastroenterology 109(1) · December 2013 ...

[Combined detection of serum autoantibodies as diagnostic ...](#)

<https://link.springer.com/article/10.1007/s10120-018-0894-y> ▾

Nov 13, 2018 · We previously found that autoantibodies against a panel of six tumor-associated antigens (p53, NY-ESO-1, MMP-7, Hsp70, PRDX6 and Bmi-1) may aid in early detection of esophageal squamous cell carcinoma. Here we aimed to evaluate the diagnostic value of this autoantibody panel in esophagogastric junction adenocarcinoma (EJA) patients.

Author: Yi-Wei Xu, Hao Chen, Hai-Peng Guo, ... Publish Year: 2019

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Esophageal squamous cell carcinoma (ESCC), one of the most common malignancies worldwide, is a highly aggressive and homogeneous entity occurring in esophageal squamous epithelium, and a reliable noninvasive test for early detection is needed. A recent study showed that serum