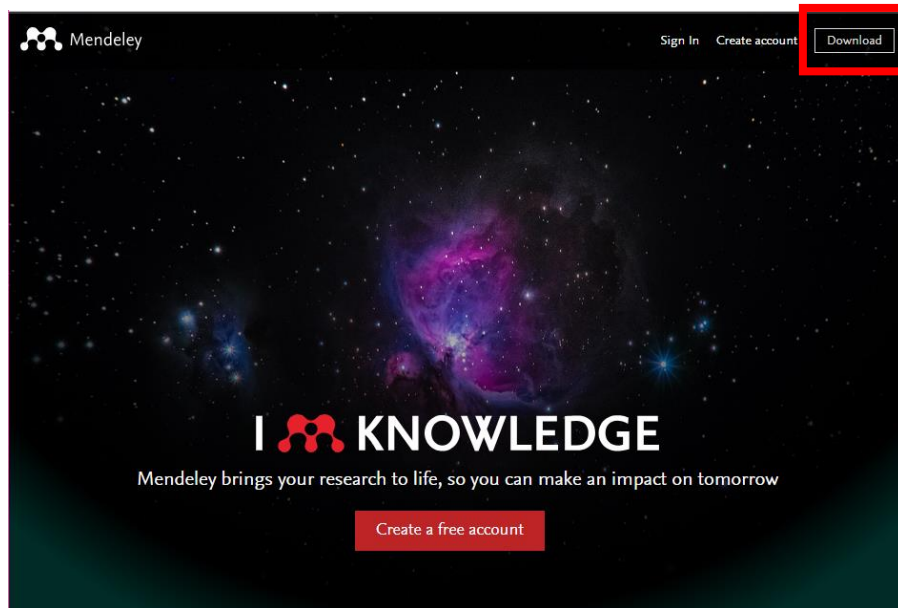


Mendeley Guidebook

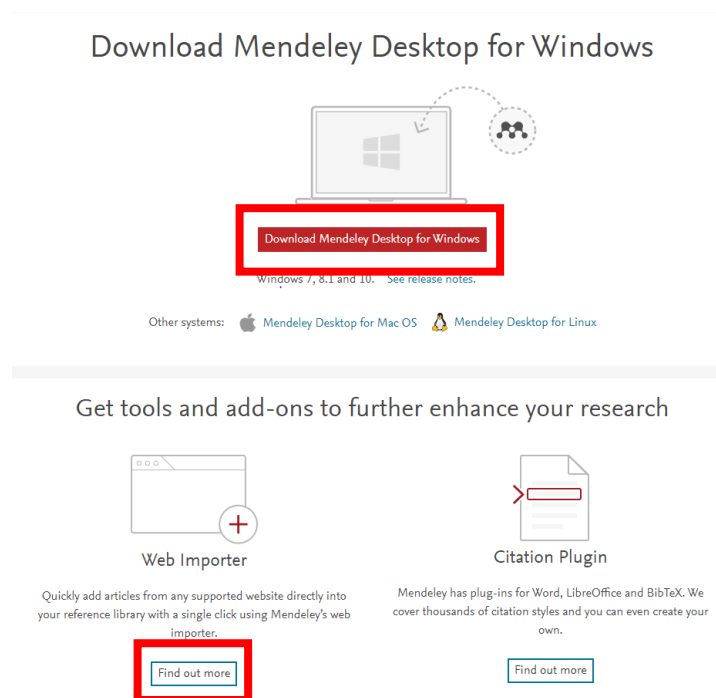
iGEM 2019 will be implementing Mendeley as a tool to organize our references. Here's how to get started:

1. Setting up Mendeley

Mendeley is free and available for download on www.mendeley.com.



Click the “Download” button on the upper right hand corner to access the download page.



Click on the big red button to start your download.

