**Bioplatforms Australia Antibiotic Resistant Sepsis Pathogens Initiative
Instructions for performing a search query and how to use Tags for advanced
search/narrowing search results (2018-07-03)**

1. To use the search function, please **Login**: https://data.bioplatforms.com/user/login or
   Register here: https://data.bioplatforms.com/user/register

2. Click on the Data Portal banner.

3. Select the Antibiotic Resistant Sepsis Pathogen project (click on the header or the
   picture).

Antibiotic Resistant Sepsis Pathogens ⇐

The Antibiotic Resistant Sepsis Pathogens Framework Initiative aims to develop a framework dataset
that will enable identification of core targets common to antibiotic-resistant sepsis pathogens.

4. The datasets can be searched using the **"Search datasets…" box** (located in the "Project
   Home" and "Datasets" tabs)

Search datasets...	🔍

   Note: Please see Step 5 for suggested search items, Step 6 for the more details on the
   Framework Initiative and Step 7 onwards for an example of a search query using Tags).
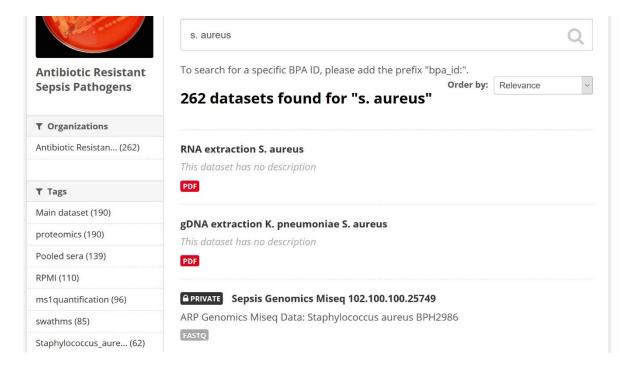
5. Suggestion for search items:

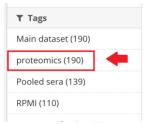 | Species | Media | Omics/Data type |
   |---|---|---|
   | *Escherichia coli* | RPMI | genomics |
   | *Klebsiella pneumoniae* | RPMI galactose | transcriptomics |
   | *Staphylococcus aureus* | RPMI glucose | metabolomics |
   | *Streptococcus pneumoniae* | RPMI_modified | proteomics |
   | *Streptococcus pyogenes* | Pooled sera | |

6. **Note: Please see the links below for the list of species, strains and experimental
   overview from this Framework Initiative.**
   a) Species and strains:
      https://data.bioplatforms.com/bpa/antibiotic_resistant_pathogens/bacterialcontext
      ualdata
   b) Experimental overview:
      https://data.bioplatforms.com/dataset/71158f4d-2b2e-4cd3-96c0-
      85402fad22c4/resource/431004d3-6e48-4477-ab4a-
      4df3a949d70a/download/Experimental-workflow.pdf
   c) Experimental setup and Methods:
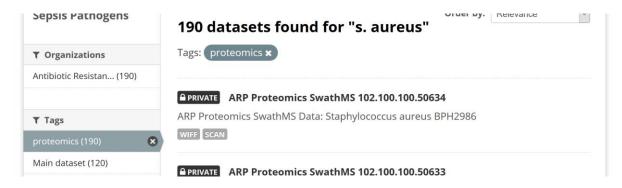   https://data.bioplatforms.com/organization/pages/bpa-sepsis/methods

7. For e.g. enter *S. aureus* if you are interested *in S. aureus* datasets.

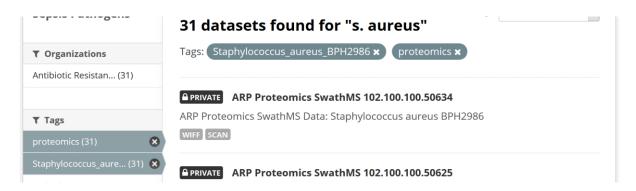8. In this instance, there are 262 datasets, including the RNA and gDNA extraction protocols.

9. To narrow the search results further, use the **"Tags" option on the left column.**

10. For e.g. click on the **"proteomics (190)"** Tag if you are only interested in the proteomics datasets.
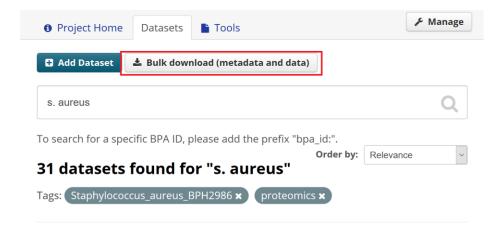

11. The number of datasets is narrowed down from 262 to 190.

12. To refine the search query further, **click on another "Tag" on the left column.**

13. For e.g. if you are only interested in the proteomics data from *Staphylococcus aureus*, strain BPH2986, click on the "Staphylococcus_aureus_BPH2986" Tag.

14. The number of datasets is narrowed down from 190 to 31.

15. **To remove the Tag(s), simply click on the "x" next to the Tag(s)** that were selected earlier.

16. **To download the datasets that are listed, click on "Bulk download (metadata and data)"** at the top of the page.

17. A zip archive will download.

18. **Extract this archive** and **follow the instructions in the "README.txt" file** to commence a bulk download to your workstation.

19. **Note: All the sample and sequencing metadata comes with the Bulk Download.**

Please contact help@bioplatforms.com (and cc the Project Manager - https://data.bioplatforms.com/organization/pages/bpa-sepsis/contacts) if you have any problems with the download or if you can't find the metadata.

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