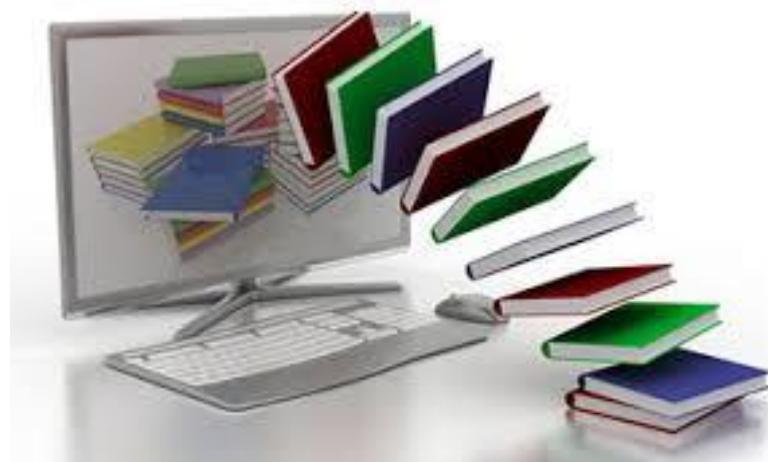


Scientometria e Bibliometria: Finalità, metodi e strumenti

Corso opzionale 3 CFU
AA 2025/2026



TOPIC: Banche dati bibliografiche

Prof. Alessia Peserico

Ricevimento: Previo appuntamento concordato via mail
Email: apeserico@unite.it

Ricerca bibliografica



Motore di ricerca

Sviluppato dalla National Library of Medicine (NLM) and National center of Biotechnology (NIH) Information

Portale di letteratura biomedica e discipline ad esse correlate (dal 1948)

Link to full-text

Oltre 31 milioni di citazioni Bibliografiche

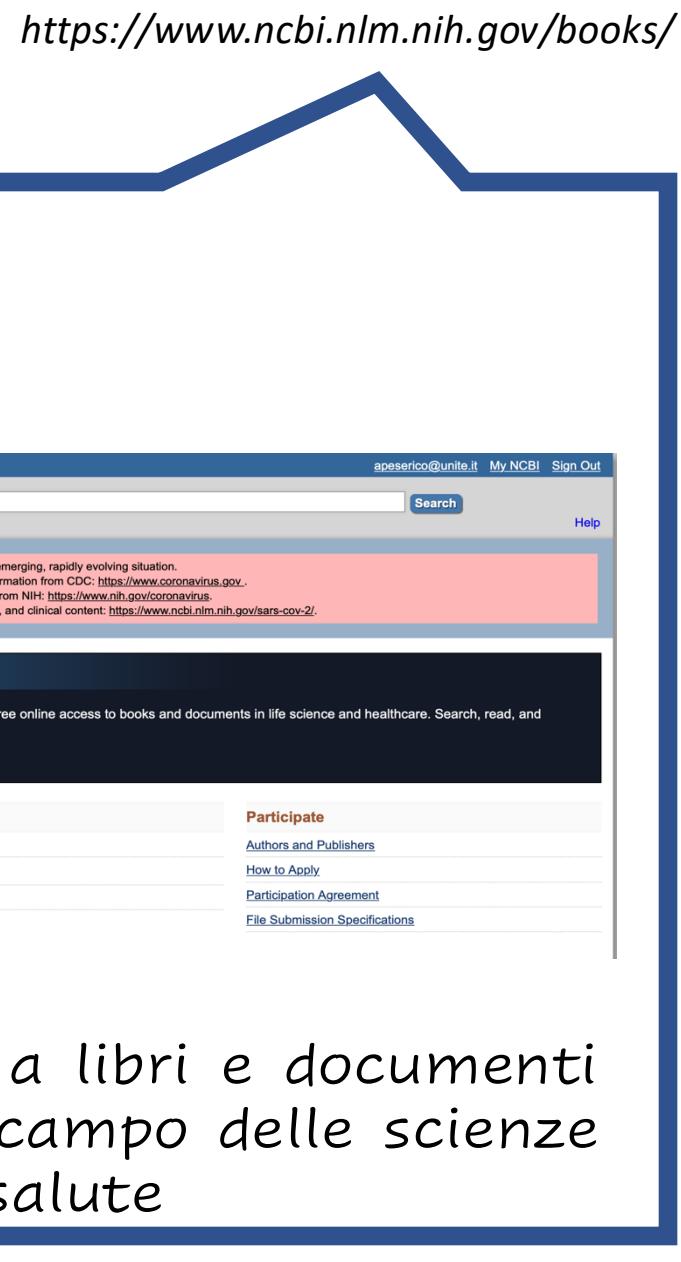
Riferite agli archivi MEDLINE-PMC-NCBI Bookshelf