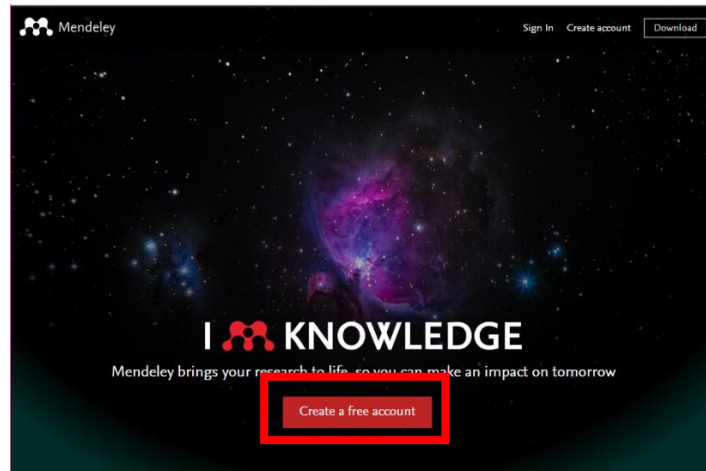
In addition to downloading Mendeley, you want to download the Web Importer to make it easier to upload files you find online onto Mendeley.

Click on the “Find Out More” button underneath “Web Importer” to get to this page

Add the extension onto your browser.

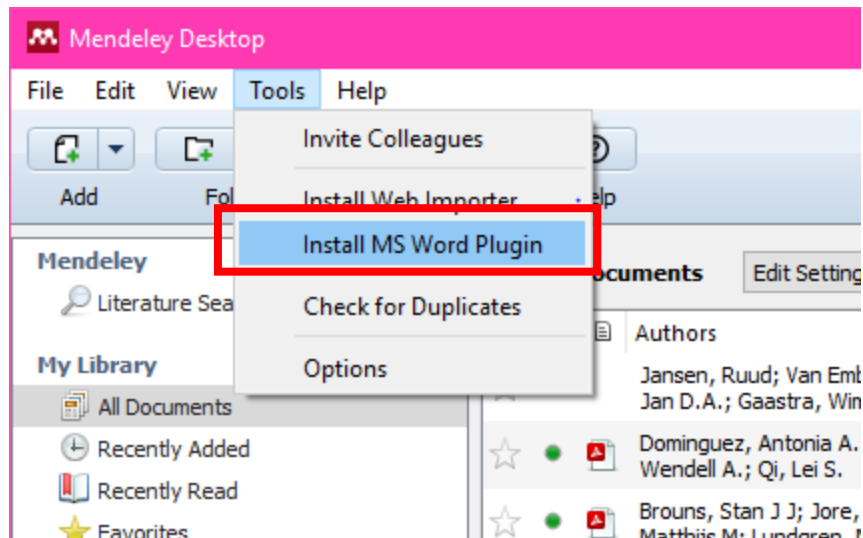
Once you have Mendeley successfully downloaded onto your computer, the next step is to create an account.

Go back to the title page and click on “Create a Free Account.” Here, you’ll be asked to enter your email, name, and create a password. Once you have created your account, please send Sara the email address you used to sign up for Mendeley.



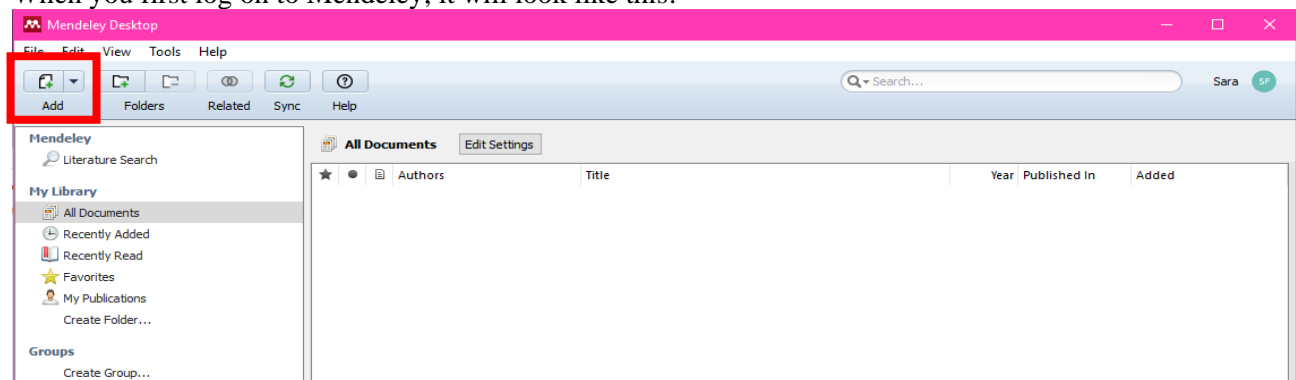
Once your account has been set up, you can log on to Mendeley.

