

MakeCaseStudies Walkthrough

Welcome to MakeCaseStudies! This web-app is here to help you create a case study. To create a case study, start by filling in the text boxes highlighted in red with the information you want to be included in the case study. In this format you can include a case study title, body text, headers, images, and a video. By default, these text boxes are filled in with the content from a case study on the Gram Stain method to act as an illustrative example. Provide links to images using the image URL and attach a video by inputting its YouTube video code.

Create a Case Study

This tool is provided to help users create online lessons quickly and easily like our [open case studies](#), which are online step-by-step lessons that guide users through a real-world problem solving challenge.

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Photo by Kari Shea on Unsplash

Start by clicking the **Make Case Study** button to download an example lesson.

Make Case Study

Document Format: HTML

Delete and replace the existing content within the Create tab for your own content, check the preview in the Preview tab, and finally press the **Make Case Study** button again to download your own lesson!

Create

Preview

Logo Image URL

https://opencasestudies.github.io/img/logo.jpg

Title

Gram Negative Vs Gram Positive Bacteria

Main Image URL

https://thisonevsthatone.com/wp-content/uploads/Grar

Header1

Gram-positive vs Gram-negative, what's the difference??

Narrative Text Section 1

Gram-positive is a type of bacteria that have a thick, multilayered cell wall and no outer cell membrane. They stain purple when you perform a Gram stain on them.

Figure 1: Opening page of the MakeCaseStudies app. Use this app to create your own case study.

Click the orange “Preview” tab (highlighted in red) in the top left to view what the case study in-progress looks like. Check this tab before downloading to ensure the final product looks as expected.

If you need more than the two sections provided by default, return to the “Create” tab and scroll to the bottom to find “insert” and “remove” buttons. Use the “Insert Header” and “Insert Narrative Section” buttons (highlighted in red) to add a new case study section with a header and text. The “remove” buttons are provided to remove any unused sections. Buttons to add more images and videos are not available at this time but they are under development.

Once satisfied with your case study, click on the download button at the top of the page

Image 1 URL

<https://cdn1.byjus.com/wp-content/uploads/2018/11/bi>

Header2

Gram Stain Method

Narrative Text Section 2

During Gram staining both bacteria are stained with a purple dye, but the gram-negative does not retain it. So, you could also associate that concept to their names as well.

So gram-positive (plus) bacteria have the purple stain, and gram-negative bacteria (minus) do not have the purple stain.

Of course, there is much more to these two bacterial types than that, so let's delve a bit deeper into both types.

Gram staining was invented by Hans Christian Gram, and it's sometimes referred to as Gram's method. This process is where gram-positive and gram-negative bacteria derived their names. Since bacteria are so tiny, Gram staining is used to determine the bacterial type (positive or negative).

This is incredibly important for treating ailments caused by bacteria. Different bacterial types react in different ways to different treatments, so we need to know

Image 2 URL

<https://cdn.technologynetworks.com/tn/images/body/g->

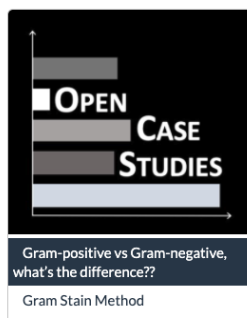
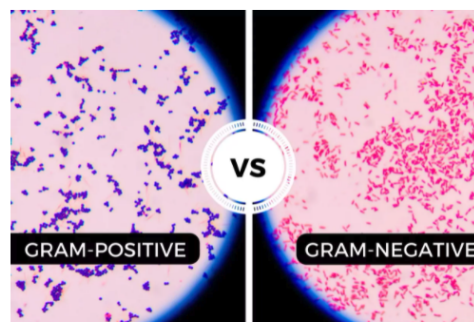
youtube video code

AZS2wb7pMo4

Figure 2: Create a case study by filling in the case study material into the provided text boxes.

Open Case Studies: Gram Negative Vs Gram Positive Bacteria

Code ▾



source

Gram-positive vs Gram-negative, what's the difference??

Gram-positive is a type of bacteria that have a thick, multilayered cell wall and no outer cell membrane. They stain purple when you perform a Gram stain on them.

Gram-negative is a type of bacteria that have a thin, single-layered cell wall and do have an outer cell membrane. They stain red or pink when you perform a Gram stain on them.

One way to help distinguish between the two different types is to associate the beginning letters of the words with a corresponding color attribute.

So gram-positive bacteria stain purple, and gram-negative bacteria do not.

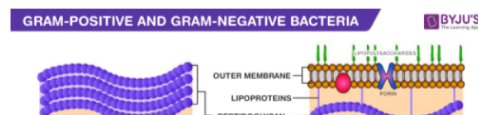


Figure 3: Preview tab of the MakeCaseStudies app.

