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Basic Study

Combined treatment of pancreatic cancer xenograft with ⁹⁰Y-ITGA6B4-mediated radioimmunotherapy and PI3K/mTOR inhibitor

Aung W *et al.* Radioimmunotherapy and BEZ235 for pancreatic cancer

² Winn Aung, Atsushi B Tsuji, Hitomi Sudo, Aya Sugyo, Yoshinori Ukai, Katsushi Kouda, Yoshikazu Kurosawa, Takako Furukawa, Tsuneo Saga, Tatsuya Higashi

Abstract

AIM

To investigate the therapeutic effect of combined integrin $\alpha_6\beta_4$ -targeted radioimmunotherapy (RIT) and PI3K/mTOR inhibitor BEZ235 in a pancreatic cancer

Match Overview

1	Internet 104 words crawled on 28-Sep-2015 www.nature.com	2%
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Metabolic re-programming of pancreatic cancer mediated by CDK4/6 ...

<https://www.ncbi.nlm.nih.gov> › NCBI › Literature › PubMed Central (PMC) - 翻译此页

作者: J Franco - 2016 - 被引用次数: 15 - 相关文章

2016年1月21日 - **MTOR** and **MEK inhibitors** potentially cooperate with **CDK4/6 inhibition** in **inhibition** is observed in vivo, **tumor** sections from **xenografts treated** with ... Canonically, the activation state of **MTOR** is regulated by **PI3K/AKT/TSC** pathway, ... In contrast, **combined CDK4/6 and MTOR inhibition** resulted in the ...

缺少字词: 90y itga6b4 radioimmunotherapy

Targeting mTOR in Pancreatic Ductal Adenocarcinoma - NCBI - NIH

<https://www.ncbi.nlm.nih.gov> › NCBI › Literature › PubMed Central (PMC) - 翻译此页

作者: S Iriana - 2016 - 被引用次数: 1 - 相关文章

2016年4月25日 - **Treatment** options for advanced **pancreatic** ductal adenocarcinoma (PDAC) ... Early phase II studies of mono-mTOR **inhibition** have not shown promise. The **combination** of AZD8055 and the dual **PI3K-mTOR inhibitor** BEZ235 ... and **tumor** growth delay in athymic nude mice **xenografts** following single ...

缺少字词: 90y itga6b4 radioimmunotherapy

Molecular targets for the treatment of pancreatic cancer: Clinical and ...

<https://www.ncbi.nlm.nih.gov> › NCBI › Literature › PubMed Central (PMC) - 翻译此页

作者: T Matsuoka - 2016 - 被引用次数: 6 - 相关文章

2016年1月14日 - The failure of clinical **treatment** in patients with **pancreatic cancer** is often due to the ... The **PI3K** signaling **mediates** cell growth and survival via several downstream ... A phase II trial of another **MEK inhibitor**, AZD6244, in **combination** with ... **PI3K/Akt/mTOR** pathway: Upon activation by RAS or EGFR, **PI3K** ...

缺少字词: 90y itga6b4 radioimmunotherapy

Oral mTOR Inhibitor Everolimus in Patients With Gemcitabine ...

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作者: BM Wolpin - 2009 - 被引用次数: 233 - 相关文章

Patients were observed for toxicity, **treatment** response, and survival. ... in metastatic **pancreatic cancer** should assess the **combination** of **mTOR inhibitors** with other ... More than 95% of patients with

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Metabolic re-programming of pancreatic cancer mediated by CDK4/6 ...

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作者: J Franco - 2016 - 被引用次数: 17 - [相关文章](#)

2016年1月21日 - However, MTOR inhibition fully suppressed metabolism and yielded apoptosis and ... CDK4/6 inhibition is observed in vivo, tumor sections from xenografts treated with ... a panel of agents that inhibit PI3K, MTOR, and MEK was employed. ... In contrast, combined CDK4/6 and MTOR inhibition resulted in the ...

缺少字词: 90y itga6b4 radioimmunotherapy

Targeting mTOR in Pancreatic Ductal Adenocarcinoma - NCBI - NIH

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

作者: S Iriana - 2016 - 被引用次数: 3 - [相关文章](#)

2016年4月25日 - Treatment options for advanced pancreatic ductal adenocarcinoma (PDAC) are limited; ... Early phase II studies of mono-mTOR inhibition have not shown promise. ... Combined treatment with metformin and rapamycin of Panc02 cells ... PI3K/Akt/mTOR-mediated pathway in human pancreatic cancer cells.

缺少字词: 90y itga6b4 radioimmunotherapy

The efficacy of a novel, dual PI3K/mTOR inhibitor NVP-BE235 to ...

<https://www.ncbi.nlm.nih.gov/pubmed/22020918> - [翻译此页](#)

作者: N Awasthi - 2012 - 被引用次数: 50 - [相关文章](#)

The efficacy of a novel, dual PI3K/mTOR inhibitor NVP-BE235 to enhance chemotherapy and antiangiogenic response in pancreatic cancer. ... Animal survival experiments were performed in murine xenografts. ... Further increases in survival occurred in combination therapy groups BE235 + gemcitabine (30 days, ...

缺少字词: 90y itga6b4 mediated radioimmunotherapy

Molecular targets for the treatment of pancreatic cancer: Clinical and ...

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作者: T Matsuoka - 2016 - 被引用次数: 9 - [相关文章](#)

2016年1月14日 - The failure of clinical treatment in patients with pancreatic cancer is often due to the



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KRAS Mutant Pancreatic Cancer: No Lone Path to an Effective ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: D Zeitouni - 2016 - 被引用次数: 13 - 相关文章

2016年4月18日 - In **pancreatic cancer**, mutations in codon 12 of KRAS occur the most frequently.

The results of the **combination treatment** showed a median overall ... Mice with KRAS mutant lung cancer **treated** with the DOPC-mediated siRNA showed This dual **inhibition** of PI3K-mTOR is expected to shut down ...

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Molecular targets for the treatment of pancreatic cancer: Clinical and ...

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作者: T Matsuoka - 2016 - 被引用次数: 10 - 相关文章

2016年1月14日 - The failure of clinical **treatment** in patients with **pancreatic cancer** is often due to the

The PI3K signaling **mediates** cell growth and survival via several downstream A phase II trial of another MEK **inhibitor**, AZD6244, in **combination** with ... PI3K/Akt/mTOR pathway: Upon activation by RAS or EGFR, PI3K ...

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Dual PI3K/mTOR Inhibitors Induce Rapid Overactivation of the MEK ...

<https://www.ncbi.nlm.nih.gov/pubmed/25673820> - 翻译此页

作者: HP Soares - 2015 - 被引用次数: 24 - 相关文章

2015年2月11日 - Dual PI3K/mTOR **Inhibitors** Induce Rapid Overactivation of the MEK/ERK Pathway in Human **Pancreatic Cancer** Cells through Suppression of mTORC2. ... However, mTORC1/S6K also **mediates** negative feedback loops that ... Here, we demonstrate that **treatment** of PANC-1 or MiaPaCa-2 pancreatic ductal ...

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