Once you have logged into Mendeley, click “Tools” on the top left navigation bar and click “Install MS Word Plugin”. This tool will make it easier to format citations.



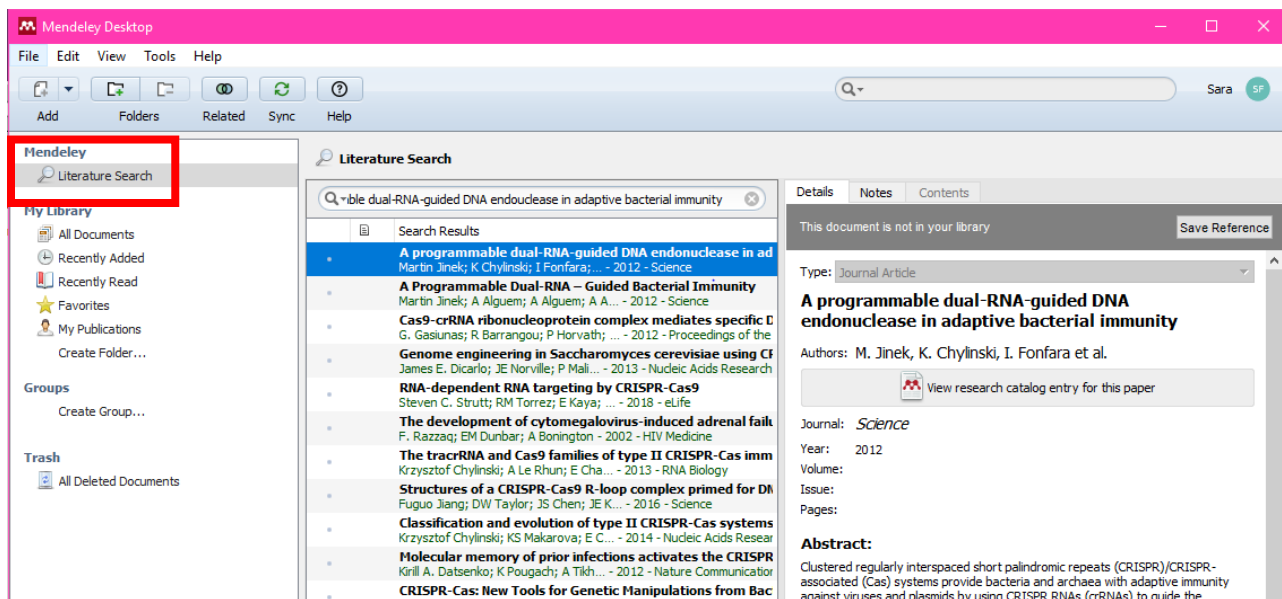
2. Managing your Library

When you first log on to Mendeley, it will look like this:



In order to add papers to your library, click the “add” button at the top left of the window and select the document from your computer’s files.

Alternatively, you can click “Literature Search” and enter the title of the paper you’d like to add to your library.



Once you find the paper you're looking for, you can click "Save Reference" on the top right corner to add it to your library.

This literature search tool is also useful because you can directly search Mendeley when looking for papers of interest. You can enter some keywords in the search bar and browse the abstracts of many papers to find one that interests you.

