

ReadCube Literature Review

LITERATURE REVIEW USER AI GUIDE / V 1.0 / SEPT 2024

ReadCube Home Page

Home Page

Navigation Menu

Navigate effortlessly between ReadCube Search, Libraries, Literature Review, and Tools.

Search by Dimensions

The ReadCube homepage offers robust, full-text search powered by Dimensions.

Search across the most comprehensive research database available, with access to over 120 million research publications.

Save your most effective queries to use again and find recommendations for relevant articles based on an existing collection in your libraries

Navigation Menu

Library

Search

Literature
Review

Tools

Help
resources

Profile
settings

Search

+ New Search

☆ Starred

◇ Recommended

FILTER RESULTS

AI Filter

RECENTS

No recent searches

?

JB

Starred Searches

Name	Date saved	
title:"acute myeloid leukemia" AND year:[2022 TO *]	02/08/24 8:18am	...

Search
Edit name
Remove

Search by Dimensions

Full text search of the world's largest linked research database. [Learn more](#)

Search record name or metadata

Search

Advanced

Advanced search

Basic search

Advanced Search

Query Builder AI Assist Search Sequences

Add to Query

And Or Not All Fields + Add

Preview & Search

Select fields above and tap +Add to preview syntax

Powerful search tools with AI integration

- Avoid syntax errors using the **Query Builder** to select fields and enter terms
- Enter a plain text description of your query and **AI Assist** can generate the query for you
- Create **Search Sequences** for a straightforward approach to creating complex queries

Advanced Search ×

Query Builder ✦ AI Assist Search Sequences

Add to Query

And Or Not Year ▼ Range ▼ 2022 to *| + Add

Preview & Search

title:"acute myeloid leukemia" AND year:[2022 TO *] ... Search

Advanced Search ×

Query Builder ✦ AI Assist Search Sequences

e.g. "Find research papers on climate change published in the last 5 years" Generate Query

Preview & Search

"acute myeloid leukemia" AND publication_date:[2022-01-01 TO *] ... Search

Reset
Add to Sequence

Advanced Search ×

Query Builder ✦ AI Assist Search Sequences

Publication Date Custom range ▼ YYYY-MM-DD 📅 to YYYY-MM-DD 📅

Type query syntax and press ENTER to add to list + Add

Ref	Query	Results
#1	"acute myeloid leukemia" AND publication_date:[2022-01-01 TO *]	- Search ...
#2	"adverse events " OR "negative reaction" NOT journal:1943-569X	- Search ...

Library Feature Overview

ReadCube Libraries & Lists

Your Literature Review journey begins with ReadCube libraries. With flexible organization tools and a wide variety of data ingestion options, you can capture all of the most important literature for your research projects.

The screenshot displays the ReadCube Library interface with several callouts highlighting key features:

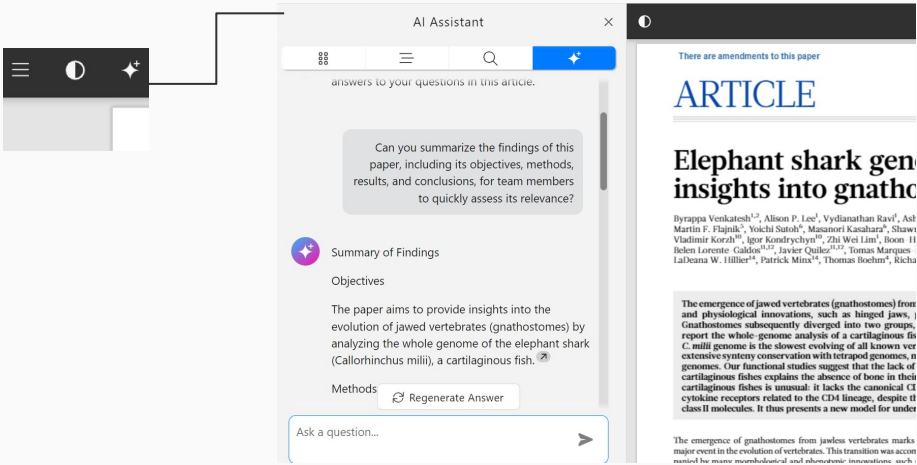
- Article Info**: Points to the 'i' icon in the top toolbar.
- Edit Metadata**: Points to the document icon in the top toolbar.
- Share**: Points to the share icon in the top toolbar.
- Notes**: Points to the speech bubble icon in the top toolbar.
- Article Analytics**: Points to the bar chart icon in the top toolbar.
- Files/Supplements**: Points to the folder icon in the top toolbar.
- Export**: Points to the export icon in the top toolbar.
- Import/Add References**: Points to the plus icon in the top toolbar.
- Library Search**: Points to the search bar in the top right.
- Sort Library View**: Points to the 'Sort' button in the top right.
- Advanced Organization**: Points to the star icon in the article view.
- Tags**: Points to the 'Tags' section in the article view.
- Lists**: Points to the 'Lists' section in the article view.
- View PDF**: Points to the 'View PDF' button in the article view.
- Article Preview**: Points to the article preview area at the bottom.