- ❖ Citazioni da più di 5200 riviste in tutto il mondo
- ❖ Rigo processo di selezione giornale per inclusione in MEDLINE
 - a. qualità del contenuto scientifico del giornale
 - b. originalità
 - c. Impatto per la comunità scientifica



Nasce nel 2000 come un archivio di letteratura biomedica e di scienze della vita ad accesso gratuito

Alcune riviste di PMC sono anche su MEDLINE



Accesso gratuito a libri e documenti (es. Reports) nel campo delle scienze della vita e della salute

Citazione bibliografica

Tutti i documenti depositati nel database PUBMED, sono catalogati sottoforma di citazioni bibliografiche

Rappresentazione bibliografica di un documento



Insieme di informazioni che riportano dei dati essenziali relativi ad un documento (carta d'identità). In PubMed il documento è un articolo scientifico.

Ogni citazione bibliografica è dunque formata da campi che contengono info che ci aiutano a capire se gli articoli che li contengono ci interessano e se intendiamo dunque cercarne il testo completo per una lettura integrale

Search PubMed

Search

Advanced

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Links ad istruzioni ed aggiornamenti

Opzioni di ricerca con strategie predeterminate

Link per ricerca tramite descrittori MeSH



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Explore

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[Journals](#)

Legacy PubMed (available until at least 10/31/2020)

Basic search

Definita anche come **ricerca con termini liberi** (tratti dal linguaggio scientifico)

Il sistema ci aiuta suggerendoci una lista di termini a partire da quello inserito

I risultati vengono visualizzati in ordine cronologico

Esempi di Basic search

PubMed.gov

epigenetics

epigenetics

epigenetics cancer

Citations may include links to full-text content from PubMed Central and publisher web sites.

Search

PubMed.gov

Pasini D

Advanced

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Search

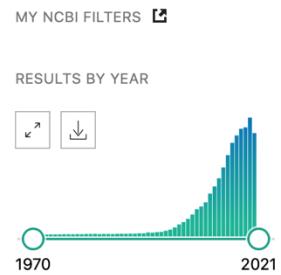
PubMed.gov

epigenetics cancer

Advanced Create alert Create RSS User Guide

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Sorted by: Best match Display options



- Cancer epigenetics: from mechanism to therapy.**
- 1 Dawson MA, Kouzarides T.
 Cell. 2012 Jul 6;150(1):12-27. doi: 10.1016/j.cell.2012.06.013.
 PMID: 22770212 **Free article.** Review.
- Here, we present the basic principles behind these **epigenetic** pathways and highlight the evidence suggesting that their misregulation can culminate in **cancer**. This information, along with the promising clinical and preclinical results seen with **epigenetic** dru ...

- TEXT AVAILABILITY
- Abstract
- Free full text
- Full text
- ARTICLE ATTRIBUTE
- Associated data

- Cancer epigenetics: Moving forward.**
- 2 Nebbiosi A, Tambaro FP, Dell'aversana C, Altucci L.
 PLoS Genet. 2018 Jun 7;14(6):e1007362. doi: 10.1371/journal.pgen.1007362. eCollection 2018 Jun.
 PMID: 29879107 **Free PMC article.** Review.
- Here, we review whether altered **epigenetic** landscapes are merely a consequence of chromatin modifier/remodeler aberrations or a hallmark of **cancer** etiology. ...The implementation of acquired knowledge of **epigenetic** biomarkers for patient stratification, toget ...

PubMed.gov

Pasini D

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- 2 Functional Landscape of PCGF Proteins Reveals Both RING1A/B-Dependent-and RING1A/B-Independent-Specific Activities.
 Scelfo A, Fernández-Pérez D, Tamburri S, Zanotti M, Lavarone E, Soldi M, Bonaldi T, Ferrari KJ, **Pasini D.**
 Mol Cell. 2019 Jun 6;74(5):1037-1052.e7. doi: 10.1016/j.molcel.2019.04.002. Epub 2019 Apr 24.
 PMID: 31029542 **Free PMC article.**

- 3 The H3K36me2 Methyltransferase Nsd1 Demarcates PRC2-Mediated H3K27me2 and H3K27me3 Domains in Embryonic Stem Cells.
 Streubel G, Watson A, Jammula SG, Scelfo A, Fitzpatrick DJ, Oliviero G, McCole R, Conway E, Glancy E, Negri GL, Dillon E, Wynne K, **Pasini D**, Krogan NJ, Bracken AP, Cagney G.