The downside to adding papers through Mendeley's search tool is that often times the full PDFs of these papers are not available. That's where the Web Importer extension comes in handy.

Find a paper you'd like to upload onto your library on your web browser, and access the full text. Most texts are available on the U of C network.

While on that page, click on the Mendeley icon at the top right corner of your browser. A drop down menu should appear.

← → ↻ https://www.nature.com/articles/nrm.2015.2 ☆ f m S

ADVERTISEMENT

nature > nature reviews molecular cell biology > review articles > article

nature **REVIEWS** MOLECULAR CELL BIOLOGY

Review Article | Published: 16 December 2015

Beyond editing: repurposing CRISPR–Cas9 for precision genome regulation and interrogation

Antonia A. Dominguez, Wendell A. Lim & Lei S. Qi

Nature Reviews Molecular Cell Biology **17**, 5–15 (2016) | Download Citation

Abstract

The bacterial CRISPR–Cas9 system has emerged as a multifunctional platform for sequence-specific regulation of gene expression. This Review describes the development of technologies based on nuclease-deactivated Cas9, termed dCas9, for RNA-guided genomic transcription

Journal Article

Beyond editing: repurposing CRISPR–Cas9 for precision genome regulation and interrogation

Dominguez A, Lim W, Qi L

Nature Reviews Molecular Cell Biology
2016 vol: 17 (1) pp: 5-15

The CRISPR–Cas9 system is a powerful, sequence-specific tool that was initially developed for gene and genome editing. The recent adoption of nuclease-deactivated Cas9 (dCas9) has enabled expansion of the use of the system to multiplexed and inducible transcription regulation, genome-wide screens and cell fate engineering.

DOI 10.1038/nrm.2015.2
ISSN 1471-0072

Date Accessed: 2019-01-15

URLS
www.nature.com/articles/nrm.2015.2

Web Library

Save (1)

☒ Download PDFs if available

Make sure the “Download PDFs if available” checkbox is checked, then click “Save”. This should add both the paper reference and the PDF to your library.

Once you have uploaded files onto your library, it should look like this:

Mendeley Desktop

File Edit View Tools Help

Add Folders Related Sync Help

Search...

Sara

Mendeley

Literature Search

My Library

- All Documents
- Recently Added
- Recently Read
- Favorites
- Needs Review
- My Publications
- Unsorted
- Create Folder...

Groups

- Create Group...

Trash

- All Deleted Documents

All Documents Edit Settings

★	●	Authors	Title	Year	Published In	Added
☆	●	Jansen, Ruud; Van Embden, Jan D.A.; Gastra, Wim; Sc...	Identification of genes that are associated with DNA repeats in prokaryotes	2002	Molecular Microbiology	6:47pm
☆	●	Dominguez, Antonia A.; Lim, Wendell A.; Qi, Lei S.	Beyond editing: repurposing CRISPR–Cas9 for precision genome regulation and interrogation	2016	Nature Reviews Molecular Cell Bi...	6:56pm
☆	●	Brouns, Stan J J; Jore, Matthijs M; Lundgren, Magn...	Small CRISPR RNAs guide antiviral defense in prokaryotes.	2008	Science (New York, N.Y.)	6:48pm

By clicking on the star symbol on the left, you can add papers to your “favourites” folder. When documents are first added to Mendeley, they are marked as “unread”, indicated by the green dot. You can click on the green dot to mark the paper as read. The PDF symbol by the paper indicates whether a PDF of that paper has been downloaded onto Mendeley.

Additionally, you can sort the papers based on author, title, year, journal, or time added to your Mendeley library by clicking the headers at the top of each column.

To better organize your papers, you can create more folders using the “Create Folder” button below the default folders. You can drag and drop papers from your main library to add it to a folder.

3. Annotating References

When you click on a paper in your documents list, a small window will pop up on the right hand side of your screen. This window contains three tabs: Details, Notes, and Content.