The interface includes a sidebar with 'Shared Libraries' and 'Personal Library' sections. The main area shows a list of articles with columns for 'Last Author', 'Title', and 'Journal'. A context menu is open over the article 'Elephant shark genome provides unique insights into gnathostome evolution', showing options like 'Create List', 'Edit', 'Delete', 'Export to...', 'Share as Public List', 'Create Filtered List', 'Get Email Alerts', 'Copy to...', 'Locate PDFs', 'Assistant', 'Update Details', 'Remove from List', 'Link Existing Files', 'Export PDFs', and 'Literature Review'. The article view shows the title, authors, and a 'View PDF' button.

AI Assistant

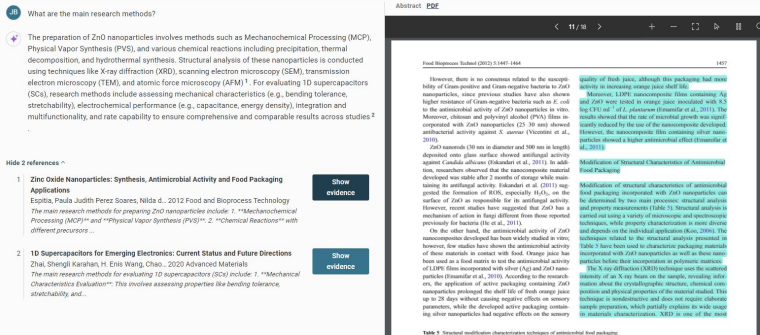
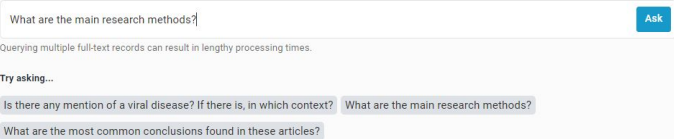
AI Assist for Individual PDFs

- In the PDF Viewer look for the AI symbol in the upper left corner of your document to open the AI Assistant
- Enter prompts to extract summaries, quantitative data, terminology and more



Analyse a collection of articles with AI Assist

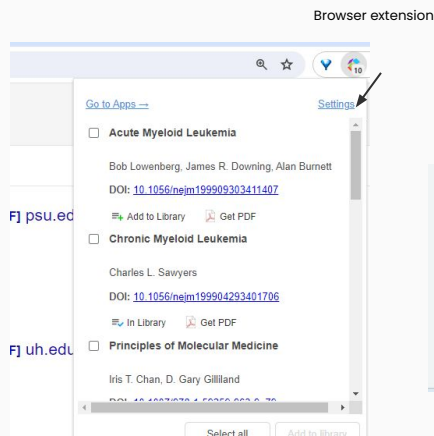
- Click on the gear menu for your list of articles to **Launch AI Session** for the collection
- Select a suggested prompt or enter your own
- AI Assist will analyze based on your prompt and list all articles that answer the query, allowing you to link directly to the evidence in the paper for the response



Importing & Ingesting Literature

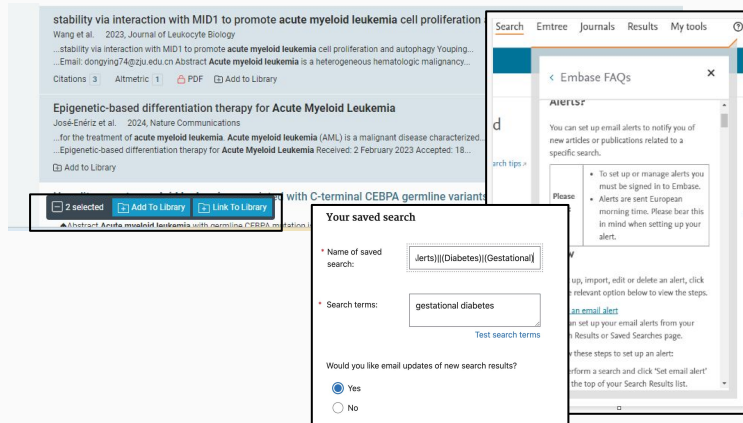
Import directly from Discovery tools with the Browser extension

The ReadCube Browser extension works with all of the major discovery tools to seamlessly ingest results from a direct search into a specified library or list.



Automatically ingest new results from search queries

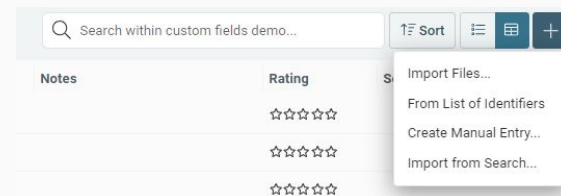
- Link a Dimensions search result to populate a ReadCube list when new results are found
- Create email literature alerts for your queries on databases such as Embase, Ovid, Dialog, or PubMed and deliver them to your ReadCube lists (Contact your CEM to set up)



