

ReadCube Literature Review

User Guide

ReadCube Home Page

Home Page

Navigation Menu

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

Search

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

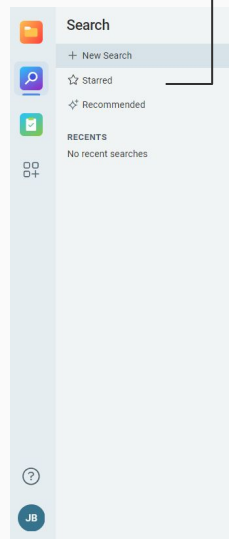
Search

Literature
Review

Tools

Help
resources

Profile
settings



The screenshot shows a vertical navigation menu on the left side of the interface. The menu items are: Library, Search, Literature Review, Tools, Help resources, and Profile settings. The 'Search' item is highlighted with a blue background. To the right of the menu, a portion of the main interface is visible, showing the 'Search' section with a search bar and a 'Search' button. A line points from the 'Search' menu item to the search bar.

Starred Searches

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

Search

Discover publications from some of the world's largest research databases. [Learn more](#)

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

Search

ReadCube Libraries

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 features labeled:

- Article Info**, **Edit Metadata**, **Share**, **Notes**, **Article Analytics**, **Files/Supplements**, **Export**, **Import/Add References**, and **Library Search** are located in the top navigation bar.
- Personal Library** is indicated by an arrow pointing to the 'Library' tab in the left sidebar.
- Shared Libraries** is indicated by an arrow pointing to the 'Shared Libraries' section in the left sidebar.
- Sort Library View** is indicated by an arrow pointing to the 'Sort' button in the top right of the library view.
- Advanced Organization** is indicated by an arrow pointing to the 'Tags' and 'Lists' sections in the right sidebar.
- Article Preview** is indicated by an arrow pointing to the article preview area at the bottom of the screen.

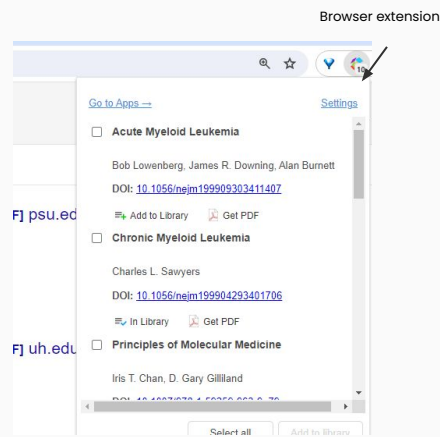
The main content area shows a table of articles with columns for Authors, Last Author, and Title. The selected article is "Elephant shark genome provides unique insights into gnathostome evolution" by Venkatesh, Byrappa; Lee, Alison P; Ravi, Vydyanathan; Maurya, Ashish K; Lian, Michelle M. The article preview shows the title, authors, and a brief abstract.

Authors	Last Author	Title
Genazzani	Genazzani, Alessandro	Inositol as putative integrative treatment
Pastor et al.	Rao, Anjana	TETonic shift: biological roles of TET pro
Campbell et al.	Donnan, Geoffrey A.	Ischaemic stroke
Venkatesh et al.	Warren, Wesley C.	Elephant shark genome provides unique
Unfer et al.	Faccinetti, Fabio	Effects of Inositol(s) in Women with PCO
Espitia et al.	Medeiros, Eber Antoni	Zinc Oxide Nanoparticles: Synthesis, Ant
Gangnonngiw et al.	Kanthong, Nipaporn	Failed shrimp vaccination attempt with y
Zhai et al.	Chen, Yuan	1D Supercapacitors for Emerging Electro

Importing & Ingesting Literature

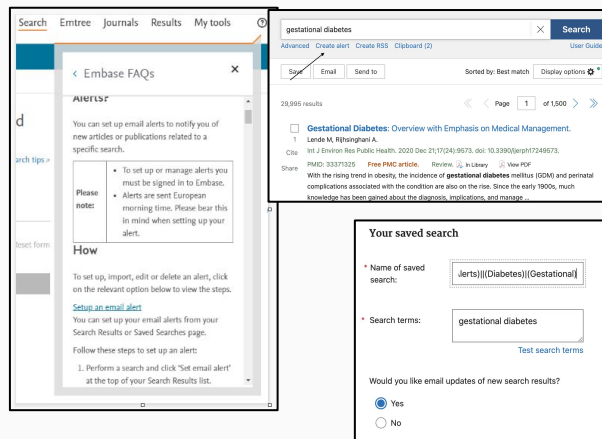
Import directly from Discovery tools with the Browser extension

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

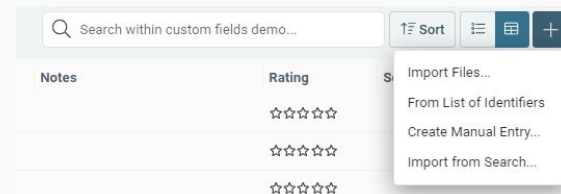
Create email literature alerts for your queries on databases such as Embase, Ovid, Dialog, or PubMed and deliver them to your ReadCube lists (Contact your Client Engagement Manager to set up)



