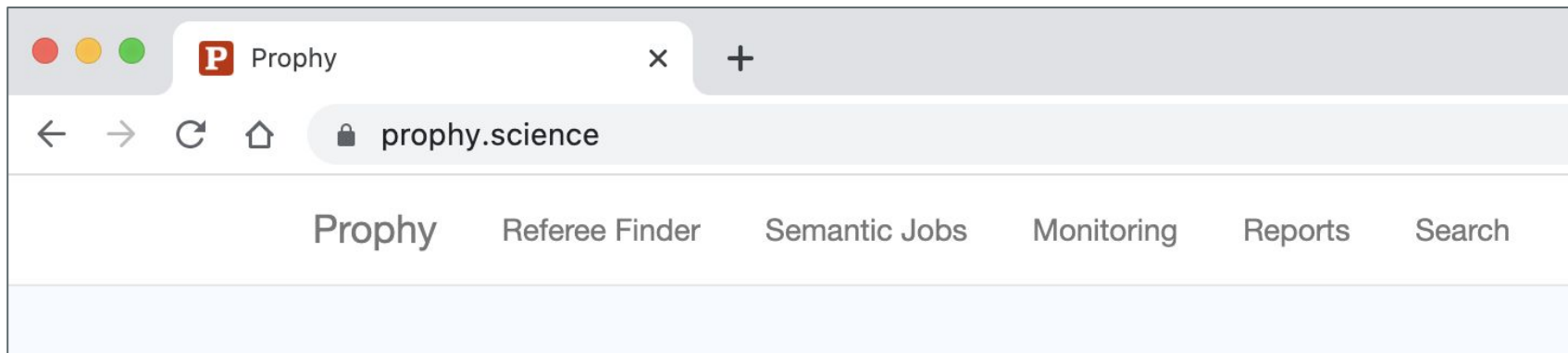




# Prophy HOWTO

Prophy Inc.  
2021

# Main access panel



Access to all tools starts from the top-most panel

# Semantic search



Search - Prophy

prophy.science/search

Articles Authors

Search articles Search for articles by title or ids (DOI, PMC5502336, arXiv:1511.04078)

Search examples

Sort by: Newest first Oldest first Citations count Relevance

For article search:

- `title: polymerase` - word *polymerase* should be in title
- `abstract: "DNA polymerase"` - phrase *DNA polymerase* should be in abstract
- `author: zampieri` - article should have an author with "zampieri" as a name part. Best used with some specific keyword or year. For specific use-cases you have `first_author` and `last_author` at your disposal (`fauthor` / `lauthor` for short).
- `year: 2020` - filter results by year. When a pre-print was published in 2019 and journal article was published in 2020, it will be searchable by any of these years. Can also be used to limit any search to a few years like `DNA polymerase year:(>=2010 AND <=2015)`.
- `authors_count:<5, citations_count:>500` - these can also be shortened to `ac:<5` and `cc:>500` respectively.
- `acetylcholine AND "genomic analysis"` - both parts should be in title, abstract or full text
- `"macular degeneration" AND (wet OR dry) NOT "age-related"` - more complex query with grouping and NOT
- `pubmed: 26830707, PMC: 4748745, 10.1136/bmjopen-2017-019748` - find one article directly by an id

Search tips

## Human embryonic stem cell

This concept occurs in approximately 40093 articles.

### Literals:

- Human **Embryonic stem cell**
- hESC
- human embryonic stem
- hES
- HES
- hES cell
- HES cell
- HESC

- Search full texts, authors, years, etc
- Main operators: `title:` `abstract:` `author:` `year:` `citation_count:`
- Autocomplete takes keywords into **concepts** (many key-phrases, synonyms, abbreviations combined and properly disambiguated)

# Monitoring



A screenshot of a web browser showing the 'Prophy' website. The address bar displays 'prophy.science/saved-monitorings'. The navigation menu includes 'Prophy', 'Search', 'Monitoring', 'Panels', 'Jobs', and 'Bookmarks'. Below the menu, there are two buttons: 'Create new monitoring' and 'Bootstrap monitoring'. A grey box with the number '1' is overlaid on the right side of the page.

