

Gene therapy coming of age: Opportunities and challenges ...

<https://www.mckinsey.com/industries/...>

< **Overview of The Market** Current Challenges of On-M... How to Unlock 1 >

The first set of promising gene therapies were brought to a halt after the 1999 death of Jesse Gelsinger from an immune reaction to the vector transporting a gene therapy for his metabolic disorder, and the development of leukemia by multiple patients—including one who died—in trials that ran between 1999 and 2002 for X-linked severe combined immunodeficiency (SCID-X).²² For more, see Barbara Sibbald, "Death but one unintended consequence of gene-therapy trial," Canadian Medical Association journal, ...

See more on [mckinsey.com](https://www.mckinsey.com)

Published: Oct 02, 2019

After challenging year, cell and gene therapy industry ...

<https://www.healio.com/news/hematology-oncology/...>

Feb 03, 2021 · Challenges presented by the COVID-19 pandemic did not stop progress in research or clinical development of gene and cell therapies, according to a ...

PEOPLE ALSO ASK

What are the challenges of gene therapies? ▾

What are the challenges of Oncology? ▾

Why are there so many clinical pathways in oncology? ▾

Why are rare diseases good targets for gene therapies? ▾

Feedback

Addressing Key Challenges in Cell and Gene Therapy ...

<https://www.technologynetworks.com/biopharma/blog/...>

Oct 29, 2020 · Hugh H. Tansey (HHT): Applications where cell therapies are in development include oncology, musculoskeletal, autoimmunity and dermatology. Currently, the application receiving the most attention – and funding and development – is in oncology, with the advent and approvals of therapies for

2,400,000 Results Any time ▾

Current Challenges in Cancer Treatment

<https://pubmed.ncbi.nlm.nih.gov/27158009>

Purpose: In this review, we highlight the **current** concepts and discuss some of the **current challenges** and future prospects in **cancer therapy**. We frequently use the example of **lung cancer**. Methods: We...

Cited by: 280 Author: Jon Zugazagoitia, Cristiano Guedes, Santia...

Publish Year: 2016

Current treatment and future challenges in ROS1- and ALK ...

<https://pubmed.ncbi.nlm.nih.gov/33743408>

Current treatment and future challenges in ROS1- and ALK-rearranged advanced non-small cell **lung cancer** *Cancer Treat Rev* . 2021 Apr;95:102178. doi: 10.1016/j.ctrv.2021.102178.

Author: Jordi Remon, Daniele Pignataro, Silvia ... Publish Year: 2021

PEOPLE ALSO ASK

What kind of journal is Clinical Lung cancer? ▾

How are targeted therapies used to treat lung cancer? ▾

What are the current challenges in cancer treatment? ▾

What are the latest developments in lung cancer? ▾

Feedback

Treatment of advanced non small cell lung cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3256511>

Dec 04, 2010 · Introduction. Non-small cell **lung cancer** (NSCLC) is the leading cause of **cancer**-related death in the world. NSCLC is a heterogeneous aggregate of histologies, including squamous cell...

Cited by: 123 Author: Maria Anna Bareschino, Clorinda Schettino,...

Publish Year: 2011

Lung cancer and metastasis: new opportunities and challenges

<https://link.springer.com/article/10.1007/s10555-015-9562-4> ▾

May 09, 2015 · **Lung cancer** continues to attract special attention since the real number of **lung cancer** mortality and incidence in 2014 was definitely higher than those estimated numbers according to the...



64862_Auto_Edited -IT.docx

Quotes Excluded
Bibliography Excluded

2%
Match

Name of Journal: *World Journal of Clinical Oncology*

Manuscript NO: 64862

Manuscript Type: MINIREVIEWS

Current challenges in applying gene-driven therapies in clinical lung cancer practice

Challenges in lung cancer gene therapies

Jatta Saarenheimo, Heidi Andersen, Natalja Eigeliene, Antti P Jekunen

Match Overview

Match #	Source	Words	Match %
1	Internet crawled on 21-Oct-2019 academic.oup.com	40 words	1%
2	Crossref Zhen-guo Huang, Hong-kang Sun, Cun-li Wang, Bao-xiang Guo, He-Chen, Jiao-xiang Yang, Jiao-kang Chen. "CT-guided transi	18 words	1%
3	Internet crawled on 14-Feb-2017 www.euroasect.com	13 words	<1%

国内版 国际版

Current challenges in applying gene-driven therapies in clinical lun



ALL IMAGES VIDEOS

499,000 Results Any time ▾

Lung cancer and metastasis: new opportunities and challenges

<https://link.springer.com/article/10.1007/s10555-015-9562-4>

May 09, 2015 · The present special issue highly focuses on advanced discovery and development of lung cancer and metastasis and discusses about potential opportunities and challenges to be faced. The present issue explores clinical applications of cancer immunotherapies, gene therapies, radiotherapies, or target-oriented therapies.

Cited by: 26 Author: Xiangdong Wang, Alex A. Adjei

Publish Year: 2015 Estimated Reading Time: 9 mins

(PDF) Clinicians' Expectations for Gene-Driven Cancer Therapy

https://www.researchgate.net/publication/270656967_Clinicians

Clinicians' Expectations for Gene-Driven Cancer Therapy.pdf. ... Considering the lung cancer diagnosis and conducting the meta-analysis on the articles, the results for the improvement trends in ...

Author: Antti Jekunen

Videos of Current Challenges In Applying Gene-Driven Thera...

<bing.com/videos>



Why You Should Consider a Clinical Trial for Lung Cancer Treatment

157 views · 11 months ago
[Vimeo](#) › [Patient Empower...](#)



Considering a Clinical Trial for Lung Cancer Treatment? What You Should Know

78 views · 10 months ago
[Vimeo](#) › [Patient Empower...](#)



Learning About Lung Cancer Clinical Trials

curetoday.com

See more videos of Current Challenges In Applying Gene-Driven Therapies In Clinical Lung Cancer Practice

For Early-Stage Lung Cancer, a New Biomarker and