Componenti di una citazione

- 1 Histone H2AK119 Mono-Ubiquitination Is Essential for Polycomb-Mediated Transcriptional Repression.

Cite Tamburri S, Lavarone E, Fernández-Pérez D, Conway E, Zanotti M, Manganaro D, Pasini D.
Share Mol Cell. 2020 Feb 20;77(4):840-856.e5. doi: 10.1016/j.molcel.2019.11.021. Epub 2019 Dec 26.
PMID: 31883952 Free PMC article.

Titolo

Lista degli autori

Coordinate dell'articolo: anno mese giorno di pubblicazione, Volume, fascicolo, pagine, link DOI (Digital Object Identifier, usato per creare link a documenti elettronici). Eventuale pubblicazione online pre stampa

PMID: PubMed IDentifier, numero unico assegnato a ciascuna citazione
PubMed

Histone H2AK119 Mono-Ubiquitination Is Essential for Polycomb-Mediated Transcriptional Repression

Simone Tamburri ¹, Elisa Lavarone ¹, Daniel Fernández-Pérez ², Eric Conway ¹, Marika Zanotti ¹, Daria Manganaro ¹, Diego Pasini ³

Affiliations + expand

PMID: 31883952 PMCID: PMC7033561 DOI: 10.1016/j.molcel.2019.11.021

Free PMC article

Abstract

Polycomb group proteins (PcGs) maintain transcriptional repression to preserve cellular identity in two distinct repressive complexes, PRC1 and PRC2, that modify histones by depositing H2AK119ub1 and H3K27me3, respectively. PRC1 and PRC2 exist in different variants and show a complex regulatory cross-talk. However, the contribution that H2AK119ub1 plays in mediating PcG repressive functions remains largely controversial. Using a fully catalytic inactive RING1B mutant, we demonstrated that H2AK119ub1 deposition is essential to maintain PcG-target gene repression in embryonic stem cells (ESCs). Loss of H2AK119ub1 induced a rapid displacement of PRC2 activity and a loss of H3K27me3 deposition. This preferentially affected PRC2.2 variant with respect to PRC2.1, destabilizing canonical PRC1 activity. Finally, we found that variant PRC1 forms can sense H2AK119ub1 deposition, which contributes to their stabilization specifically at sites where this modification is highly enriched. Overall, our data place H2AK119ub1 deposition as a central hub that mounts PcG repressive machineries to preserve cell transcriptional identity.

Keywords: Chromatin modifications; H2AK119ub1; H3K27me3; JARID2; MTF2; PRC1; PRC2; Polycomb; RING1B; transcriptional repression.

