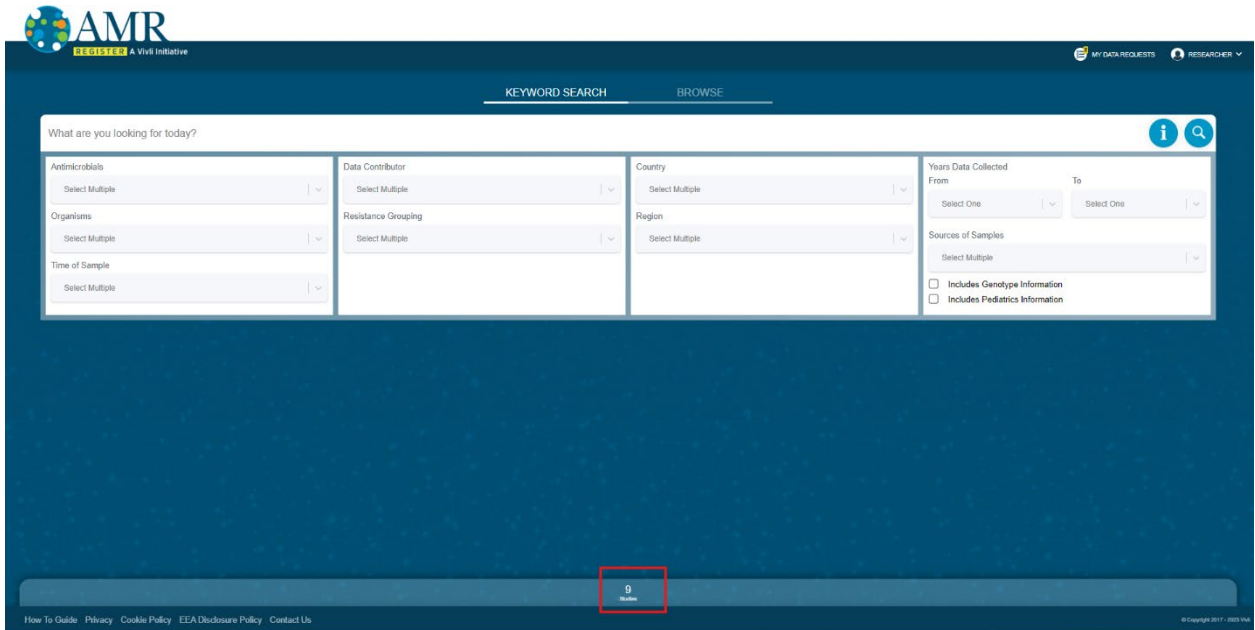


AMR Expression of Interest Guidance

1. To search for the datasets of interest use the drop-down filters to refine your search or click on the bar at the bottom (see below) to view details of all available surveillance program datasets.