The Details tab will show you the abstract, authors, and other such technical information regarding the article. In the Details tab, there is a section titled “tags”. Here, you can add short keyword “tags” of your choice to your article to make it easier to retroactively locate. These tags can also be searched using the search tool at the top left of the window.

Mendeley Desktop

File Edit View Go Tools Help

Select Pan Note Highlight Color Zoom Zoom To Fit Fullscreen Sync Help

Search...

My Library Beyond editing: repurp...

REVIEWS

TECHNOLOGIES AND TECHNIQUES

Beyond editing: repurposing CRISPR-Cas9 for precision genome regulation and interrogation

Antonia A. Dominguez¹⁻³, Wendell A. Lim⁴⁻⁷ and Lei S. Qi¹⁻³

Abstract | The bacterial CRISPR-Cas9 system has emerged as a multifunctional platform for sequence-specific regulation of gene expression. This Review describes the development of technologies based on nuclease-deactivated Cas9, termed dCas9, for RNA-guided genomic transcription regulation, both by repression through CRISPR interference (CRISPRi) and by activation through CRISPR activation (CRISPRa). We highlight different uses in diverse organisms, including bacterial and eukaryotic cells, and summarize current applications of harnessing CRISPR-dCas9 for multiplexed, inducible gene regulation, genome-wide screens and cell fate engineering. We also provide a perspective on future developments of the technology and its applications in biomedical research and clinical studies.

Details Notes Contents

Type: Journal Article

Beyond editing: repurposing CRISPR-Cas9 for precision genome regulation and interrogation

Authors: A. Dominguez, W. Lim, L. Qi

View research catalog entry for this paper

Journal: *Nature Reviews Molecular Cell Biology*

Year: 2016

Volume: 17

Issue: 1

Pages: 5-15

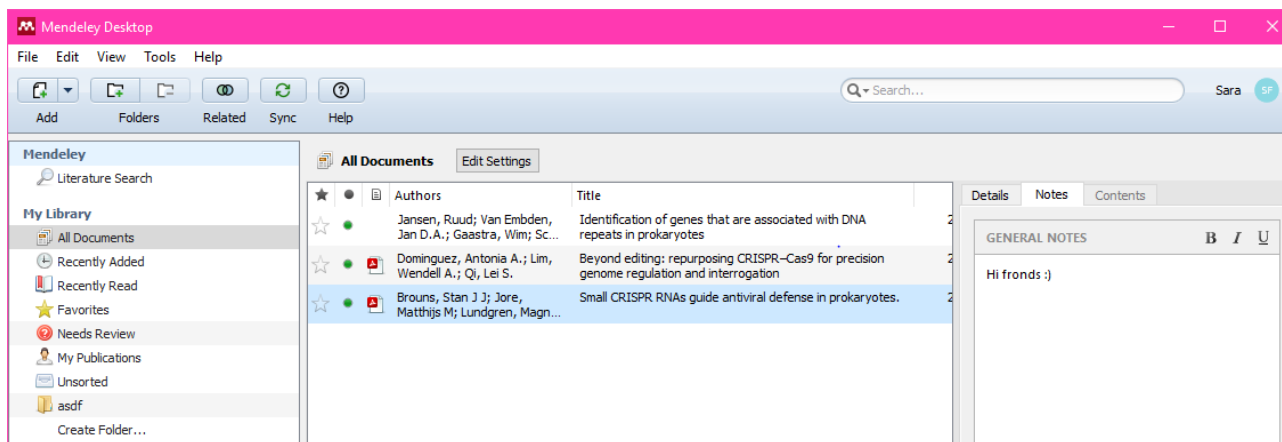
Abstract:

The CRISPR-Cas9 system is a powerful, sequence-specific tool that was initially developed for gene and genome editing. The recent adoption of nuclease-deactivated Cas9 (dCas9) has enabled expansion of the use of the system to multiplexed and inducible transcription regulation, genome-wide scree...

