

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

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**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 ...

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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

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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

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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? ▾

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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> ▾

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Lung cancer and metastasis: new opportunities and challenges

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

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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

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Author: Antti Jekunen

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