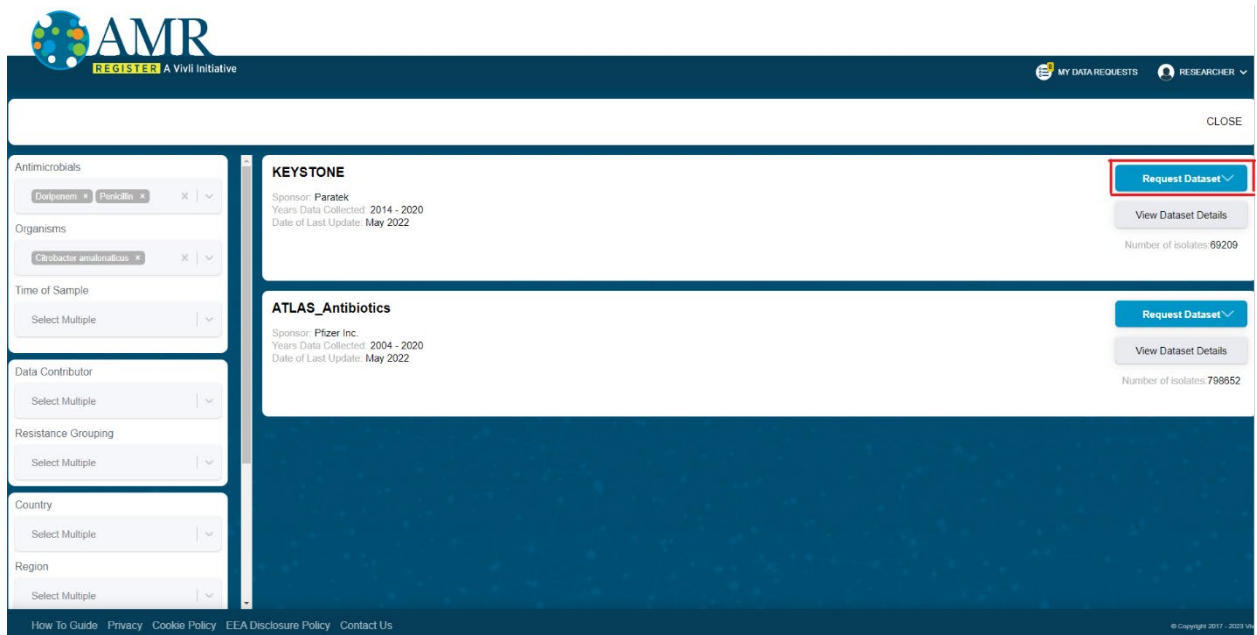
Alternatively, click the 'BROWSE' tab to review information about the available surveillance programs.

For more information in searching for datasets, see [here](#).

Once you have decided which datasets to include in your analysis, add them to a data request.

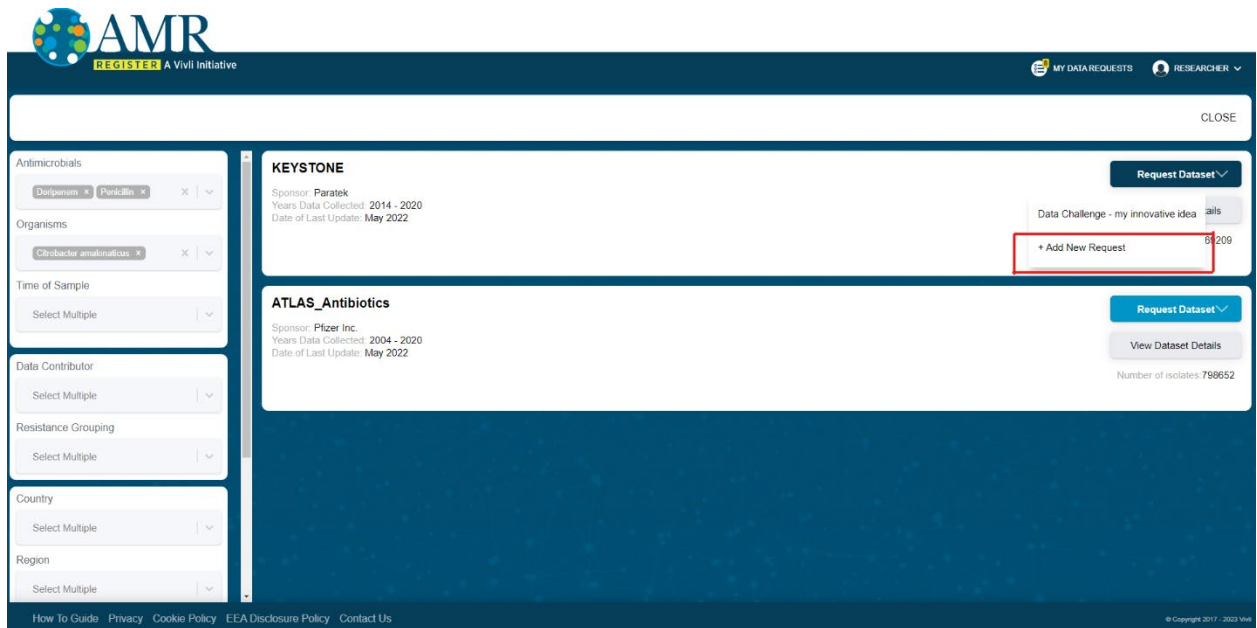
Note: all the datasets on the AMR Register are available as part of the challenge, with the exception of the Merck datasets. These datasets can still be requested via the AMR Register, but not as part of the data challenge.

