

13

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 39638

Manuscript Type: REVIEW

ATP-binding cassette transporters in progression and clinical outcome of pancreatic cancer: What is the way forward?

Adamska A *et al.* ABC transporters in PDAC therapy

Aleksandra Adamska, Marco Falasca

### Abstract

Pancreatic ductal adenocarcinoma (PDAC) is one of the most aggressive diseases and is characterized by high chemoresistance, leading to the lack of effective therapeutic approaches and grim prognosis. Despite increasing understanding of the mechanisms of chemoresistance in cancer and the role of ATP-binding cassette (ABC) transporters in this resistance, the therapeutic potential of their

### Match Overview

1	Internet 26 words crawled on 24-Jun-2017 <a href="http://mdpi.com">mdpi.com</a>	<1%
2	Crossref 22 words <a href="#">Methods in Molecular Biology, 2016.</a>	<1%
3	Internet 21 words crawled on 09-Feb-2014 <a href="http://effiloop.com">effiloop.com</a>	<1%
4	Internet 20 words crawled on 18-Jun-2017 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	<1%
5	Internet 18 words crawled on 28-Mar-2014 <a href="http://covenantuniversity.edu.ng">covenantuniversity.edu.ng</a>	<1%
6	Internet 12 words crawled on 27-Feb-2017 <a href="http://insight.jci.org">insight.jci.org</a>	<1%
7	Internet 12 words crawled on 22-May-2018 <a href="http://umsha.ac.ir">umsha.ac.ir</a>	<1%
8	Crossref 12 words Susan E. Bates. "New and Revised Concepts in Multidrug Resistance", <i>Cancer Drug Discovery and Development</i>	<1%
9	Internet 11 words crawled on 22-Mar-2016 <a href="http://file2.selleck.jp">file2.selleck.jp</a>	<1%



Clinical and therapeutic significance of ABC transporters expression profil



全部

图片

新闻

视频

更多

设置

工具

找到约 172,000 条结果 (用时 0.78 秒)

## Google 学术: Clinical and therapeutic significance of ABC transporters expression profiles and functions in pancreatic cancer

The role of ABC transporters in clinical practice - Leonard - 被引用次数: 765

... contributes to drug resistance in pancreatic cancer - Arumugam - 被引用次数: 589

ABC transporters in cancer: more than just drug efflux ... - Fletcher - 被引用次数: 634

## role of ABC transporters in progression and clinical outcome of ...

<https://academic.oup.com/mutage/article/27/2/187/1050226> - 翻译此页

作者: I Hlavata - 2012 - 被引用次数: 119 - 相关文章

2012年3月1日 - ATP-binding cassette (ABC) transporters play a crucial role in the development of resistance by the efflux of anticancer agents outside of cancer cells. The aim of this ... cancer cells (6). In fact, the expression of ABCs may significantly vary among individuals and thus affects the efficacy of drug treatment (7).

## ABC gene expression profiles have clinical importance and possibly ...

[journals.sagepub.com/doi/pdf/10.1177/1010428317699800](https://journals.sagepub.com/doi/pdf/10.1177/1010428317699800) - 翻译此页

作者: P Dvorak - 2017 - 被引用次数: 3 - 相关文章

theory about general adenosine triphosphate-binding cassette gene expression profiles and their importance for cancer on clinical as well as ... role of ABC transporters in maintenance of stem cells' ..... Summary of the most deregulated ABC genes, gene functions, and significant clinically important findings in relation to.

## Downregulation of ABC Transporters in Non-neoplastic Tissues ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5559956/> - 翻译此页

作者: P Dvorak - 2017 - 相关文章



ATP-binding cassette transporters in progression and clinical outcome of



全部

新闻

图片

视频

购物

更多

设置

工具

找到约 422,000 条结果 (用时 0.91 秒)

### ATP binding cassette transporters and drug resistance in breast cancer.

<https://www.ncbi.nlm.nih.gov/pubmed/12653670> ▼ 翻译此页

作者: F Leonessa - 2003 - 被引用次数: 267 - 相关文章

ATP binding cassette transporters and drug resistance in breast cancer. ... (1)Laboratory of Clinical Investigation, National Institute on Aging, National ... Correlations with prognosis appear more evident in studies using immunohistochemistry, ...