Tags:

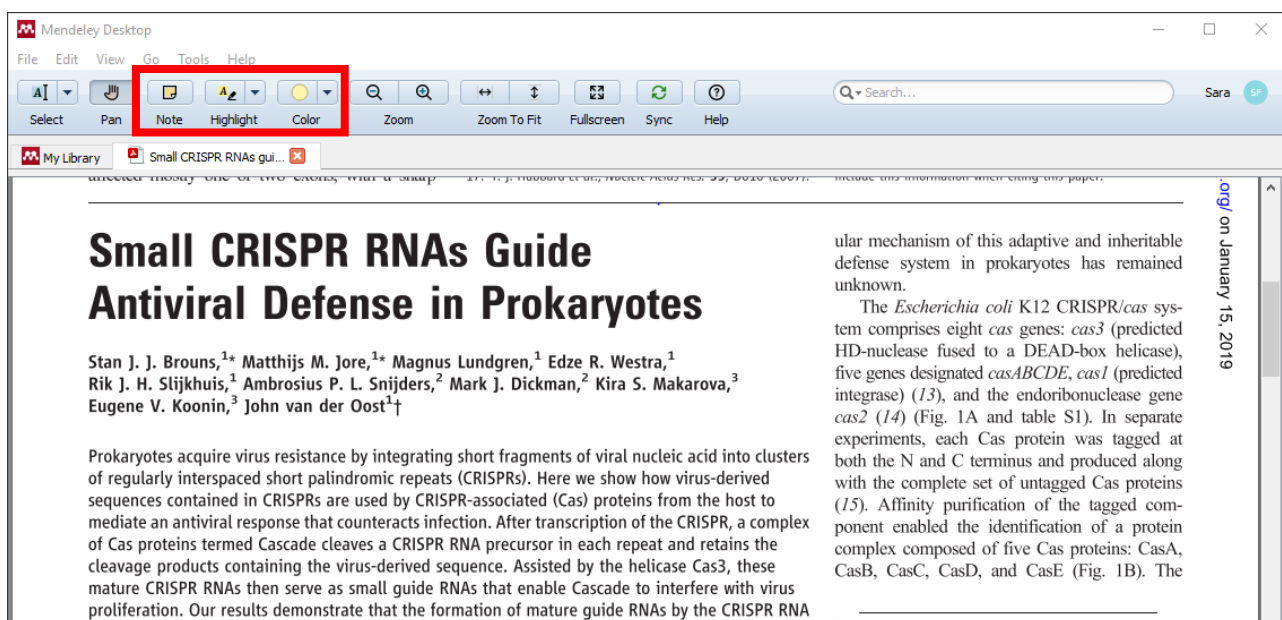
iGEM things; Sara is cool;

In the Notes tab, you have space to write your own thoughts on the article. This is a great space to jot down the information you specifically found useful in the paper, so it's easier to find the papers you need to cite when wikifreeze approaches.



The Content tab contains a table of contents for the article.

In addition to the general notes, if the PDF version of the paper is available, you can directly read and annotate the papers on Mendeley. Click on the PDF icon to access the paper.



Once you are on this page, you can use the highlight text by clicking the highlight icon at the top of the page and selecting text. You can also type in “notes” by clicking on the notes icon and clicking the place on the page where you would like to add a note.