2. Click on ‘Request Dataset’ next to the relevant dataset:



The screenshot shows the AMR REGISTER interface. On the left, there are filters for Antimicrobials (Doxipenem, Penicillin), Organisms (Clostracter amatoniticos), Time of Sample, Data Contributor, Resistance Grouping, Country, and Region. The main content area displays two datasets: KEYSTONE (Sponsor: Paratek, Years Data Collected: 2014 - 2020, Date of Last Update: May 2022, Number of Isolates: 69209) and ATLAS_Antibiotics (Sponsor: Pfizer Inc., Years Data Collected: 2004 - 2020, Date of Last Update: May 2022, Number of Isolates: 79852). The 'Request Dataset' button for the KEYSTONE dataset is highlighted with a red box.

3. A dropdown will appear – click on +Add New Request



This screenshot shows the same AMR REGISTER interface as the previous one, but with a dropdown menu open for the KEYSTONE dataset. The dropdown menu contains the text 'Data Challenge - my innovative idea' and '+ Add New Request'. The '+ Add New Request' option is highlighted with a red box.

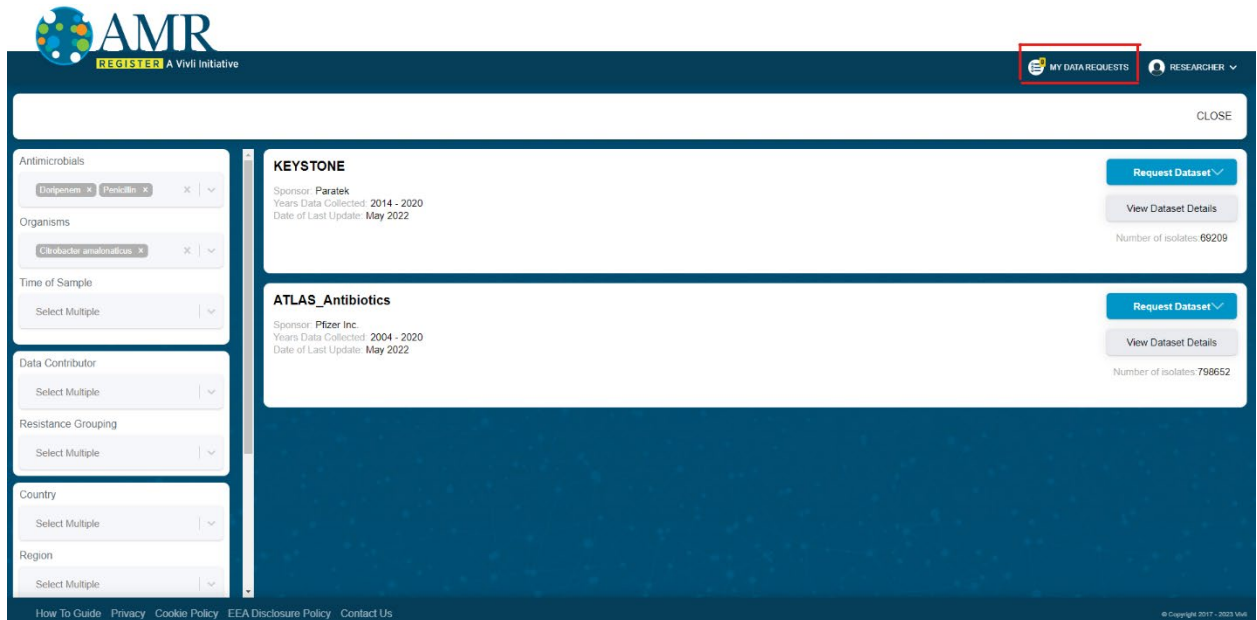
4. A dialogue box will pop up where you can provide a name for your research project.

