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**Imaging biomarkers for the treatment of esophageal cancer**

Hayano K *et al.* Imaging biomarker for esophageal cancer

Koichi Hayano, Gaku Ohira, Atsushi Hirata, Tomoyoshi Aoyagi, Shunsuke Imanishi, Toru Tochigi, Toshiharu Hanaoka, Kiyohiko Shuto, Hisahiro Matsubara

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Imaging biomarkers for the treatment of esophageal cancer



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Clinical and histopathological factors. Predictive biomarkers and functional imaging have become a hot technique for the individualized treatment of cancer. However, traditional clinical factors, such as tumor stage, patient age, and performance status, are still used to select the best therapy for a particular patient. Szumilo et al.

### Predicting the Response of Neoadjuvant ... - Journal of Cancer

[www.jcancer.org/v06p1179.htm](http://www.jcancer.org/v06p1179.htm)

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## Potential biomarkers for esophageal cancer

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › Journal List › Springerplus › v.5; 2016

Apr 16, 2016 · Blood-based **biomarkers**. With the development of molecular biotechnology, a large number of studies on the potential **diagnostic** value of **serum p53** antibody for esophageal cancer have been published, reporting varied results. **Anti-p53** is popular in various studies in China, Japan, USA, Germany, India, and other countries.

Cited by: 17

Author: Cheng Tan, Xia Qian, Zhifeng Guan, Baixi...

Publish Year: 2016

## Esophageal cancer - Diagnosis and treatment - Mayo Clinic

[www.mayoclinic.org](http://www.mayoclinic.org) › ... › Diseases & Conditions ▾



Diagnosis

Treatment

Clinical Trials

Alternative Medicine

Coping ar



Tests and procedures used to diagnose esophageal cancer include: 1. Using a scope to examine your



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Clinical and histopathological factors. Predictive biomarkers and functional imaging have become a hot technique for the individualized treatment of cancer. However, traditional clinical factors, such as tumor stage, patient age, and performance status, are still used to select the best therapy for a particular patient. Szumilo et al.

### Predicting the Response of Neoadjuvant ... - Journal of Cancer

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## Potential biomarkers for esophageal cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4833762>

Apr 16, 2016 · **Blood-based biomarkers.** With the development of **molecular biotechnology**, a large number of studies on the potential diagnostic value of **serum p53 antibody** for **esophageal cancer** have been published, reporting varied results. **Anti-p53** is popular in various studies in China, Japan, USA, Germany, India, and other countries.

Cited by: 17

Author: Cheng Tan, Xia Qian, Zhifeng Guan, Baixi...

Publish Year: 2016

## PET Imaging Biomarkers of Anti-EGFR Immunotherapy in ...

<https://www.mdpi.com/2073-4409/7/11/187/htm> ▾

Epidermal growth factor receptor (EGFR) is overexpressed and considered as a proper molecular target for diagnosis and targeted therapy of **esophageal squamous cell carcinoma (ESCC)**. This study evaluated the usefulness of **PET imaging biomarkers** with **<sup>64</sup>Cu-PCTA-cetuximab** and **<sup>18</sup>F-FDG-PET** for anti-EGFR immunotherapy in ESCC models. In vivo EGFR status and glucose metabolism by cetuximab treatment ...

Author: Tae Sup Lee, In Ho Song, Jong Il Shin... Publish Year: 2018

## Consortium for Imaging and Biomarkers (CIB) Created: Eight ...

<https://prevention.cancer.gov/news-and-events/news/consortium-imaging-and>

Sep 11, 2015 · Date Posted: The consortium focuses on combining imaging methods, such as **computed tomography (CT)**, **positron emission tomography (PET)**, **magnetic resonance (MR)** imaging, and optical-based imaging for visualization of lesions, with biomarkers to improve the accuracy of screening, **early cancer detection**, and the diagnosis of early stage cancers.

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Primary **esophageal cancer**: heterogeneity as potential ... - Yip - 被引用次数: 90

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## PET Imaging Biomarkers of Anti-EGFR Immunotherapy in Esophageal ...

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作者: TS Lee - 2018 - 相关文章

2018年10月27日 - PET **Imaging Biomarkers** of Anti-EGFR Immunotherapy in **Esophageal** Squamous Cell **Carcinoma** Models. ... In vivo EGFR status and glucose metabolism by cetuximab **treatment** were evaluated using <sup>64</sup>Cu-PCTA-cetuximab ...

## Multimodal Imaging of Pathologic Response to Chemoradiation in ...

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作者: P Fang - 2018 - 被引用次数: 2 - 相关文章

2018年3月2日 - ... of Imaging Physics, The University of Texas MD Anderson Cancer ... METHODS AND MATERIALS: Twenty **esophageal cancer** patients **treated** with ... **treatment** may serve as early **imaging biomarkers** for discriminating ...

## Prediction of Response to Neoadjuvant Chemotherapy and Radiation ...

<https://www.ncbi.nlm.nih.gov/pubmed/29533721> - 翻译此页

作者: RJ Beukinga - 2018 - 被引用次数: 7 - 相关文章

2018年3月14日 - Prediction of Response to Neoadjuvant Chemotherapy and Radiation **Therapy** with Baseline and Restaging <sup>18</sup>F-FDG PET **Imaging Biomarkers** in Patients with **Esophageal Cancer**. Beukinga RJ(1), Hulshoff JB(1), Mul VEM(1), Noordzij W(1), Kats-Ugurlu G(1), Slart RHJA(1), Plukker JTM(1).

## Potential biomarkers for esophageal cancer - NCBI

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4833762/> ▼ 翻译此页

作者: C Tan - 2016 - 被引用次数: 31 - 相关文章

2016年4月16日 - Here, we reviewed the potential **biomarkers** of **esophageal cancer** in three ... targets for the diagnosis, **treatment**, and **prognosis of esophageal cancer**. ... to confirm the physical and **imaging** examination results (Cerfolio et al