FULL TEXT LINKS



Links diretti all'articolo in rivista

ACTIONS



Link a citazione formattata per bibliografia

SHARE



Condivisioni

PAGE NAVIGATION

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Abstract

Conflict of interest statement

Figures

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Publication types

MeSH terms

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Related information

Links a dettagli dell'articolo

Advanced search

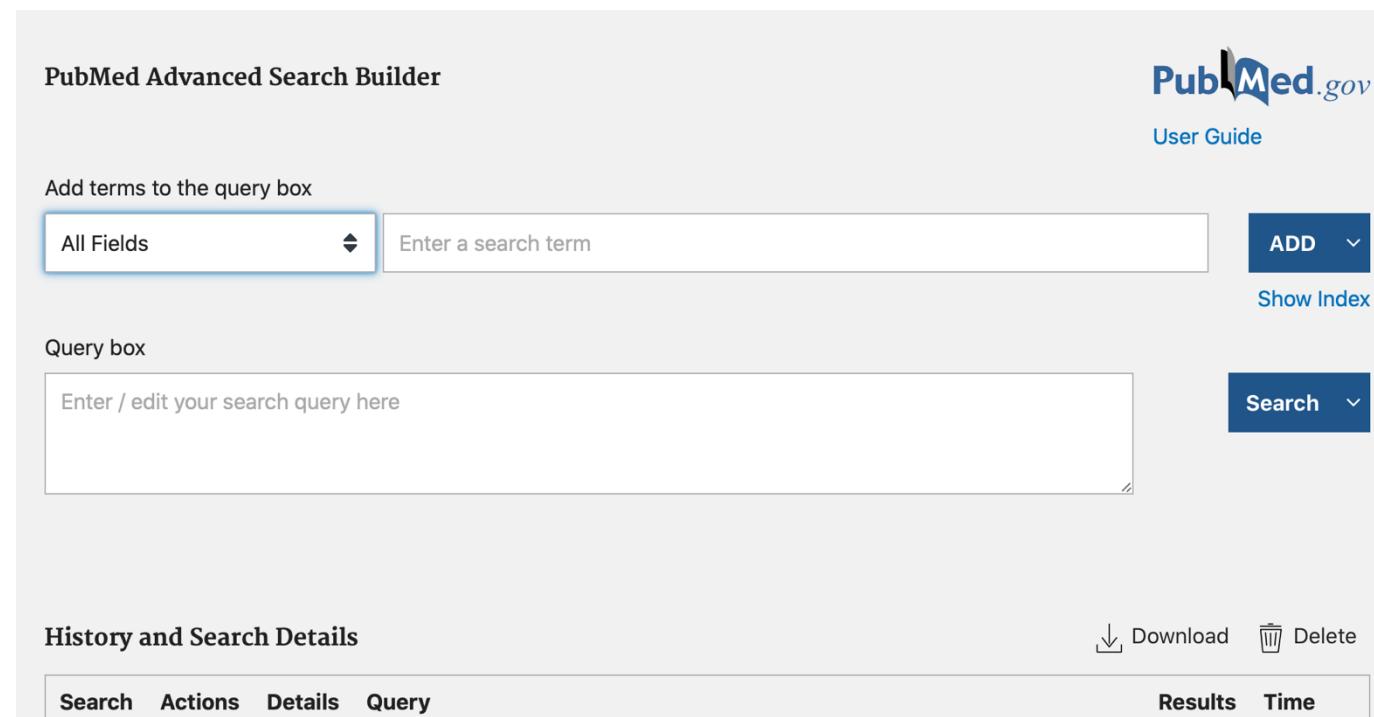
❖ Definizione del campo di ricerca

(autore, data/e, giornale, editore, book, grant number, titolo, etc...)

❖ Possibile utilizzo di operatori Booleani e wildcards

AND, OR, NOT, *, ?

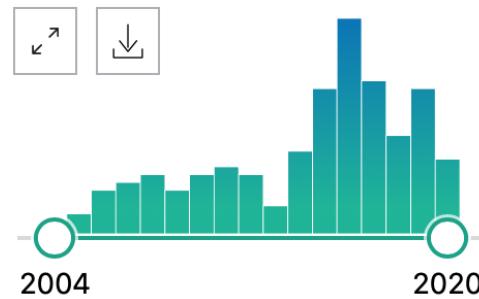
❖ Salvare le ricerche



The screenshot shows the PubMed Advanced Search Builder interface. At the top right is the PubMed logo and a 'User Guide' link. Below the logo are buttons for 'ADD' and 'Show Index'. The main search area has a dropdown menu 'All Fields' and a search term input field 'Enter a search term'. Below this is a 'Query box' with a placeholder 'Enter / edit your search query here'. At the bottom are buttons for 'Search' and 'Download' (with a 'Delete' option). A navigation bar at the bottom includes 'Search', 'Actions', 'Details', 'Query', 'Results', and 'Time'.

MY NCBI FILTERS 

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

- Books and Documents
- Clinical Trial
- Meta-Analysis
- Randomized Controlled Trial
- Review
- Systematic Review