Import options

Click the + symbol in the main search area to view import options

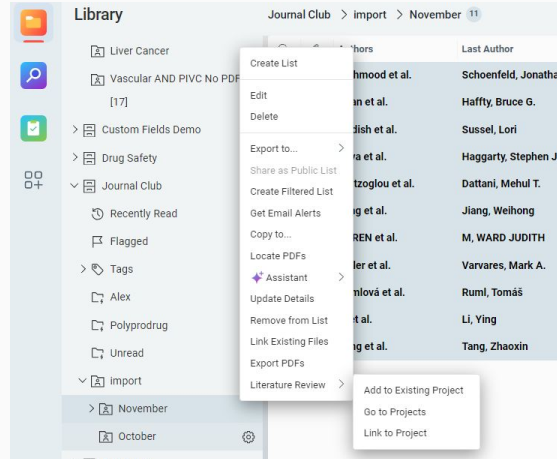
- Select **Import Files** to locate a file on your device to import
- Select **From List of Identifiers** to paste in a list of DOIs or PMIDs
- Highlight the library or list for import and select **Import from Search** to run a query and import the results into a library or list
- Drag & drop your .ris, .bib, or .csv file into your library or list to import



Add References to Literature Review Projects

Select specific references to add to a project

- Highlight a search result **OR** click on the Gear menu for a list that you would like to add to a project
- Locate the Literature Review menu item and select **Add to Existing Project**
- Select your project from the drop down list (you will only see projects that you have been assigned to review)
- Create or assign a label (optional)
- Select a source from the menu (optional)
- Click **Add to Project**



Link a list to a specific project

- Click on the Gear menu for a list that you would like to link to a project
- Locate the Literature Review menu item and select **Link to Project**
- Select your project from the drop down list
- Create or assign a label (optional)
- Select a source from the menu (optional)
- Click **Save**. Any new references that added to the list going forward will automatically be added to your Literature Review project

A screenshot of the 'Add to Literature Review' form. It has a 'Select Project' dropdown menu with 'HEOR-1500' selected. Below it is an 'Add labels' text input field with a placeholder 'Type and press ENTER to add tags' and a tag 'November Review X'. At the bottom is a 'Source' dropdown menu with 'Embase' selected. There are 'Cancel' and 'Add to Project' buttons at the bottom right.A screenshot of the 'Link to Literature Review' form. It has a 'Select Project' dropdown menu with 'HEOR-1500' selected. Below it is an 'Add labels' text input field with a placeholder 'Enter your labels here...' and a tag 'Product X'. At the bottom is a 'Source' dropdown menu with 'Embase' selected. There are 'Cancel' and 'Save' buttons at the bottom right.

Literature Review

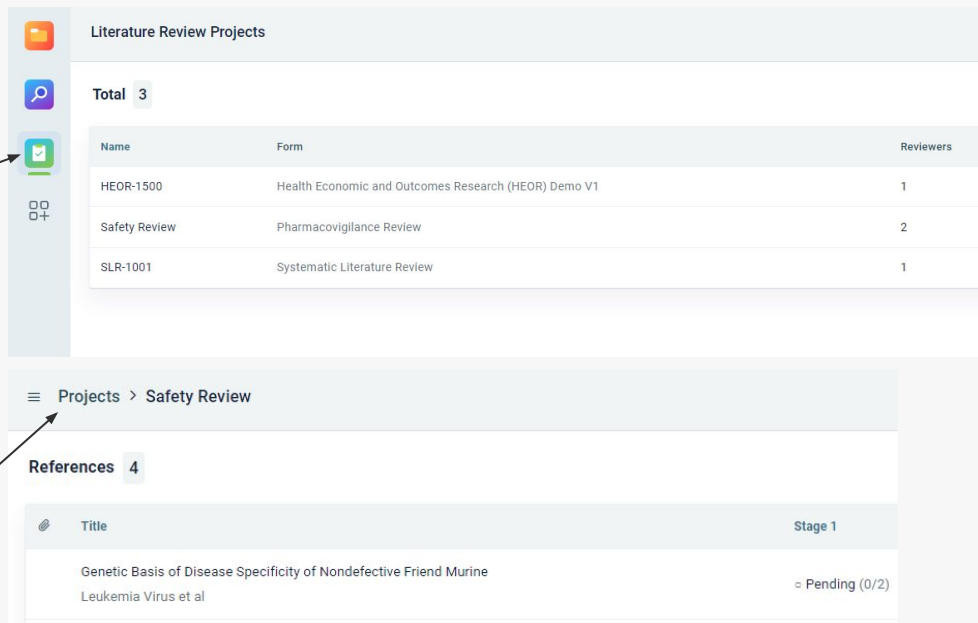
Literature Review Navigation

Open Literature Review

Click on the green Review link in the main platform navigation menu to open Literature Review. By default, Literature Review opens in the **Projects** section.