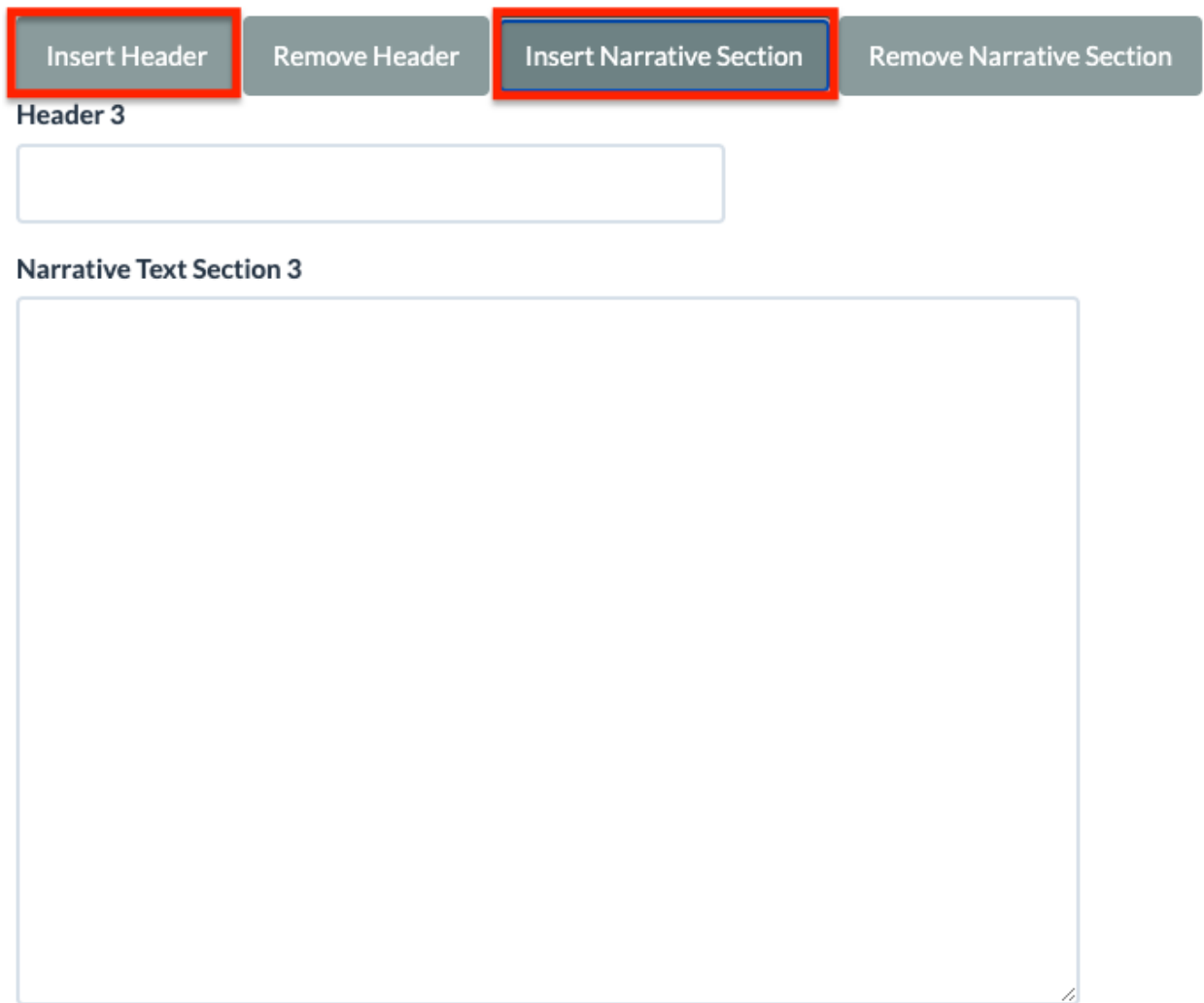


Figure 4: Insert and Remove Header and Narrative Text Section buttons.

labeled “Make Case Study.” The button is highlighted in red. This will download an HTML file containing the case study.

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Start by clicking the **Make Case Study** button to download an example lesson.

Make Case Study

Document Format: HTML

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Figure 5: Make Case Study download button.

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Header1

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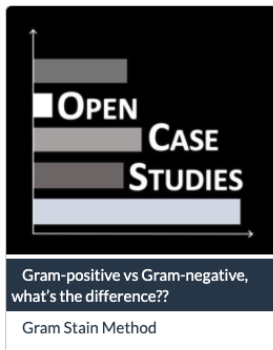
Narrative Text Section 1

my-report.html

Show All

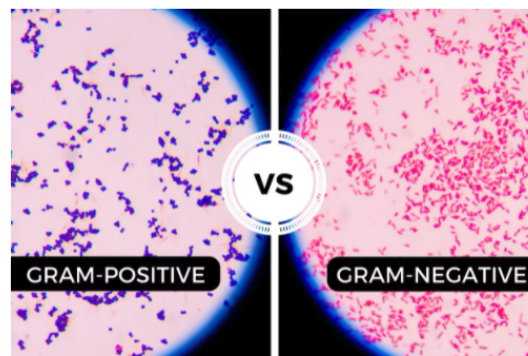
Figure 6: Downloaded case study file.

Open the downloaded file (highlighted in red) named `my-report.html` to view the case study created. This file can be shared with students or hosted online.



Open Case Studies: Gram Negative Vs Gram Positive Bacteria

Code ▾



source

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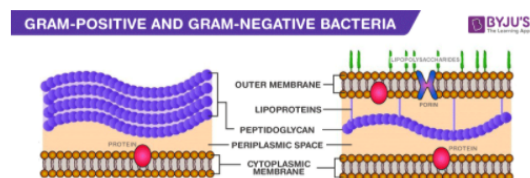


Figure 7: Open the case study HTML file.