PUBLICATION DATE

- 1 year
- 5 years
- 10 years
- Custom Range

Additional filters

Reset all filters

Altri filtri di ricerca dell'Advanced search

ARTICLE TYPE

- | | |
|---|---|
| <input type="checkbox"/> Duplicate Publication | <input type="checkbox"/> Research Support, U.S. Gov't, Non-P.H.S. |
| <input type="checkbox"/> Editorial | <input type="checkbox"/> Research Support, U.S. Gov't, P.H.S. |
| <input type="checkbox"/> Electronic Supplementary Materials | <input type="checkbox"/> Research Support, U.S. Gov't |
| <input type="checkbox"/> English Abstract | <input type="checkbox"/> Retracted Publication |
| <input type="checkbox"/> Evaluation Study | <input type="checkbox"/> Retraction of Publication |
| <input type="checkbox"/> Festschrift | <input type="checkbox"/> Scientific Integrity Review |
| <input type="checkbox"/> Government Publication | <input type="checkbox"/> Technical Report |
| <input type="checkbox"/> Guideline | <input type="checkbox"/> Twin Study |
| <input type="checkbox"/> Historical Article | <input type="checkbox"/> Validation Study |
| <input type="checkbox"/> Interactive Tutorial | <input type="checkbox"/> Video-Audio Media |
| <input type="checkbox"/> Interview | <input type="checkbox"/> Webcast |
| <input type="checkbox"/> Introductory Journal Article | |

Cancel

Show

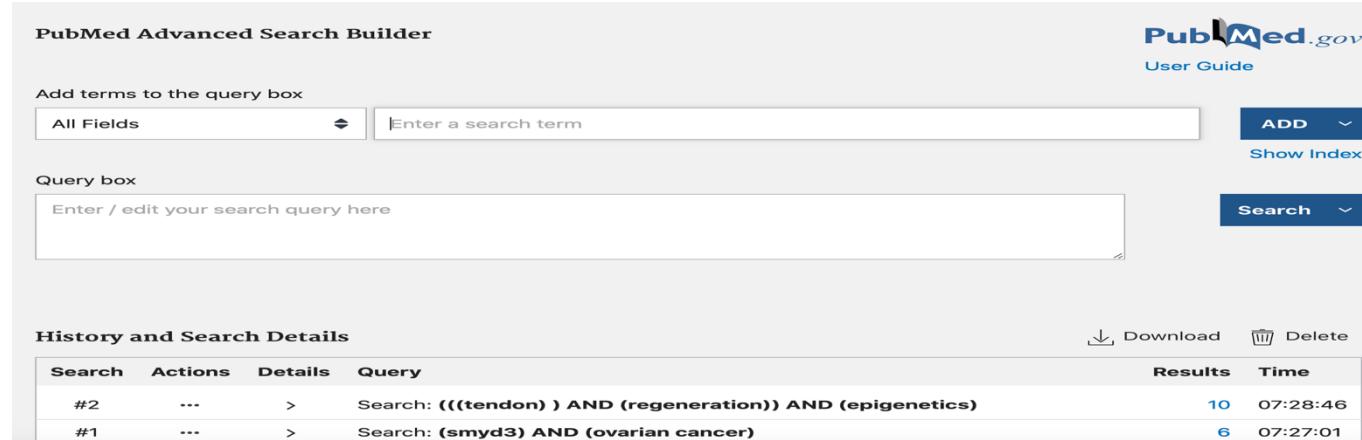
Search History

Tutte le ricerche eseguite sono automaticamente memorizzate nella **sezione History** (home page della ricerca)

1. Actions: Possono essere combinate tra loro con gli operatori booleani. Cliccando sul actions apparirà un menù a tendina dal quale è possibile selezionare l'operatore booleano che interessa, cancellare la ricerca, rilanciare la ricerca o creare un alert.

2. Details: Per visualizzare i dettagli . Termini simili di ricerca suggeriti e termini MeSH.

La History rimane attiva per 8 ore e permette di visualizzare fino a 100 stringhe di ricerca



The screenshot shows the PubMed Advanced Search Builder interface. At the top, there are search boxes for 'Add terms to the query box' (with 'All Fields' selected) and 'Enter a search term'. To the right are buttons for 'ADD' (with a dropdown menu), 'Show Index', and 'Search' (with a dropdown menu). Below these is a large 'Query box' with the placeholder 'Enter / edit your search query here'. At the bottom, the 'History and Search Details' section displays a table of previous searches. The table has columns for 'Search', 'Actions', 'Details', 'Query', 'Results', and 'Time'. Two entries are shown:

Search	Actions	Details	Query	Results	Time
#2	...	>	Search: (((tendon)) AND (regeneration)) AND (epigenetics)	10	07:28:46
#1	...	>	Search: (smyd3) AND (ovarian cancer)	6	07:27:01

Below the table are 'Download' and 'Delete' buttons.

Ricerca con termini MeSH o ricerca con linguaggio controllato

COSA SONO

Descrittori MeSH (**M**Edical **S**ubject **H**eadings)

Vocabolario di termini controllati (descrittori) della NLM

Lista di termini ognuno
corrispondente ad un
concetto o una classe di
concetti

A COSA SERVONO

Usato per l' **indicizzazione** degli articoli di MEDLINE®/PubMed.