All requests for the Data Challenge must include the words ‘Data Challenge’ in the project name.

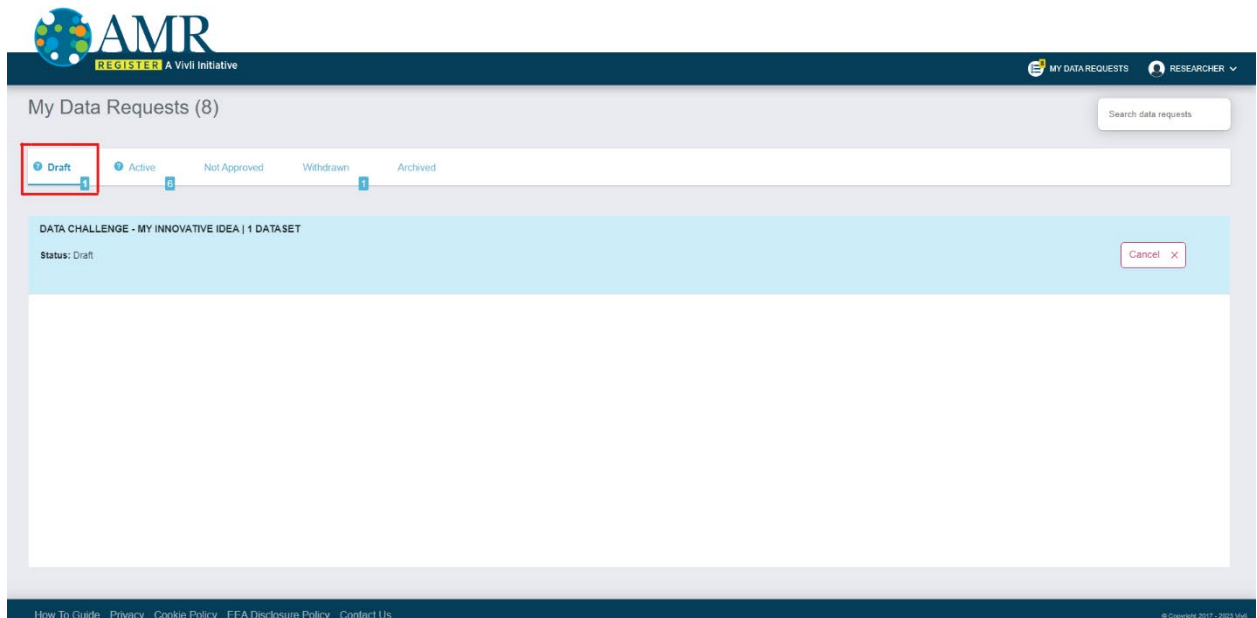
Click ‘OK’ and the dataset will be added. Repeat this process to add more datasets, but select the research project you have already created from the list when prompted.

For full details of how to create a request, see [here](#).

- To complete the 300-word expression of interest, click on ‘MY DATA REQUESTS’ at the top right of the page:



- You will find your request under the ‘Draft’ tab:



- Click anywhere on the request name to be taken in to complete your expression of interest.

First add the research team form you created in Step 2. To do this, select the ‘Chat’ tab, and use the ‘Select Files’ button to find and add them from your computer, or drag and drop them into the ‘Drop files here’ zone:

MY DATA REQUESTS RESEARCHER

< Go Back Data Challenge - my innovative idea Edit Request Title Save Submit

Datasets

Request History

Request

Chat

Open Chat 2

Communicate with stakeholders involved in this data request.


NO FILES IN PACKAGE

Select Files Drop files here

Send

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The files will show up on the right, and a message will appear in the Chat box:



REGISTER A Vivli Initiative

MY DATA REQUESTS RESEARCHER

< Go Back Data Challenge - my innovative idea Edit Request Title Save Submit

Datasets

Request History

Request

Chat

Open Chat 2

Communicate with stakeholders involved in this data request.