A screenshot of the 'Prophy' website's 'monitoring' page. The address bar shows 'prophy.science/monitoring'. The navigation menu is the same as in the previous screenshot. The main content area features a search bar for 'Stem cells' with a 'Disable' button. Below the search bar, there are radio buttons for 'Stem cell (Stem Cell)', 'Stem-cell Therapy', and 'somatic stem cells'. A dropdown menu is open for 'Stem cell (Stem Cell)', showing suggestions like 'specific stem cells', 'stem cell biology', 'somatic stem cells', 'human stem cell', 'Stem-cell Therapy', 'stem/progenitor cells', 'stem cells/progenitors', 'stem cell population', 'multipotent stem cell', and 'stem cell physiology'. There is also a 'Remove "Stem cell..."' option. A grey box with the number '2' is overlaid on the right side of the page.

A screenshot of the 'Prophy' website's 'monitoring' page, showing advanced options. The address bar is 'prophy.science/monitoring'. The navigation menu is the same. The search bar for 'Stem cells' is visible. Below it, there are radio buttons for 'Stem cell (Stem Cell)', 'Stem-cell Therapy', and 'somatic stem cells'. There is also a search bar for 'Therapies' with a 'Disable' button. Below that, there are radio buttons for 'Regenerative Medicine' and 'Tissue Engineering and Regenerative Medicine'. There are buttons for 'Add topic' and 'Import topic...'. A checkbox labeled 'Advanced (optional)' is checked, with the text 'Monitoring will be based on query below.' Below this, there is a text area for composing advanced monitoring queries, with a 'Need help?' link and a sample query: '"Stem cells" AND "Therapies"'. A grey box with the number '2' is overlaid on the right side of the page.

A screenshot of the 'Prophy' website's 'monitoring' page showing the results of a query. The address bar is 'prophy.science/monitoring'. The navigation menu is the same. The search bar for 'Stem cells' is visible. Below it, there are radio buttons for 'Stem cell (Stem Cell)', 'Stem-cell Therapy', and 'somatic stem cells'. There is also a search bar for 'Therapies' with a 'Disable' button. Below that, there are radio buttons for 'Regenerative Medicine' and 'Tissue Engineering and Regenerative Medicine'. There are buttons for 'Add topic' and 'Import topic...'. A checkbox labeled 'Advanced (optional)' is checked, with the text 'Monitoring will be based on query below.' Below this, there is a text area for composing advanced monitoring queries, with a 'Need help?' link and a sample query: '"Stem cells" AND "Therapies"'. At the bottom, there are buttons for 'Collapse', 'Save...', and 'Apply changes'. Below these buttons, it says '50 / 317 articles show top found concepts'. A grey box with the number '2' is overlaid on the right side of the page.

- **Combine** concepts into topics (use autocomplete and “related” concepts)
- **Group** topics with “AND”/”OR”/”NOT”
- **Save** changes and see relevant articles in daily, weekly, monthly, etc intervals

# Semantic jobs



1

2

3

4

- Prophy supports the whole hiring cycle: announcement; acceptance of applications; short listing
- Specify the scope of the position via relevant papers (*any publication from the Prophy database can be used*)
- Find fitting candidates and **invite** them for to apply
- Rank applicants by their closeness to the application profile, by their recommenders, by their bibliometrics and impact

# Referee Finder for papers in Prophy



1

Hypoimmune induced pluripotent stem cell-derived cell therapeutics treat cardiovascular and pulmonary diseases in immunocompetent allogeneic mice.

publication year: 2021  
pubmed: 34244426  
doi: 10.1073/pnas.2022091118  
Proc Natl Acad Sci U S A, v. 118, i. 28, e2022091118  
Tobias Deuse, Grigol Tediashvili, Xiaomeng Hu, Alessia Gravina, Annika Tamenang et al.