Navigation path

As you click into levels of the platform, your Navigation path will appear in the upper left corner. Click on any section in the path to return to that section



The screenshot displays the ReadCube Literature Review interface. On the left is a vertical navigation menu with four icons: a folder, a magnifying glass, a green checkmark (highlighted by an arrow), and a plus sign. The main content area is titled 'Literature Review Projects' and shows 'Total 3' items. Below this is a table with columns 'Name', 'Form', and 'Reviewers'. The table lists three projects: HEOR-1500 (Health Economic and Outcomes Research (HEOR) Demo V1, 1 reviewer), Safety Review (Pharmacovigilance Review, 2 reviewers), and SLR-1001 (Systematic Literature Review, 1 reviewer). Below the table, a breadcrumb path 'Projects > Safety Review' is shown, with an arrow pointing to it from the text below. Under the path, there is a 'References 4' section. The first reference is 'Genetic Basis of Disease Specificity of Nondefective Friend Murine Leukemia Virus et al', which is at 'Stage 1' and has a status of 'Pending (0/2)'.

Name	Form	Reviewers
HEOR-1500	Health Economic and Outcomes Research (HEOR) Demo V1	1
Safety Review	Pharmacovigilance Review	2
SLR-1001	Systematic Literature Review	1

Projects > Safety Review

References 4

Title	Stage 1
Genetic Basis of Disease Specificity of Nondefective Friend Murine Leukemia Virus et al	Pending (0/2)

Project Table

Table view

Only projects which are assigned to you will appear in your Project table.

Click on Name, Created, or References updates columns to sort projects by those columns

Search/Filter and Export

Search projects by title, or filter by Created and/or update date.

Click on the Export option to download the projects that appear in your table view.

Project Status Navigation

Toggle between projects by status:

- Active
- Drafts
- Archived



Literature Review Projects

Total 3

Q Search by name

Filter ▾

Export

Name	Form	Reviewers	Status	Created	References updated
HEOR-1500	Health Economic and Outcomes Research (HEOR) Demo V1	1	active	Jul 26, 2024	Jul 29, 2024 08:24 AM
Safety Review	Pharmacovigilance Review	2	active	Jul 26, 2024	Jul 29, 2024 08:24 AM
SLR-1001	Systematic Literature Review	1	active	Jul 26, 2024	Jul 31, 2024 11:04 PM

Reference table

Reference Table View

Click on any project name to open the Reference table for any project:

- References in table will show Pending, Excluded, or Included
- For references that have been reviewed, you will see the Reviewer listed in the table
- Click on the column headings for Title, Stage, Added, or Updated to sort by those columns
- Click on the pencil icon in the Labels column to add a label to the record from the table
- Click on the 3 dot action menu in the far right to Reset a review, Delete a record, Mark a record as duplicate, or view an audit log for the record

Search/Filter and Export

Search references by title, DOI, or PMID.

Filter references by status, label, or added date. You can also choose to show any duplicates

The screenshot displays the ReadCube interface for project SLR-1001. On the left, a sidebar contains search and filter options: Status (Pending, Accepted, Rejected), Label (Any), Added (Anytime to Anytime), and Show Duplicates (checkbox). Below this is a 'References' section with a table of 4 items. The table has columns: Title, Stage 1, Stage 2, Conflict, Reviewers, Added, Updated, and Labels. The first two rows are 'Pending', the next is 'Excluded', and the last is 'Excluded'. The 'Labels' column contains a pencil icon for each row. On the right, a navigation menu includes Info, References, Reports, PRISMA, and Audit Logs. Below this is a search bar and an 'Export' button. At the bottom right, an annotation points to the 'Add labels' button and the 'Action Menu' (three dots) in the table.

Title	Stage 1	Stage 2	Conflict	Reviewers	Added	Updated	Labels
Quantitative 1H NMR spectroscopy Santosh Kumar Bharti et al	Pending				Jul 29, 2024	Aug 01, 2024	[Pencil Icon]
Cancer Cell Resistance to iFNy Can Occur via Enhanced Double-Strand Break Repair Pathway Activity Tong Han et al	Pending				Jul 29, 2024	Aug 01, 2024	[Pencil Icon]
Purity determination of a new antifungal drug candidate using quantitative 1H NMR spectroscopy: M... Pedro Henrique Cavalcanti Franco et al	Excluded			Jen	Jul 29, 2024	Aug 01, 2024	[Pencil Icon]
Biochemical mechanisms implemented by human acute myeloid leukemia cells to suppress host immune ... Inna M. Yasinska et al	Excluded			Jen	Jul 29, 2024	Aug 01, 2024	[Pencil Icon]

Project Navigation

A project navigation menu is located in the right corner of the Reference table. Access:

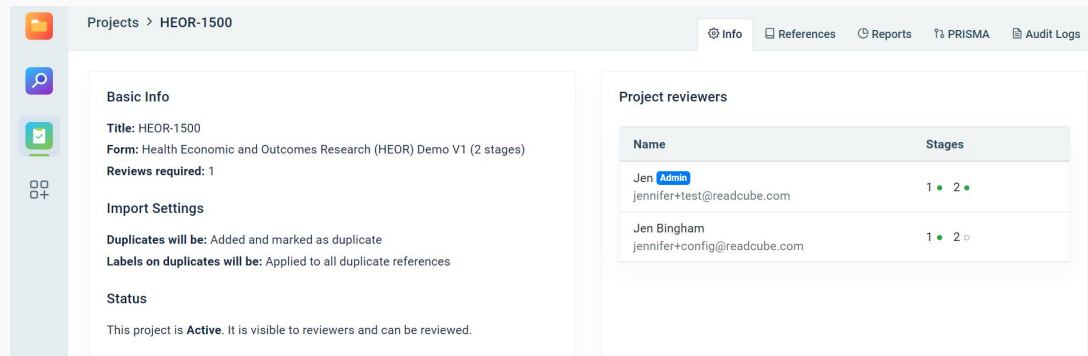
- Info - project settings
- Reports - (Inclusion/Exclusion or Custom)
- Prisma generation
- Project Audit Log