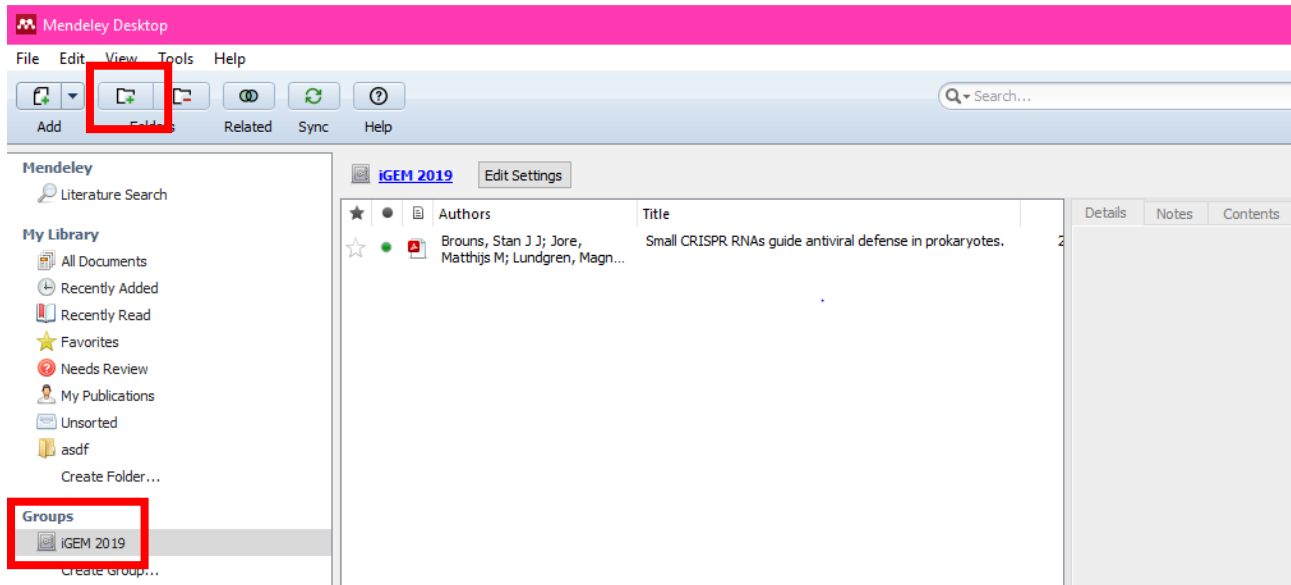
Notes and highlights can be made in different colors to help you stay better organized. You can change the color by clicking the color icon at the top before making an annotation, or you can retroactively change the color by clicking on the annotation you already made.

4. The iGEM 2019 Private Group

Because we will be working as a team, we want to make sure that the papers we actively use are accessible to other team members. We can do this by creating a private group for our research team, where we can upload our references.

When you have created your Mendeley account, please send Sara the email you used to sign up for an account. Sara will send you an invitation to join the iGEM 2019 private group.

Once you have joined the group, it will be visible under “groups” on the left hand side of your screen.



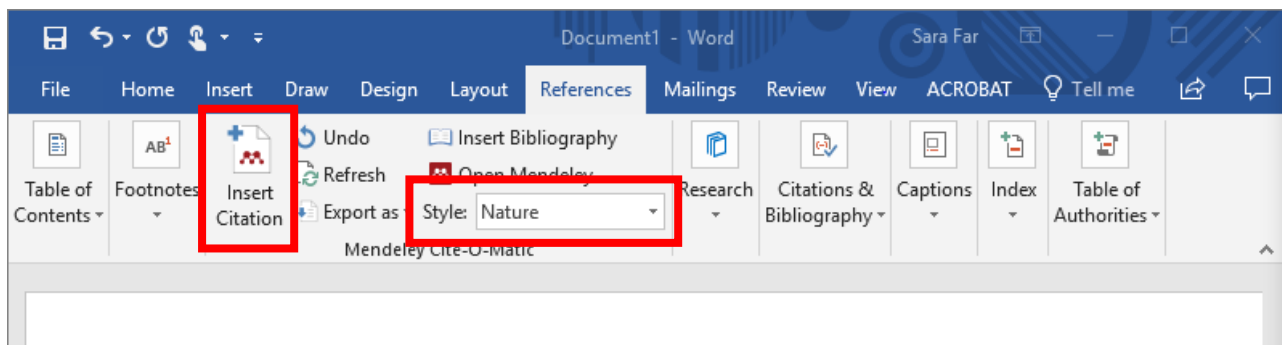
You can add papers from your library to the group library by dragging and dropping into the group. Once the files have been added to the group library, they will be visible by all members of the group.