Strumento essenziale per il recupero delle informazioni, in particolare quando esistono termini differenti per esprimere un medesimo concetto.

Indicizzare

1. **estrarre** i dati principali di ogni articolo su autore/i (nome, affiliazione,...), contenuto (titolo, abstract,...), fonte (titolo della rivista, ISSN, data di pubblicazione,...)
2. **assegnare** dati gestionali (codici,...).

Tempi di indicizzazione: da 15 giorni a 2 mesi dal momento della pubblicazione

adult stem cell
adult stem cell research
adult stem cells
assay, stem cell
assays, stem cell
cancer stem cell
cancer stem cells
cord blood stem cell transplantation
dual stem cell factor, human
embryonal carcinoma stem cells
embryonic stem cell
embryonic stem cell research
embryonic stem cells
erythroid stem cell
erythroid stem cells
erythropoietic stem cell
erythropoietic stem cells
f9 teratocarcinoma stem cells
fetal stem cell
fetal stem cells

Using MeSH

Help

Tutorials



Subheadings

Aspetti su cui focalizzare la ricerca

Full ▾

Send to: ▾

Stem Cells

Relatively undifferentiated cells that retain the ability to divide and proliferate throughout postnatal life to provide progenitor cells that can differentiate into specialized cells.
Year introduced: 1984

PubMed search builder options

Subheadings:

- | | | |
|--|---|--|
| <input type="checkbox"/> abnormalities | <input type="checkbox"/> embryology | <input type="checkbox"/> physiology |
| <input type="checkbox"/> analysis | <input type="checkbox"/> enzymology | <input type="checkbox"/> physiopathology |
| <input type="checkbox"/> anatomy and histology | <input type="checkbox"/> etiology | <input type="checkbox"/> radiation effects |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> growth and development | <input type="checkbox"/> surgery |
| <input type="checkbox"/> classification | <input type="checkbox"/> immunology | <input type="checkbox"/> therapy |
| <input type="checkbox"/> cytology | <input type="checkbox"/> metabolism | <input type="checkbox"/> transplantation |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> microbiology | <input type="checkbox"/> ultrastructure |
| <input type="checkbox"/> diagnostic imaging | <input type="checkbox"/> parasitology | <input type="checkbox"/> virology |
| <input type="checkbox"/> drug effects | | |

 Restrict to MeSH Major Topic. Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): A11.872

MeSH Unique ID: D013234

Entry Terms:

- Cell, Stem
- Cells, Stem
- Stem Cell
- Progenitor Cells
- Cells, Progenitor
- Progenitor Cell
- Mother Cells
- Cell, Mother
- Cells, Mother
- Mother Cell
- Colony-Forming Unit
- Colony Forming Unit
- Colony-Forming Units
- Colony Forming Units

Previous Indexing:

- Cell Differentiation (1966-1983)
- Cell Line (1969-1983)
- Cells, Cultured (1972-1983)
- Colony-Forming Units Assay (1979-1983)

See Also:

- Cell Self Renewal
- Stem Cell Research

All MeSH Categories
Anatomy Category
Cells

Stem Cells

- Adult Stem Cells
- Adult Germinal Stem Cells
- Induced Pluripotent Stem Cells
- Fetal Stem Cells
- Hematopoietic Stem Cells
- Hemangioblasts
- Lymphoid Progenitor Cells +
- Myeloid Progenitor Cells +
- Peripheral Blood Stem Cells
- Multipotent Stem Cells
- Mesenchymal Stem Cells

Entry terms
sinonimi che portano
allo stesso termine

Gerarchia del MeSH

Dal vocabolario MeSH al database PubMed...

Full ▾

Stem Cells

Relatively undifferentiated cells that retain the ability to divide and proliferate throughout postnatal life to provide progenitor cells that can differentiate into specialized cells.