Import options

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

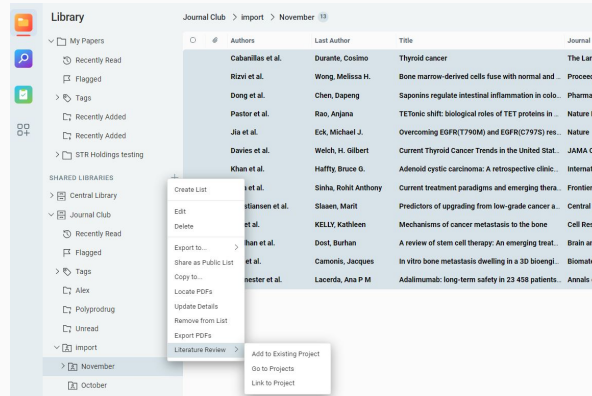
- Select **Import Files** to locate a file on your device to import
- Select **From List of Identifiers** to paste in a list of DOIs or PMIDs
- Highlight the library or list for import and select **Import from Search** to run a query and import the results into a library or list
- Drag & drop your .ris,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



Add References to Literature Review Projects

Add references to a project from a search result or list

- 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**



Add to Literature Review

Select Project

HEOR-1500

Add labels

Type and press ENTER to add tags
November Review X

Source

Embase

Cancel

Add to Project

Link to Literature Review

Select Project

HEOR-1500

Add labels

Enter your labels here...
Product X

Source

Embase

Cancel

Save

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

Literature Review

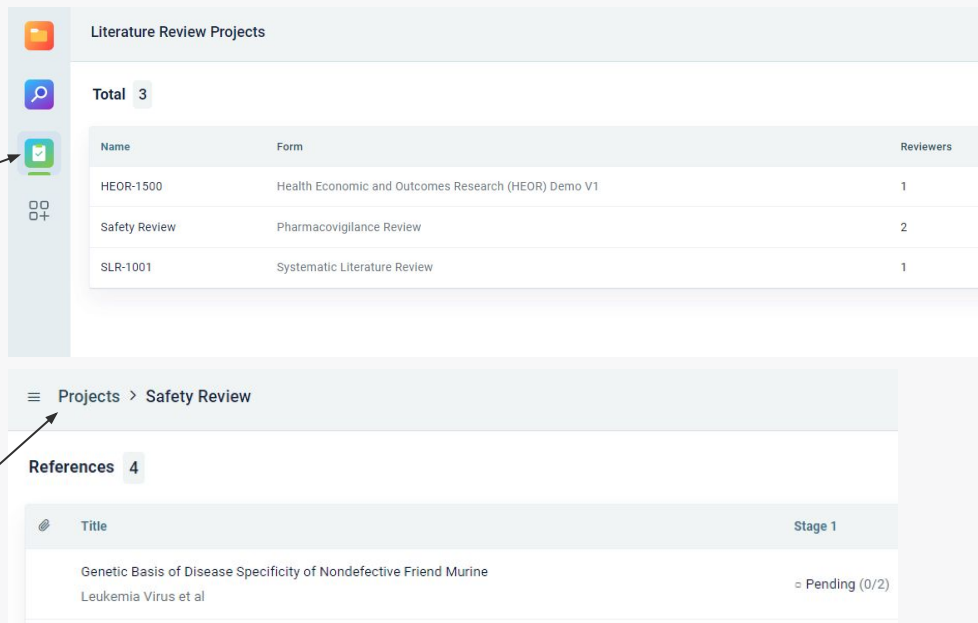
Literature Review Navigation

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 a "Total 3" count. Below this is a table with three rows of project data. The "Safety Review" link in the navigation menu is highlighted, and an arrow points to the breadcrumb path "Projects > Safety Review" in the upper left of the content area. Below the breadcrumb is a "References 4" section with a table of references.

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

Navigation path: 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 v

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

Status

Pending

Accepted

Rejected

Label

Any

Added

Anytime

to

Anytime

Show Duplicates

☐

Reset

Apply

Projects > SLR-1001

References 4

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	Mark Duplicate Reset Delete View Audit Log
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	
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	
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	

Info

References

Reports

PRISMA

Audit Logs

Search by Title, PMID, or DOI

Filter

Export

Add labels

Action Menu

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 shows the 'Info' tab of the ReadCube project settings for 'HEOR-1500'. 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 contains 'Basic Info' (Title: HEOR-1500, Form: Health Economic and Outcomes Research (HEOR) Demo V1 (2 stages), Reviews required: 1), 'Import Settings' (Duplicates will be: Added and marked as duplicate, Labels on duplicates will be: Applied to all duplicate references), and 'Status' (This project is Active. It is visible to reviewers and can be reviewed.). The right panel, titled 'Project reviewers', contains a table with reviewer information.