Project Information

Review project settings

Click on the **Info** tab in the upper right Navigation Menu to review project information & settings. On this tab you will find:

- Project name
- The form template utilized
- Number of required reviewers at each stage
- Duplicate handling
 - Duplicates are skipped
 - Duplicates are added but marked as duplicate (will only be visible when show duplicate filter is applied)
- Label handling for duplicates
 - Labels are applied only to the added reference
 - Labels are applied to the duplicate record
- Names of assigned Reviewers with stages that are assigned



The screenshot displays the ReadCube interface for project HEOR-1500. The top navigation bar includes tabs for Info, References, Reports, PRISMA, and Audit Logs. The left sidebar contains icons for Home, Search, Add, and a grid icon. The main content area is divided into two panels. The left panel, titled 'Basic Info', shows the project title 'HEOR-1500', the form 'Health Economic and Outcomes Research (HEOR) Demo V1 (2 stages)', and 'Reviews required: 1'. Below this is the 'Import Settings' section, which states 'Duplicates will be: Added and marked as duplicate' and 'Labels on duplicates will be: Applied to all duplicate references'. The 'Status' section indicates the project is 'Active' and visible to reviewers. The right panel, titled 'Project reviewers', contains a table with two columns: 'Name' and 'Stages'.

Name	Stages
Jen Admin jennifer+test@readcube.com	1 • 2 •
Jen Bingham jennifer+config@readcube.com	1 • 2 •

Reports

Generate Reports on your Project

Click on the **Report** tab in the upper right Navigation Menu to generate a report. Available reports include:

- Full report – exports all fields for all references regardless of Inclusion/Exclusion status
- Inclusion Report – exports all references indicated as Included and associated responses
- Exclusion Report – exports all references indicated as Excluded and associated responses
- Custom Reports – exports selected fields for all references regardless of Inclusion/Exclusion status
 - Custom reports can be saved as a template and used again
 - You can either turn off fields that you do not want to include, or you can turn off the Select All option to turn on the specific fields you want to include
 - Selected fields will appear in right panel
 - Set the Sort order & Ascending/Descending order for your export
 - Exports are in Excel format

Projects > SLR-1001

Reports

Download Report ▾

Custom Reports

New Report

Reports

Download Report ▾

Full Report
Inclusion Report
Exclusion Report

Custom Reports

New Report

Column Types: **all** Sort By: **Reference ID**

Filter Columns:

Order By: ☒ Ascending ☐ Descending

☒ Select - Some / All / None

☒ Reference ID	Selected Columns Reference ID Citation Author Title Abstract Source
☒ Citation	
☒ Author	
☒ Title	
☒ Abstract	
☒ Source	
☒ Year	

Download **Save**

Prisma

Generate a PRISMA Report on your Project

Click on the PRISMA tab in the upper right Navigation Menu to generate a report.

- The project PRISMA can be filtered by specific added dates and/or by a specific label
- Manually adjust any field as needed from the side panel
- Download your PRISMA in SVG format to add to your document or report

Dates to

Label

[Generate PRISMA](#) [Download as SVG](#)

Main Options

☐ Previous studies

☐ Other searches for studies

☐ Individual Databases

☐ Individual Registers

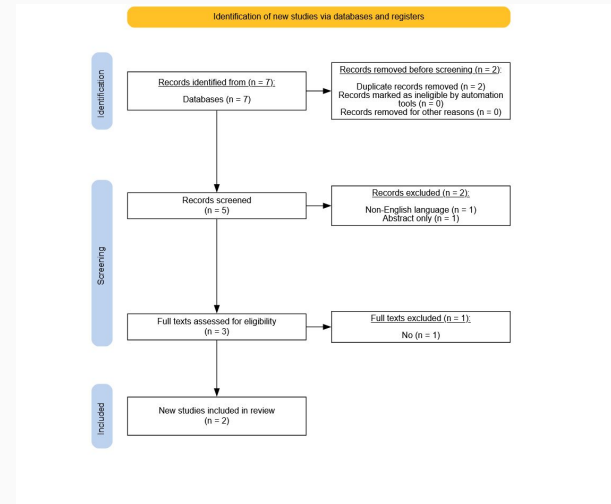
Identification

Identified Total

Databases

Registers

Not screened total



Article Review

- Open your project to the reference table to locate records that are pending review
 - Click on a specific stage column to sort by the status of that stage, or filter your table view based on the status
- Click on the **Pending** link for the first reference in the table to open it and begin review
- The form will have your questions on the left hand side pane, and the Abstract or PDF in the right-hand pane