You can also create a folder within the group by clicking on the folder icon at the top left.

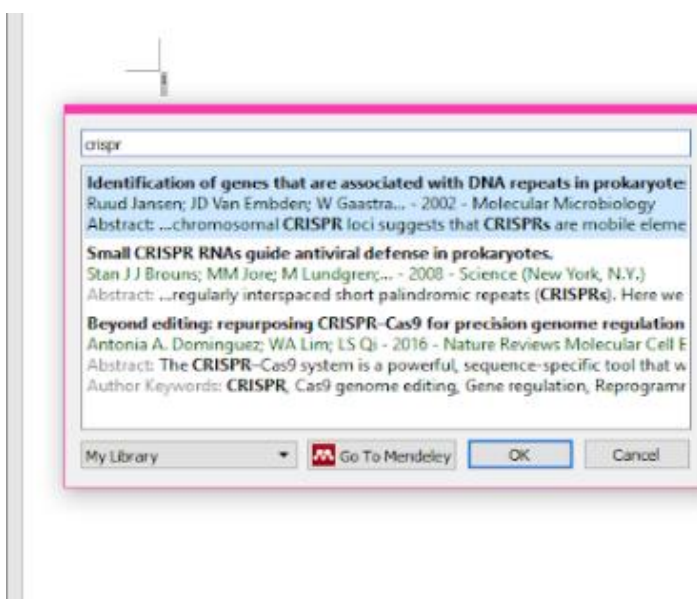
PDFs that are added to the group folder can be highlighted and annotated simultaneously by all members of the group. All markings will be visible to everyone, making it much easier to collaborate on literature review.

5. Creating Citations

Open up a Microsoft Word file and click the References tab on the navigation bar at the top. If you correctly installed the MS Word Citation Plugin earlier, you should see several icons with the Mendeley logo at the top of your window.

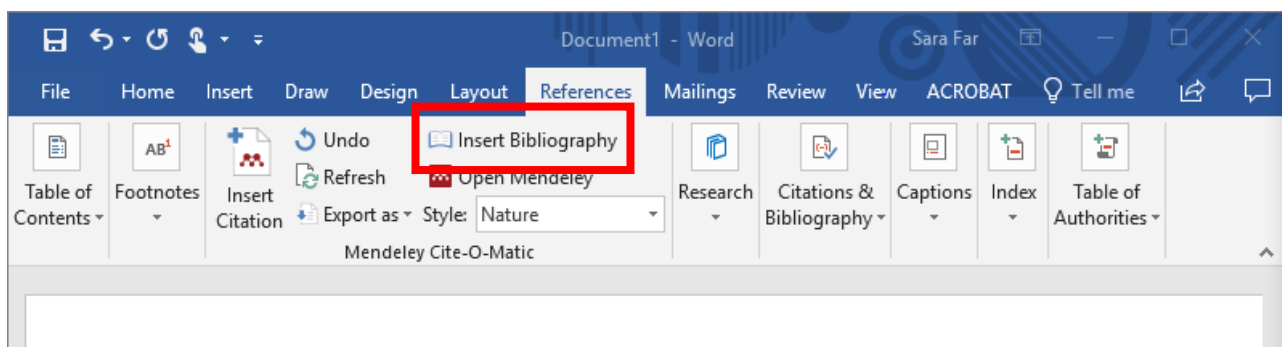


To create an in-text citation, specify your citation style of choice, then click “Insert Citation”. A window will pop up and ask you to choose the paper you wish to cite.



You can keyword search your library to find the article you want to cite, then click OK. The citation will appear on your page.

In order to create a bibliography, simply click “Insert Bibliography.” An alphabetized bibliography will appear on your page.



6. Tl;dr

Download mendeley, create a mendeley account, and send sara the email you used to create your account. You can figure out the rest.

Feel free to DM me (Sara) if you have any questions ;)