Researcher 0
File Uploaded: 2023_03_27 Research Team Form pdf 3/4/23 12:30 pm

Select Files

UPLOADED FILES

Filename	Size	Uploaded By	
2023_03_27 Research ...	90.93...	Researche...	Download X

Send

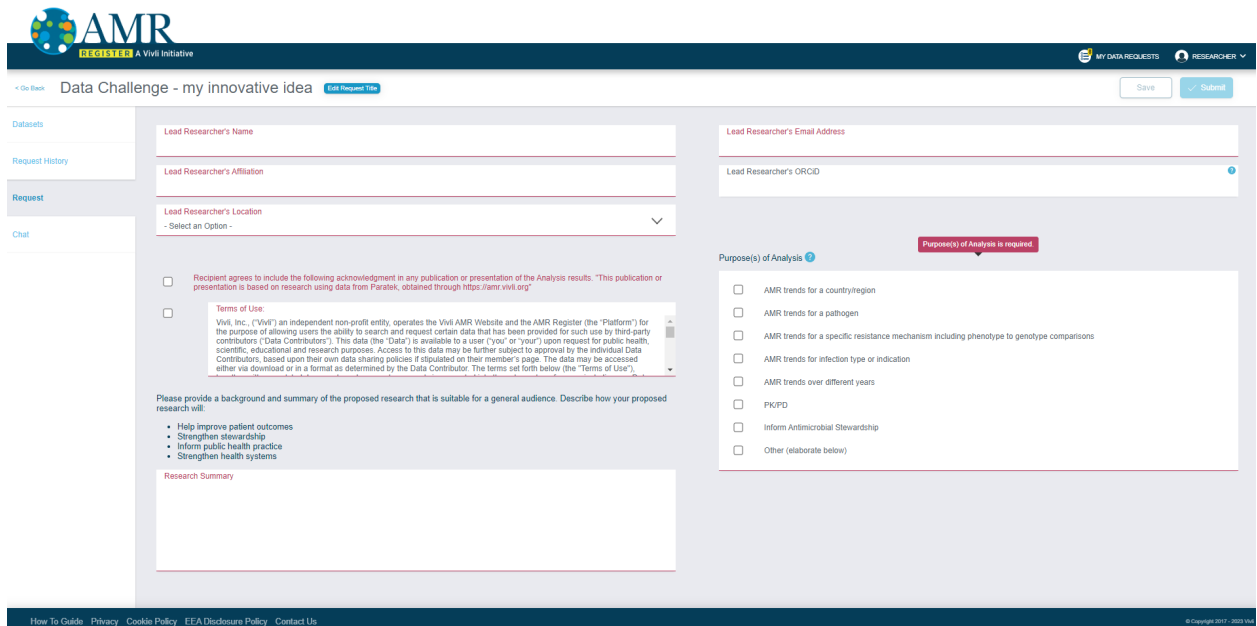
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- Once uploaded, go to the 'Request' tab and complete the boxes. All information is required, except for the ORCiD. The Lead Researcher should be the Lead Applicant entered into your research team form.

9. Add an approximately 300-word summary to the ‘Request Summary’ box to explain your idea. Your explanation should cover how your research will address one or more of the following in the field of antimicrobial resistance:

- Help improve patient outcomes
- Strengthen stewardship
- Inform public health practice
- Strengthen health systems

If you need more room, you can attach extra information as a document in the ‘Chat’ as above, but it should be **no longer than 1 A4 page**.



AMR REGISTER A Vivli Initiative

MY DATA REQUESTS RESEARCHER

< Go Back Data Challenge - my innovative idea Edit Request Title Save Submit

Request

Lead Researcher's Name

Lead Researcher's Affiliation

Lead Researcher's Location
- Select an Option -

Lead Researcher's Email Address

Lead Researcher's ORCID

Purpose(s) of Analysis Purpose(s) of Analysis is required

Recipient agrees to include the following acknowledgment in any publication or presentation of the Analysis results: "This publication or presentation is based on research using data from Paratek, obtained through https://amr.vivli.org"