References 4

Title	Stage 1	Stage 2	Conflict	Reviewers	Added	Updated	Labels
 Cancer Cell Resistance to IFN γ Can Occur via Enhanced Double-Strand Break Repair Pathway Activity Tong Han et al	 Pending				Jul 29, 2024	Aug 01, 2024	 
 Quantitative ^1H NMR spectroscopy Santosh Kumar Bharti et al	 Pending				Jul 29, 2024	Aug 01, 2024	 
 Biochemical mechanisms implemented by human acute myeloid leukemia cells to suppress host immune ... Inna M. Yasinska et al	 Excluded			Jen	Jul 29, 2024	Aug 01, 2024	 
 Purity determination of a new antifungal drug candidate using quantitative ^1H NMR spectroscopy: M... Pedro Henrique Cavalcanti Franco et al	 Excluded			Jen	Jul 29, 2024	Aug 01, 2024	 

Projects > SLR-1001 > References > Review

Stage 1 Stage 2

Abstract View PDF

Stage 1 - Abstract Review

This sub synthesizes evidence on *Mycobacterium abscessus* effects in *Mycobacterium abscessus* lung infections, focusing on symptoms, quality of life, lung function, morphology, and microbiological outcomes. It aims to guide clinical practice and research by evaluating studies through defined criteria, enriching understanding and management of these infections.

Select the language of the article from the dropdown list: *

☒ English

☐ Not in English

Does the study involve human subjects? *

☒ Human

☐ Non-Human

☐ Unclear

Save & Continue

Abstract View PDF

Cancer Immunology Research 2023

Cancer Cell Resistance to IFN γ Can Occur via Enhanced Double-Strand Break Repair Pathway Activity

Tong Han, Aqian Wang, Sailing Shi, Weibing Zhang, Jun Wang, Qiu Wu, Zhi Li, Jinglin Fu, Ronglin Zhang, Jiamin Zhang, Qiu Tang, Peng Zhang, Chenfei Wang

Identifiers doi:10.1158/2157-0558.CR-22-0556 pmid:36629846

Labels

Abstract: The pleiotropic cytokine interferon-gamma (IFN γ) is associated with cytostatic, antiproliferative, and proapoptotic functions in cancer cells. However, resistance to IFN γ occurs in many cancer cells, and the underlying mechanism is not fully understood. To investigate potential IFN γ -resistance mechanisms, we performed IFN γ -sensitivity screens in more than 40 cancer cell lines and characterized the sensitive and resistant cell lines. By applying CRISPR screening and transcriptomic profiling in both IFN γ -sensitive and IFN γ -resistant cells, we discovered that activation of double-strand break (DSB) repair genes could result in IFN γ resistance in cancer cells. Suppression of single-strand break (SSB) repair genes increased the dependency on DSB repair genes after IFN γ treatment. Furthermore, inhibition of the DSB repair pathway exhibited a synergistic effect with IFN γ treatment both in vitro and in vivo. The relationship between the activation of DSB repair genes and IFN γ resistance was further confirmed in clinical tumor profiles from The Cancer Genome Atlas (TCGA) and immune checkpoint blockade (ICB) cohorts. Our study provides comprehensive resources and evidence to elucidate a mechanism of IFN γ resistance in cancer and has the potential to inform combination therapies to overcome immunotherapy resistance.

Mark as duplicate

Question Panel

The form will open to the first question under the Stage you opened. You must complete the earlier stage for a reference before proceeding to the next stage. In the form:

- Some questions will only be visible if a specific reply is provide in an earlier question
- Some questions are required. These will be indicated by the red asterisk
 - If you try to save the form without responding to a required question, you will receive an error message jumping you to the first required question
- Make sure to save the form after completing for each reference, this will allow you to continue to the next pending reference
- After your complete all pending questions in your Stage, you will return to the reference table. If you are assigned to later stages, you can now proceed with editing those stages.

Projects > SLR-1001 > References > Review

◀ Stage 1 Stage 2

Stage 1 - Abstract Review

This SLR synthesizes evidence on *Mycobacterium abscessus* effects in *Mycobacterium avium* complex lung infections, focusing on symptoms, quality of life, lung function, morphology, and microbiological outcomes. It aims to guide clinical practice and research by evaluating studies through defined criteria, enriching understanding and management of these infections.

1. Select the language of the article from the dropdown list *

☐ English

☐ Not in English

2. Does the study involves human subjects? *

☐ Human

☐ Non-Human

☐ Unclear

Response required.

1. Select the language of the article from the dropdown list: *

☒ English

☐ Not in English

Response required.

