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Cancer Recognition of Artificial Intelligence

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**Artificial Intelligence Identifies Lung Cancer** Patients at Risk of Harm Caused by Immunotherapy In a subset of patients diagnosed with non-small cell lung **cancer** (NSCLC), immunotherapy paradoxically exacerbates tumor growth and significantly shortens survival.


[Artificial Intelligence Identifies Lung Cancer Patients at ...](#)  
 [www.genengnews.com/news/artificial-intelligence-identifies-lung-cancer-patient...](http://www.genengnews.com/news/artificial-intelligence-identifies-lung-cancer-patient...)

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## Artificial Intelligence - National Cancer Institute

<https://www.cancer.gov/research/areas/diagnosis/artificial-intelligence> ▾

Scientists in NCI's intramural research program are leveraging the capabilities of AI to improve cancer screening in cervical and prostate cancer. NCI investigators developed a deep learning approach for the automated detection of precancerous cervical lesions from digital images. Read more about this ...

## Applications of Artificial Intelligence in Cancer ...

<https://mesowatch.com/applications-of-artificial-intelligence> ▾

Sep 16, 2019 · This test can accurately detect mutations/ alterations in 42 genes that are linked with solid cancers. This cancer diagnostic kit is assisting doctors in more than 920 hospitals all around the world. Using Artificial Intelligence in Precision Medicine. Artificial intelligence can have an immense impact on precision medicine.

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## [Clinical Application of Artificial Intelligence ...

<https://pubmed.ncbi.nlm.nih.gov/31109442> · [Translate this page](#)

To test the effect of artificial intelligence in automatic identification of lung cancer by using artificial intelligence to find the lung cancer nodules automatically in the chest CT of 1 mm and 5 mm thick. Methods: 5,000 cases of T1 stage lung cancer patients with 1 mm and 5 mm layer thickness were respectively labeled and learned by computer neural network, the algorithm of forming pulmonary ...

## Artificial intelligence for cancer detection of the upper ...

<https://onlinelibrary.wiley.com/doi/10.1111/den.13897>

Nov 21, 2020 · (b) Artificial intelligence (AI) indicates the area recognized as a cancer suspected lesion

**Name of Journal:** *Artificial Intelligence in Cancer*

Manuscript NO: 64224

Manuscript Type: EDITORIAL

## Cancer recognition of artificial intelligence

Tanabe S, Cancer recognition of AI

Shihori Tanabe

## Abstract

The recognition mechanism of artificial intelligence (AI) is an interesting topic in understanding AI neural networks and their application in therapeutics. A number of multilayered neural networks can recognize cancer through deep learning. It would be interesting to think about whether human insights and AI attention are associated with

### Match Overview

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Cancer recognition of artificial intelligence



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An artificial intelligence program developed by Weill Cornell Medicine and NewYork-Presbyterian researchers can distinguish types of cancer from images of cells with almost **100 percent accuracy**, according to a new study. This new technology has the potential to augment cancer diagnosis techniques that currently require the human eye.



Artificial Intelligence Aids in Cancer Diagnosis ...

[news.weill.cornell.edu/news/2018/02/artificial-intelligence-aids-in-cancer-diagno...](https://news.weill.cornell.edu/news/2018/02/artificial-intelligence-aids-in-cancer-diagno...)

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#### Artificial Intelligence Aids in Cancer Diagnosis ...

<https://news.weill.cornell.edu/news/2018/02/...> ▾

Feb 09, 2018 - An artificial intelligence program developed by Weill Cornell Medicine and NewYork-Presbyterian researchers can distinguish types of cancer from images of cells with almost 100 percent