Year introduced: 1984

PubMed search builder options

[Subheadings:](#)

Send to: ▾

Box di ricerca

PubMed Search Builder

"Stem Cells" [Mesh]

[Add to search builder](#)

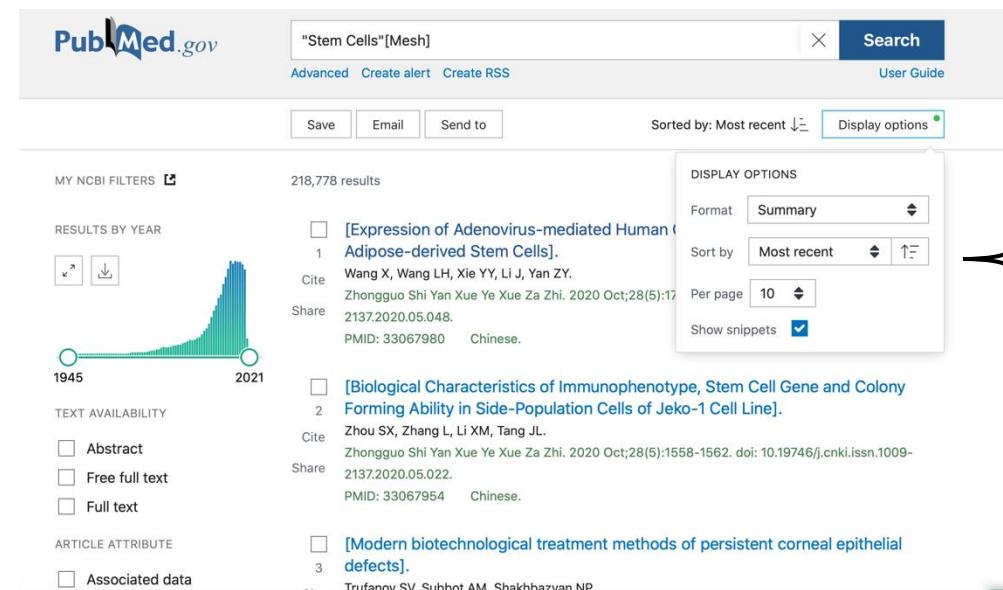
AND ▾

[Search PubMed](#)

1. Add to search builder
2. Search Pubmed



Lista delle citazioni per il termine MeSH indicato



Summary
Abstract
Pubmed
PMID

[Expression of Adenovirus-mediated Human Clotting Factor IX Gene in Mouse Adipose-derived Stem Cells]

[Article in Chinese]

Xin Wang ¹, Lin-Hong Wang ¹, Yan-Yan Xie ¹, Jie Li ¹, Zhen-Yu Yan ²

Affiliations + expand

PMID: 33067980 DOI: [10.19746/j.cnki.issn.1009-2137.2020.05.048](https://doi.org/10.19746/j.cnki.issn.1009-2137.2020.05.048)

Abstract in English, [Chinese](#)

Objective: To investigate the adenovirus-mediated expression of human clotting factor IX (hFIX) gene in mouse adipose-derived stem cells(ADSC).

Methods: The mouse ADSC were isolated and cultured in vitro, the morphology of cells was observed and its growth viability was detected by using CCK-8. Cell surface markers

Conclusion: Adenovirus-carried hFIX gene can effectively transfect ADSC. ADSC modified gene can secrete hFIX protein with coagulation activity.

SUPPLEMENTARY INFO

MeSH terms, Substances + expand



MeSH terms

- > [Adenoviridae* / genetics](#)
- > [Adipogenesis](#)
- > [Animals](#)
- > [Factor IX* / genetics](#)
- > [Humans](#)
- > [Mice](#)
- > [Osteogenesis](#)
- > [Stem Cells](#)

Substances

- > [Factor IX](#)

Esempio utilizzo operatori booleani con Subheadings

Full ▾

Leukemia

A progressive, malignant disease of the blood-forming organs, characterized by distorted proliferation and development of leukocytes and their precursors in the blood and bone marrow. Leukemias were originally termed acute or chronic based on life expectancy but now are classified according to cellular maturity. Acute leukemias consist of predominately immature cells; chronic leukemias are composed of more mature cells. (From The Merck Manual, 2006)

PubMed search builder options

[Subheadings:](#)

- analysis
 - anatomy and histology
 - blood
 - blood supply
 - cerebrospinal fluid
 - chemical synthesis
 - chemically induced
 - chemistry
 - classification
 - complications
 - congenital
 - cytology
 - diagnosis
 - diagnostic imaging
 - diet therapy
 - drug effects
-
- economics
 - embryology
 - enzymology
 - epidemiology
 - ethnology
 - etiology
 - genetics
 - history
 - immunology
 - legislation and jurisprudence
 - metabolism
 - microbiology
 - mortality
 - nursing
 - organization and administration
 - parasitology

- pathology
- physiology
- physiopathology
- prevention and control
- psychology
- radiotherapy
- rehabilitation
- secondary
- statistics and numerical data
- surgery
- therapeutic use
- therapy
- transmission
- ultrastructure
- urine
- veterinary

Send to: ▾

PubMed Search Builder

```
( "Leukemia/diagnostic imaging"  
[Mesh] OR  
"Leukemia/radiotherapy" [Mesh] )
```

[Add to search builder](#)

AND ▾

[Search PubMed](#)

[YouTube Tutorial](#)

Related information

[PubMed](#)

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[Clinical Queries](#)

[NLM MeSH Browser](#)

[dbGaP Links](#)

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Epub 2020 Aug 31.