2. Does the study involves human subjects? *

☒ Human

☐ Non-Human

☐ Unclear

Save & Continue

Abstract/PDF Panel

- By default the reference will open to Abstract view of the article. In this view you should see the metadata items if they were present on the record in your ReadCube library:
 - Article & Publication titles
 - Year of publication
 - Public identifiers such as DOI or PMID
 - Any labels that exist for the reference (labels can be added to the record directly from this view using the pencil icon)
 - The full Abstract
- If the record is determined to be duplicate, you can **Mark as duplicate** from the Abstract view and continue to the next reference.
- If the PDF is attached to the record, you will see the option to **View PDF**. Click to open if the full text review is required
- If the PDF is not attached and full text is required, click **Attach PDF** to Import the PDF from your ReadCube library or Device



Abstract

View PDF

Cancer Immunology Research 2023

Cancer Cell Resistance to IFN γ Can Occur via Enhanced Double-Strand Break Repair Pathway Activity

Tong Han; Xujun Wang; Sailing Shi; Wubing Zhang; Jue Wang; Qiu Wu; Zhiyi Li; Jingxin Fu; Rongbin Zheng; Jiamin Zhang; Qin Tang; Peng Zhang; Chenfei Wang

Identifiers

doi: 10.1158/2326-6066.ccr-22-0056

pmid: 36629846

Labels

Abstract The pleiotropic cytokine interferon-gamma (IFN γ) is associated with cytostatic, antiproliferation, and proapoptotic functions in cancer cells. However, resistance to IFN γ occurs in many cancer cells, and the underlying mechanism is not fully understood. To investigate potential IFN γ -resistance mechanisms, we performed IFN γ -sensitivity screens in more than 40 cancer cell lines and characterized the sensitive and resistant cell lines. By applying CRISPR screening and transcriptomic profiling in both IFN γ -sensitive and IFN γ -resistant cells, we discovered that activation of double-strand break (DSB) repair genes could result in IFN γ resistance in cancer cells. Suppression of single-strand break (SSB) repair genes increased the dependency on DSB repair genes after IFN γ treatment. Furthermore, inhibition of the DSB repair pathway exhibited a synergistic effect with IFN γ treatment both in vitro and in vivo. The relationship between the activation of DSB repair genes and IFN γ resistance was further confirmed in clinical tumor profiles from The Cancer Genome Atlas (TCGA) and Immune checkpoint blockade (ICB) cohorts. Our study provides comprehensive resources and evidence to elucidate a mechanism of IFN γ resistance in cancer and has the potential to inform combination therapies to overcome immunotherapy resistance.

Abstract View PDF



CANCER IMMUNOLOGY RESEARCH | RESEARCH ARTICLE

Cancer Cell Resistance to IFN γ Can Occur via Enhanced Double-Strand Break Repair Pathway Activity

Tong Han¹, Xuan Wang¹, Salim Shi², Widing Zhang¹, Jue Wang¹, Qi Wu¹, Zyi U¹, Jingjun Fu¹, Ronghan Zheng¹, Jiamin Zhang¹, Guoqiang Peng¹, Hong Zhang¹, and Chaoxi Wang¹



ABSTRACT

The therapeutic cytokine interferon gamma (IFN γ) is associated with dynamic, cytoskeletal, and transcriptional functions in cancer cells. However, resistance to IFN γ occurs in many cancer cells, and the underlying mechanism is unclear. To investigate potential IFN γ resistance mechanisms, we performed IFN γ sensitivity screens in human cancer cell lines and characterized the resistant and sensitive cell lines. We found that IFN γ sensitivity correlated with the DNA double-strand break (DSB) repair pathway activity. In particular, both IFN γ sensitive and IFN γ resistant cells, as determined by activation of double-strand break (DSB) repair pathway, resulted in IFN γ resistance in cancer cells. Suppression of single-strand

break (SSB) repair genes increased the dependency on DSB repair genes after IFN γ treatment. Furthermore, inhibition of the DSB repair pathway exhibited a synergistic effect with IFN γ in killing cancer cells. These results suggest that enhanced activation of DSB repair genes and IFN γ resistance were further associated with the DNA double-strand break repair pathway. Also, ATG16L1 and IRF1 induce IFN γ resistance in DSB repair-deficient cells. These results suggest that the IFN γ resistance mechanism may be associated with the enhanced activation of DSB repair pathway in cancer cells and that inhibition of DSB repair pathway may be a potential strategy to overcome immune resistance in cancer cells.

Introduction

Antitumor immunity involves the activation of effector cells by antigen-presenting cells (1). Interferon gamma (IFN γ) is secreted primarily by T cells and natural killer (NK) cells, is a critical cytokine with pleiotropic effects in antitumor immunity (2). Numerous studies have shown the therapeutic effects of IFN γ on various cancer types (3). IFN γ treatment combined with chemotherapy has been shown to enhance the therapeutic response in patients with breast cancer and advanced hepatocellular carcinoma, as well as in melanoma (4–6).

