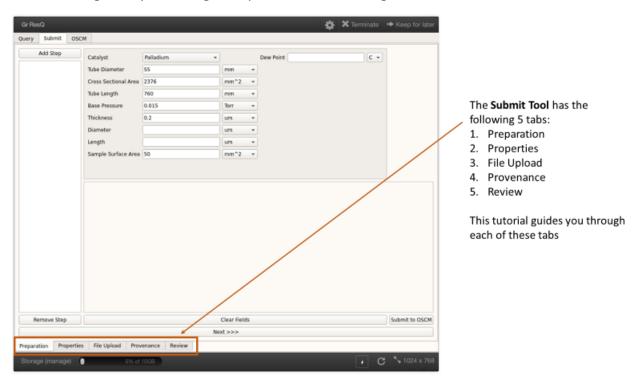
Tutorial – Submit Tool – Gr-ResQ

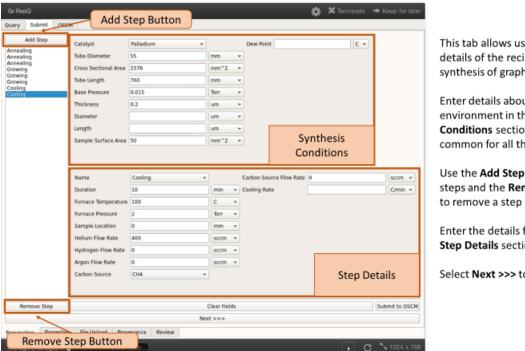
Author: Aagam Shah (aagam2@illinois.edu)

Version: 1.0.0 Date: 01/10/20

This tutorial guides you through the process of submitting data in the Gr-ResQ tool



Tab 1: Preparation



This tab allows users to enter the details of the recipe used for synthesis of graphene

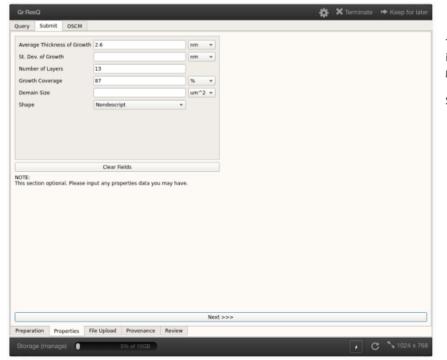
Enter details about the synthesis environment in the Synthesis Conditions section. This section is common for all the steps

Use the Add Step Button to add steps and the Remove Step Button

Enter the details for each step in the Step Details section

Select Next >>> to go to the next tab

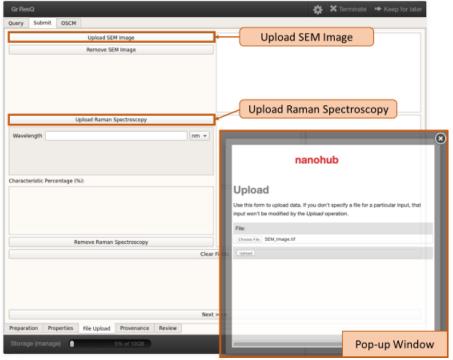
Tab 2: Properties



This tab allows users to enter information about the graphene growth

Select Next >>> to go to the next tab

Tab 3: File Upload



This tab allows users to upload SEM images and Raman spectrums for their recipe

SEM Images:

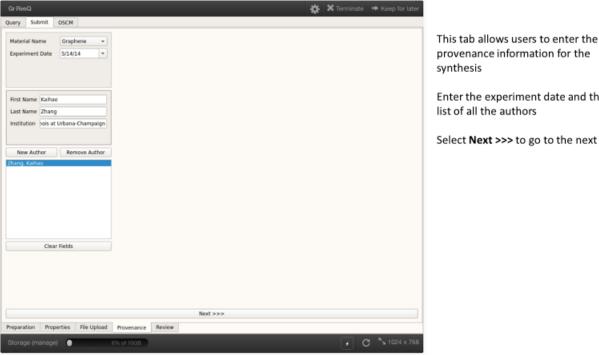
- Select Upload SEM Image
- · A pop-up window will appear
- Select Choose File to select a file from your computer
- · Select Upload to upload the file

Raman Spectrum:

- Select Upload Raman Spectroscopy
- A pop-up window will appear
- Select Choose File to select a file from your computer
- Select Upload to upload the file
- Enter the wavelength of the laser used for the Raman spectroscopy

Select Next >>> to go to the next tab

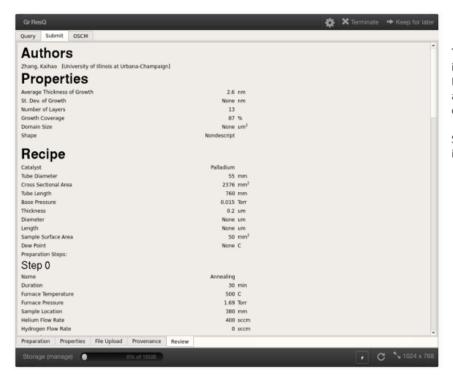
Tab 4: Provenance



Enter the experiment date and the list of all the authors

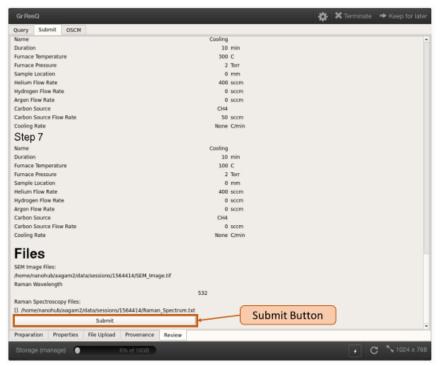
Select Next >>> to go to the next tab

Tab 5: Review



This tab allows users to review all the information before submitting it. Please review all the fields carefully as the information cannot be edited once it has been submitted

Scroll down to see all the rest of the information



Once all the information has been reviewed, select **Submit** to upload the data

If successful, you will receive a prompt with a confirmation message

If some necessary fields are missing, you will receive a prompt informing you of the same. Navigate to the tab where that field is and enter data in all such fields before submitting the data again