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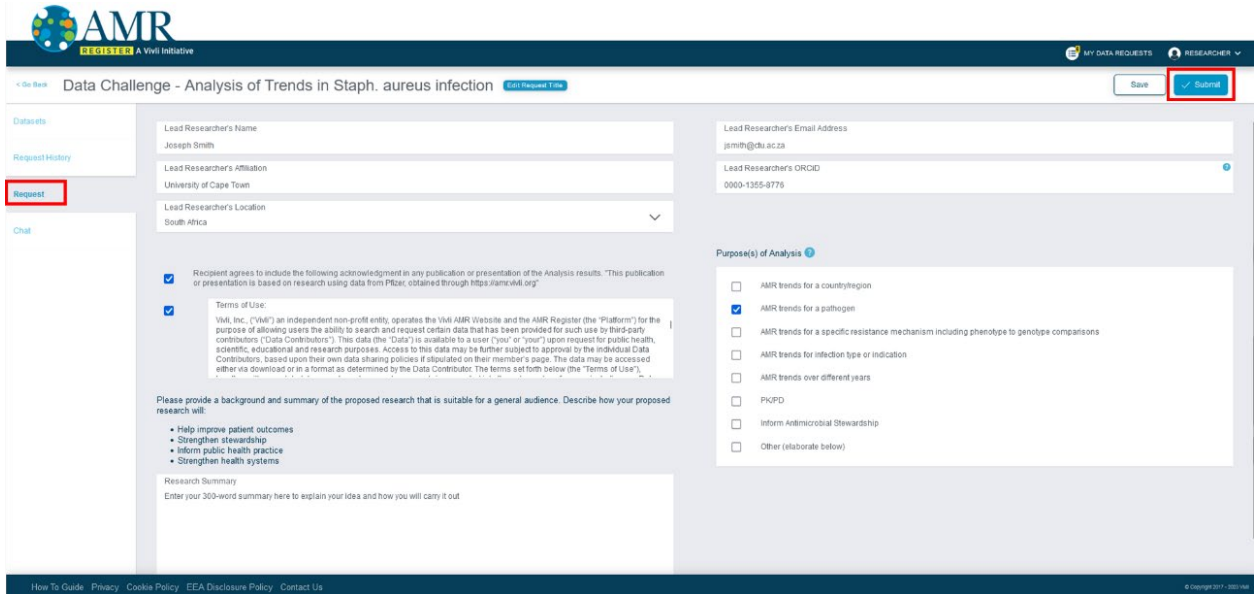
Please provide a background and summary of the proposed research that is suitable for a general audience. Describe how your proposed research will:

- Help improve patient outcomes
- Strengthen stewardship
- Inform public health practice
- Strengthen health systems

Research Summary

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10. Once you have completed all the information, click on the 'Submit' button to submit your expression of interest:



AMR REGISTER A Vivli Initiative

MY DATA REQUESTS RESEARCHER

< Go Back Data Challenge - Analysis of Trends in Staph. aureus infection [Get Request URL](#) Save **Submit**

Request

Lead Researcher's Name
Joseph Smith

Lead Researcher's Email Address
jsmith@du.ac.za

Lead Researcher's Affiliation
University of Cape Town

Lead Researcher's ORCID
0000-1355-8776

Lead Researcher's Location
South Africa

Recipient agrees to include the following acknowledgment in any publication or presentation of the Analysis results: "This publication or presentation is based on research using data from PReiser, obtained through <https://amr.vivli.org/>"

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Please provide a background and summary of the proposed research that is suitable for a general audience. Describe how your proposed research will:

- Help improve patient outcomes
- Strengthen stewardship
- Inform public health practice
- Strengthen health systems

Research Summary
Enter your 300-word summary here to explain your idea and how you will carry it out

Purpose(s) of Analysis

- AMR trends for a country/region
- AMR trends for a pathogen
- AMR trends for a specific resistance mechanism including phenotype to genotype comparisons
- AMR trends for infection type or indication
- AMR trends over different years
- PKPD
- Inform Antimicrobial Stewardship
- Other (elaborate below)

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