Interferon γ (IFN γ) is secreted and activated, which in turn activates the transcription factor STAT1. Phosphorylated STAT1 translocates to the nucleus to modulate transcription of IFN γ -regulated genes such as IRF1 (function as a transcription activator of interferon-stimulated response elements) (7,8). Inducible by the transcription of a large number of secondary response genes, a subset of the target genes are involved in cell cycle inhibition, such as the cyclin-dependent kinase inhibitor p27^{Kip1}, allowing IFN γ to exert direct cytotoxic or cytostatic effects on cancer cells (9). The IFN γ

Editing Responses

- You will only be able to edit references for the stages you are assigned
- If you need to edit a response that was already submitted, open the record for the stage. You will see the Reviewer (yourself or other) who submitted the original response, and the option to edit will appear. Click **Edit** to update and responses and remember to save your changes.
 - The ability to edit another reviewer's response is only available for projects that have a single reviewer requirement
 - Editing responses at an early stage will reset the responses for later stages
- For projects that require more than one reviewer for each stage, when there is a conflict between the users responses, you will see a Conflict flag. The two users should confer and agree on the correct response and the reviewer with the response that needs to be changed will need to edit their response

The screenshot illustrates the 'Editing Responses' workflow in the ReadCube system. It features a table of review stages and two pop-up windows for editing responses.

	Stage 1	Stage 2	Conflict	Reviewers
live Friend Murine	Pending (2/2)			2
1acological lvine-specific demethylase 1 (l SN	Excluded (2/2)			2
Conflicts				
This review has a conflict.	Pending (2/2)			2

The top pop-up window shows the 'Default Clinical Literature v3 Level 1' response for the question 'Is this paper applicable?'. It has a 'Yes' response selected. The bottom pop-up window shows the same response, but with a 'Clear' button and a 'No' response selected. The bottom pop-up window also shows a 'Conflict' flag and a 'Discard Changes' button.

- Projects > *Health Economic and Outcomes Research (HEOR) Review > References > Review
Abstract View PDF

Stage 1
Stage 2

Start AI Autofill

☐ Presence of comorbid conditions not of interest ☐ Specific stages or types of a disease not of interest ☐ Non-residents of the study area ☐ Current participation in another clinical trial ☐ Use of specific medications or therapies with the study ☐ Study is not a primary research study (commentary) ☒ None of the above exclusion criteria apply	AI suggested answer The abstract does not mention any specific exclusion criteria related to age, comorbid conditions, disease stages, geographic residency, participation in other clinical trials, use of interfering medications or therapies, or indicate that the study is not a primary research study. Evidence found:
---	--

Train AI

Economic Outcomes

2 Cost-Effectiveness Analysis:

More cost-effective

Use **tab** key to apply AI suggestion.

Save & Continue

AI Review

Train AI: Users can refine the AI's prompts to improve the quality and accuracy of the answers for future references. This feature is essential for tailoring the AI to better meet specific needs or correct any recurring inaccuracies.

- **Run New Prompt:** Once adjustments are made, the AI can immediately run the revised prompt. This allows users to add specific language or parameters that refine the scope of the AI's search and analysis, ensuring the returned answers are more precise and relevant to the user's specific questions.
- **Save Your Prompt:** After training the AI with new prompts, users have the option to save these modified prompts. This feature ensures that any future literature reviews utilize the improved prompts.
 - Suggestion: After training the AI with new prompts, users can save the modified prompts, ensuring that future literature reviews utilize the improved prompt.

Projects > *Health Economic and Outcomes Research (HEOR) Review > References > Review

Stage 1

Stage 2

AbstractView PDF

Start AI Autofill

Presence of comorbid conditions not of interest

Specific stages or types of a disease not of interest

Non-residents of the study area

Current participation in another clinical trial

Use of specific medications or therapies during the study

Study is not a primary research study (e.g., review or commentary)

None of the above exclusion criteria apply

Train AI

AI suggested answer

The abstract does not mention any specific exclusion criteria related to age, comorbid conditions, disease stages, geographic residency, participation in other clinical trials, use of interfering medications or therapies, or indicate that the study is not a primary research study.

Evidence found: 2

Train AI: Select any common exclusion criteria that apply to this study.

AI Prompt for Selecting Exclusion Criteria from Study Abstract

Objective: Analyze the abstract to determine which, if any, of the specified exclusion criteria apply to the study. Use the information found to make selections from the provided options.

Instructions for AI:

Save

Run

Save & Continue

Vaccine delivery by penetratin: mechanism of presentation by dendritic cells

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Published online: 2 May 2016
© Springer Science+Business Media New York 2016

Abstract

Cell-penetrating peptides (CPP) or membrane-translocating peptides such as penetratin from *Antennapedia* homeodomain or TAT from human immunodeficiency virus are useful vectors for the delivery of protein antigens or their cytotoxic (Tc) or helper (Th) T cell epitopes to antigen-presenting cells. Mice immunized with CPP containing immunogens elicit antigen-specific Tc and/or Th responses and could be protected from tumor challenges. In the present paper, we investigate the mechanism of class I and class II antigen presentation of ovalbumin covalently linked to penetratin (AntpOVA) by bone marrow-derived dendritic cells with the use of biochemical inhibitors of various pathways of antigen processing and presentation. Results from our study suggested that uptake of AntpOVA is via a combination of energy-independent (membrane fusion) and energy-dependent pathways (endocytosis). Once internalized by either mechanism, multiple tap-

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