

Match Overview

1	Internet 52 words crawled on 25-Dec-2019 tessera.spandidos-publications.com	2%
2	Internet 16 words crawled on 14-Mar-2021 www.researchsquare.com	<1%
3	Internet 14 words crawled on 04-Jun-2020 pesquisa.bvsalud.org	<1%
4	Internet 13 words crawled on 09-Jul-2016 oriprobe.com	<1%

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 61979

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Mitochondrial pathway of the lysine demethylase 5C inhibitor, CPI-455, on the Eca-109 esophageal squamous cell carcinoma cell line

The effect of CPI-455 in Eca-109

Abstract

BACKGROUND

Esophageal cancer is a type of digestive tract malignant tumor that is difficult to diagnose early , Although CPI-455 is reportedly inhibited various cancer , The role of CPI-455 in Esophageal squamous cell carcinoma(ESCC) are unknown.

AIM

[ALL](#)
[IMAGES](#)
[VIDEOS](#)

102 Results

Any time ▼

KDM5 histone demethylases repress immune response via ...

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.2006134> ▼

Aug 06, 2018 · Gale M, Sayegh J, Cao J, Norcia M, Gareiss P, Hoyer D, et al. Screen-identified selective inhibitor of lysine demethylase 5A blocks cancer cell growth and drug resistance. *Oncotarget*. 2016;7(26):39931–44. pmid:27224921. View Article PubMed/NCBI Google Scholar 68.

Cited by: 30

Author: Lizhen Wu, Jian Cao, Wesley L. Cai, Sab...

Publish Year: 2018

Structural Basis for KDM5A Histone Lysine Demethylase ...

<https://www.researchgate.net/publication/305381902...>

The histone lysine demethylase, KDM5B, which catalyzes the demethylation of histone 3 lysine 4 (H3K4), is important for embryonic stem (ES) cell differentiation, and is a critical regulator of the ...

KDM5A | Cancer Genetics Web

www.cancerindex.org/geneweb//KDM5A.htm ▼

Aug 31, 2019 · Clear cell renal cell carcinoma (ccRCC) is the major subtype of kidney cancer that is characterized by frequent inactivation of the von Hippel-Lindau (VHL) gene in 80-90% of the tumors. Recent reports using massive parallel sequencing technologies ...

KDM5 histone demethylases repress immune response via ...

journals.plos.org/plosbiology/article/file?id=10... ▼

reversible control of innate immune response. Since the discovery of histone demethylase activity of KDM5 proteins a decade ago, significant efforts have been dedicated to developing KDM5 inhibitors for clinical applications. In fact, a KDM5 inhibitor recently entered phase I clinical trial for treatment of hepatitis B infection. Here, we ...

Cited by: 30

Author: Lizhen Wu, Jian Cao, Wesley L. Cai, Sab...

Publish Year: 2018

Emerging of lysine demethylases (KDMs): From ...

<https://www.sciencedirect.com/science/article/pii/S0753332220305850>

Sep 01, 2020 · Lysine demethylases (KDMs) are a group of enzymes catalyze the demethylation on lysine residues of diverse macromolecules, which include proteins and nucleic acids [1,2]. Since the discovery of the first KDM in 2004, to date around 30 KDMs have been identified and characterized

(A) Based on their mechanism of action, KDMs are classified into two families: flavin-adenine

The Mitochondrial pathway of the lysine demethylase 5C inhibitor, C



Search

ALL

IMAGES

VIDEOS

TOOLS ▼

KDM5 histone demethylases repress immune response via ...

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.2006134> ▼

Aug 06, 2018 · Gale M, Sayegh J, Cao J, Norcia M, Gareiss P, Hoyer D, et al. Screen-identified selective **inhibitor** of **lysine demethylase** 5A blocks cancer **cell** growth and drug resistance. Oncotarget. 2016;7(26):39931–44. pmid:27224921. View Article PubMed/NCBI Google Scholar 68.

Cited by: 34

Author: Lizhen Wu, Jian Cao, Wesley L. Cai, Sabine ...

Publish Year: 2018

Structural Basis for KDM5A Histone Lysine Demethylase ...

<https://www.researchgate.net/publication/305381902...>

The histone **lysine demethylase**, KDM5B, which catalyzes the demethylation of histone 3 **lysine** 4 (H3K4), is important for embryonic stem (ES) **cell** differentiation, and is a critical regulator of the ...

KDM5A | Cancer Genetics Web

www.cancerindex.org/geneweb/KDM5A.htm ▼

Aug 31, 2019 · Clear **cell** renal **cell carcinoma** (ccRCC) is the major subtype of kidney cancer that is characterized by frequent inactivation of the von Hippel-Lindau (VHL) gene in 80-90% of the tumors. Recent reports using massive parallel sequencing technologies ...

Emerging of lysine demethylases (KDMs): From ...

<https://www.sciencedirect.com/science/article/pii/S0753332220305850>

Sep 01, 2020 · **Lysine** demethylases (KDMs) are a group of enzymes catalyze the demethylation on **lysine** residues of diverse macromolecules, which include proteins and nucleic acids [1,2]. Since the discovery of the first KDM in 2004, to date around 30 KDMs have been identified and characterized (). Based on their mechanism of action, KDMs are classified into two families—flavin adenine dinucleotide (FAD ...

Cited by: 3

Author: Sarder Arifuzzaman, Mst Reshma Khatun, ...

ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

110 Results

Any time ▾

[Emerging of lysine demethylases \(KDMs\): From ...](#)

<https://www.sciencedirect.com/science/article/pii/S0753332220305850>

Sep 01, 2020 · **Lysine** demethylases (KDMs) are a group of enzymes catalyze the demethylation on **lysine** residues of diverse macromolecules, which include proteins and nucleic acids [1,2]. Since the discovery ...

Cited by: 3

Author: Sarder Arifuzzaman, Mst Reshma Khatun, ...

Publish Year: 2020

[KDM5 histone demethylases repress immune response via ...](#)

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.2006134> ▾

Aug 06, 2018 · Author summary Pathogens often find ways to turn down **cell**-intrinsic antipathogen immune responses by the host. Similarly, cancer cells use various mechanisms to evade attack by...

Cited by: 35

Author: Lizhen Wu, Jian Cao, Wesley L. Cai, Sabine ...

Publish Year: 2018

[JARID1 Histone Demethylases: Emerging Targets in Cancer ...](#)

<https://www.researchgate.net/publication/319646537...>

Lysine-specific histone **demethylase 5C** (KDM5C) (also called JARID1C) is a family member of JmJC-KDMs, which specifically catalyzes H3K4me3/me2 demethylation and inhibits gene transcription by ...

[Advances in the development of histone lysine demethylase ...](#)

<https://www.researchgate.net/publication/277726379...>

A comprehensive analysis of gene expression changes in **esophageal squamous cell carcinoma** (ESCC) **cell** lines induced by the LSD1 **inhibitor** NCL1 was clarified via analysis using microarray.

[KDM5 histone demethylases repress immune response via ...](#)

journals.plos.org/plosbiology/article/file?id=10... ▾

reversible control of innate immune response. Since the discovery of histone **demethylase** activity of KDM5 proteins a decade ago, significant efforts have been dedicated to developing KDM5 inhibitors for...

Cited by: 35

Author: Lizhen Wu, Jian Cao, Wesley L. Cai, Sabine ...

Publish Year: 2018

[JARID1 Histone Demethylases: Emerging Targets in Cancer ...](#)

<https://www.sciencedirect.com/science/article/pii/S2405803317301619>