Find similar articles...  
Search in Google  
Find referees

Click to find the referees

- Find referees for any paper in Prophy
- Adjust criteria for selecting referees (*h-index, academic age, years of publication*)

2

Add custom authors to analysis. Name format: John Smith, John Z Smith

#	Name	Author score	Article score	Articles (total)	h-index	Citations	Details
1	Joseph C. Wu	5.29	0.93	10 (780)	95	33000+	more
2	Charles E. Murry	4.03	0.92	10 (305)	75	31000+	more
3	Shigeru Miyagawa	3.80	0.92	10 (551)	40	6100+	more

Settings

3

We analyzed each document to provide you with reasonable defaults for best referee results. You can fine tune the results using these settings:

All articles  Top 20% articles  Top 10 author articles

All years  Recent articles

No citations filter  Top-cited articles

h-index  $\geq$

h-index  $\leq$

Academic age  $\geq$

Academic age  $\leq$

filter referees by article concepts

Apply  Reset to defaults

#	Name	Author score	Article score	Articles (total)	h-index	Citations	Details
1	Joseph C. Wu	5.29	0.93	10 (780)	95	33000+	more

# Referee Finder for drafts, proposals, etc



Panel 1: Screenshot of the 'Panels - Prophy' page. The browser address bar shows 'prophy.science/panels'. The navigation menu includes 'Prophy', 'Search', 'Monitoring', 'Panels', 'Jobs', and 'Bookmarks'. The main content area displays the 'Weizmann Institute of Science' header and a table with one entry:

Name
<a href="#">Weizmann Institute of Science</a>

Panel 2: Screenshot of the 'Weizmann Institute of Science' panel page. The browser address bar shows 'prophy.science/panel/633'. The navigation menu includes 'Prophy', 'Search', 'Monitoring', 'Panels', 'Jobs', and 'Bookmarks'. The main content area displays the 'Weizmann Institute of Science' header and a button labeled 'Add proposal'. A grey arrow points to the button with the text 'Click here'.

- Upload any PDF to the Panel
- Then follow the Referee Finder workflow

Panel 3: Screenshot of the 'New proposal' page. The browser address bar shows 'prophy.science/panel/633/proposals/new'. The navigation menu includes 'Prophy', 'Search', 'Monitoring', 'Panels', and 'Jobs'. The main content area displays the 'New proposal' header and the instruction 'Step 1. Upload proposal PDF'. Below the instruction is a text box with the text 'Click or drop file here'.

# Academic evaluation and promotion



Author search - Prophy

prophy.science/search-authors

1

Prophy Search Monitoring Panels Jobs Bookmarks

Articles Authors

Search authors Robert J Potter

Authors:

- John R. Potter (John Robert Potter) (68 articles)
- Robert J. Potter (31 articles)

- Select any author in the Prophy (more than 60M profiles)
- Click on **[Reports]**
- See (*Peers are people who work on the same topic and have similar scientific age*) **Peers report**
- Construct evaluation panel **Wide experts**
- Build topical profile of a candidate and create a topical evaluation panel

Robert J. Potter - Prophy

prophy.science/author/4881211/Robert-J-Potter

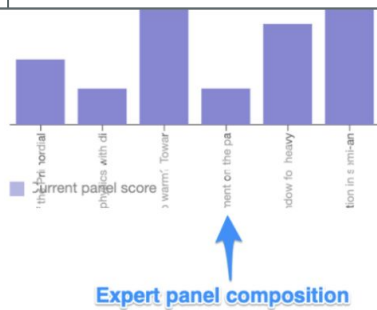
2

Prophy Search Monitoring Panels Jobs Bookmarks Products demo-u...

Reports

Name	Score	Detailed score	Articles	h-index	Citations	Details
[Redacted]	67.44		83	50	21000+	<a href="#">more</a>
Silvia [Redacted]	63.33		170	60	12000+	<a href="#">more</a>
Matteo [Redacted]	55.95		209	70	25000+	<a href="#">more</a>
James S. [Redacted]	32.08		67	38	5400+	<a href="#">more</a>

Expertise profile over topics



Peer reports and experts

Reports





# Questions?

[info@prophy.science](mailto:info@prophy.science)