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

Custom Reports

New Report

Column Types: all ▾ Sort By: Reference ID ▾

Filter Columns: Type to filter columns by name...

☒ Select - Some / All / None

- ☒ Reference ID
- ☒ Citation
- ☒ Author
- ☒ Title
- ☒ Abstract
- ☒ Source
- ☒ Year

Download Save

Reports

Download Report ▾

- Full Report
- Inclusion Report
- Exclusion Report

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

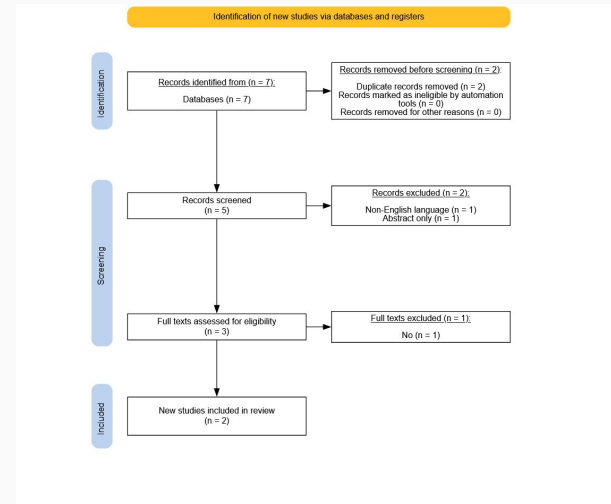
Identification

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:10.1158/2250-6808.cr23-0556 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

AbstractView PDF

Cancer Immunology Research 2023

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

Tong Han¹, Xujun Wang², Sailing Shi³, Wubing Zhang⁴, Jue Wang⁵, Qiu Wu⁶, Ziyi Li⁷, Jingxin Fu⁸, Rongbin Zheng⁹, Jiamin Zhang⁹, Qin Tang⁹, Peng Zhang⁹, Chenfei Wang⁹

Identifiers

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

pmid: 36629846

Labels

AbstractThe 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.

Mark as duplicate

AbstractView PDF

<2/19>

CANCER IMMUNOLOGY RESEARCH | RESEARCH ARTICLE

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

Tong Han¹, Xujun Wang², Sailing Shi³, Wubing Zhang⁴, Jue Wang⁵, Qiu Wu⁶, Ziyi Li⁷, Jingxin Fu⁸, Rongbin Zheng⁹, Jiamin Zhang⁹, Qin Tang⁹, Peng Zhang⁹, and Chenfei Wang⁹

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.

INTRODUCTION

Immune (IM) and IM2 are recruited and activated, which in turn activates the transcription factor STAT3. Phosphorylated STAT3 translocates to the nucleus to modulate the transcription of IFN γ -regulated genes such as IRF1. IRF1 functions as a transcription activator of interferon-stimulated response elements (ISRE), leading to the transcription of a large number of secondary response genes. A subset of the target genes are involved in cell cycle regulation, such as the cyclin-dependent kinase inhibitors p21 and p27, allowing IFN γ to exert direct cytostatic or cytotoxic effects on cancer cells (1). The IFN γ gene...

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 with columns for 'Stage 1', 'Stage 2', 'Conflict', and 'Reviewers'. The table lists review records for 'tive Friend Murine' and 'tological lvine-specific demethylase 1 (l SN'. The 'tive Friend Murine' record shows a 'Pending (2/2)' status in Stage 1, a 'Conflict' flag, and 2 reviewers. The 'tological lvine-specific demethylase 1 (l SN' record shows an 'Excluded (2/2)' status in Stage 1, a 'Conflict' flag, and 2 reviewers. Below the table, two pop-up windows are shown. The top window, titled 'Default Clinical Literature v3 Level 1', shows a question 'Is this paper applicable?' with a 'Yes' radio button selected and an 'Edit' button. The bottom window, also titled 'Default Clinical Literature v3 Level 1', shows the same question with a 'No' radio button selected and a 'Clear' button. The bottom window also includes a 'Discard Changes' button and a 'Delete' button.

	Stage 1	Stage 2	Conflict	Reviewers
tive Friend Murine	Pending (2/2)		⚠	2
tological lvine-specific demethylase 1 (l SN	Excluded (2/2)		⚠	2
	Pending (2/2)		⚠	2

Stage 1 **Included**

Does this record meet the inclusion criteria based on the abstract information?

⚠ Include in full-text review

🕒 Reviewed by Jen on Jul 31, 2024 11:05 PM

Stage 1 **Excluded**

Does this record meet the inclusion criteria based on the abstract information?

⚠ Study type/design is not within the scope of this review (e.g., animal studies, reviews, editorials)

🕒 Reviewed by Jen Bingham on Jul 31, 2024 11:24 AM