¹⁸FDG-PET imaging and histopathology in neuroleukemiosis with acute myeloid leukemia

Yusuke Kiyoki ¹, Ryota Matsuoka ², Tomohiro Kaneta ³, Hidekazu Nishikii ⁴

Affiliations + expand

PMID: 32865707 DOI: [10.1007/s12185-020-02976-w](https://doi.org/10.1007/s12185-020-02976-w)

No abstract available

SUPPLEMENTARY INFO

Publication types, MeSH terms, Substances, Grant support – collapse

MeSH terms

- > Adult
- > Bone Marrow / pathology
- > Fatal Outcome
- > Fluorodeoxyglucose F18*
- > Granulocyte Precursor Cells / pathology
- > Humans
- > Leukemia, Myeloid, Acute / diagnosis
- > Leukemia, Myeloid, Acute / diagnostic imaging*
- > Leukemia, Myeloid, Acute / drug therapy
- > Leukemia, Myeloid, Acute / pathology*
- > Leukemic Infiltration*
- > Male
- > Meninges / pathology*
- > Peripheral Nerves / pathology*
- > Positron Emission Tomography Computed Tomography / methods*
- > Positron-Emission Tomography / methods*
- > Radiopharmaceuticals*

Potential new method for rapid diagnosis of radiation sickness

Elizabeth Gourd

PMID: 32738931 PMCID: [PMC7392597](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7392597/) DOI: [10.1016/S1470-2045\(20\)30421-6](https://doi.org/10.1016/S1470-2045(20)30421-6)

Free PMC article

No abstract available

 1 figure

SUPPLEMENTARY INFO

Publication types, MeSH terms – collapse

MeSH terms

- > Hematologic Tests / methods*
- > Humans
- > Leukemia / blood
- > Leukemia / pathology
- > Leukemia / radiotherapy*
- > Radiation Injuries / blood
- > Radiation Injuries / diagnosis*
- > Time Factors

Tools addizionali di PubMed

Journals

Utile per ricercare le riviste contenute in Medline e le informazioni sulle stesse attraverso titolo, International Standard Serial Number (ISSN) e parole chiave

Single Citation Matcher

Permette di recuperare singole citazioni compilando semplicemente dei campi con le informazioni che abbiamo a disposizione (es.nome dell'autore, rivista, anno...). più campi saranno compilati più focalizzata sarà la ricerca

Clinical Queries

Filtri di ricerca costruiti e validati da personale esperto e creati per recuperare gli studi metodologicamente più rilevanti.

Single Citation Matcher

PubMed Single Citation Matcher

Use this tool to find PubMed citations. You may omit any field.

Journal [Help](#)

Date

 yyyy/mm/dd

(month and day are optional)

Details

 Volume Issue First page

Author name [Help](#)

Limit authors

 Only as first author Only as last author

Title words

[Search](#)

[Clear form](#)

← **Maschera di ricerca**

Esempio di record ottenuto

> [Mol Cell.](#) 2020 Feb 20;77(4):840-856.e5. doi: 10.1016/j.molcel.2019.11.021. Epub 2019 Dec 26.

Histone H2AK119 Mono-Ubiquitination Is Essential for Polycomb-Mediated Transcriptional Repression

Simone Tamburri ¹, Elisa Lavarone ¹, Daniel Fernández-Pérez ², Eric Conway ¹, Marika Zanotti ¹, Daria Manganaro ¹, Diego Pasini ³

Affiliations + expand

PMID: 31883952 PMCID: [PMC7033561](#) DOI: [10.1016/j.molcel.2019.11.021](#)

[Free PMC article](#)

Abstract

Polycomb group proteins (PcGs) maintain transcriptional repression to preserve cellular identity in

FULL TEXT LINKS

[CellPress](#)
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Full text

ACTIONS

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