缺少字词: progression pancreatic way forward

### The role of ABC transporters in progression and clinical outcome of ...

<https://www.ncbi.nlm.nih.gov/pubmed/22294766> ▼ 翻译此页

作者: I Hlavata - 2012 - 被引用次数: 120 - 相关文章

ATP-binding cassette (ABC) transporters play a crucial role in the development of resistance by the efflux of anticancer agents outside of cancer cells. The aim of ...

缺少字词: pancreatic way forward

### [PDF] ABC Transporters in Cancer Stem Cells: Beyond ... - Semantic Scho...

<https://pdfs.semanticscholar.org/.../844e83c0dedefa5f447c80aa8339362b31...> ▼ 翻译此页

作者: RR Begicevic - 2017 - 被引用次数: 2 - 相关文章

2017年11月8日 - poor treatment outcomes and tumour relapse. ... to the ATP binding cassette (ABC) transporter family. ... Despite progress being made in cancer treatment, patients are still ... attracted much interest because of its high clinical relevance. .... kidneys, liver, ovaries, prostate, placenta and the pancreas [46] ...

### [PDF] Membrane Drug Transporters and Chemoresistance in Human ... - M...

[www.mdpi.com:8080/2072-6694/3/1/106/pdf](http://www.mdpi.com:8080/2072-6694/3/1/106/pdf) ▼ 翻译此页

作者: W Hagmann - 2010 - 被引用次数: 18 - 相关文章

2010年12月30日 - Clinical Cooperation Unit of Molecular Gastroenterology, DKFZ, ... Keywords: ABC transporters; chemoresistance; pancreatic cancer; ... cells to the cytotoxic action of chemotherapeutic drugs can be the result ... Finally, drug efflux from the cell is efficiently mediated by proteins belonging to the ATP-binding.



ATP-binding cassette transporters in progression and clinical outcome of



全部

新闻

图片

视频

购物

更多

设置

工具

找到约 422,000 条结果 (用时 0.91 秒)

### ATP binding cassette transporters and drug resistance in breast cancer.

<https://www.ncbi.nlm.nih.gov/pubmed/12653670> ▼ 翻译此页

作者: F Leonessa - 2003 - 被引用次数: 267 - 相关文章

ATP binding cassette transporters and drug resistance in breast cancer. ... (1)Laboratory of Clinical Investigation, National Institute on Aging, National ... Correlations with prognosis appear more evident in studies using immunohistochemistry, ...

缺少字词: progression pancreatic way forward

### The role of ABC transporters in progression and clinical outcome of ...

<https://www.ncbi.nlm.nih.gov/pubmed/22294766> ▼ 翻译此页

作者: I Hlavata - 2012 - 被引用次数: 120 - 相关文章

ATP-binding cassette (ABC) transporters play a crucial role in the development of resistance by the efflux of anticancer agents outside of cancer cells. The aim of ...

缺少字词: pancreatic way forward

### [PDF] ABC Transporters in Cancer Stem Cells: Beyond ... - Semantic Scho...

<https://pdfs.semanticscholar.org/.../844e83c0dedefa5f447c80aa8339362b31...> ▼ 翻译此页

作者: RR Begicevic - 2017 - 被引用次数: 2 - 相关文章

2017年11月8日 - poor treatment outcomes and tumour relapse. ... to the ATP binding cassette (ABC) transporter family. ... Despite progress being made in cancer treatment, patients are still ... attracted much interest because of its high clinical relevance. .... kidneys, liver, ovaries, prostate, placenta and the pancreas [46] ...

### [PDF] Membrane Drug Transporters and Chemoresistance in Human ... - M...

[www.mdpi.com:8080/2072-6694/3/1/106/pdf](http://www.mdpi.com:8080/2072-6694/3/1/106/pdf) ▼ 翻译此页

作者: W Hagmann - 2010 - 被引用次数: 18 - 相关文章

2010年12月30日 - Clinical Cooperation Unit of Molecular Gastroenterology, DKFZ, ... Keywords: ABC transporters; chemoresistance; pancreatic cancer; ... cells to the cytotoxic action of chemotherapeutic drugs can be the result ... Finally, drug efflux from the cell is efficiently mediated by proteins belonging to the ATP-binding.