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## PATHOLOGY LEARNING CENTRE

### How to View Scanned Slides

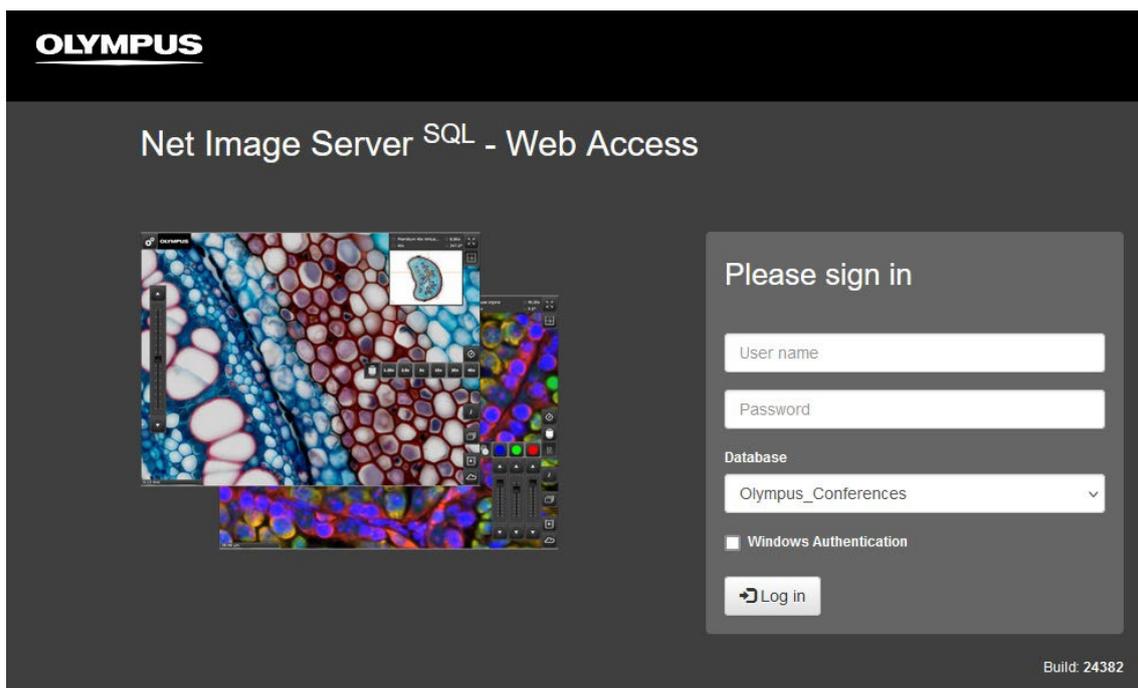
The Pathology Learning Centre (PLC) currently operates an Olympus VS120 slide scanner. The VS120 can output various file formats. The most commonly used is the Virtual Slide Image (VSI) file format. These images can be viewed either online on UCT's Olympus virtual microscope or locally on your own computer.

### To View Online

To view the images online, one must login to UCT's Olympus virtual microscope. To do this, one must have a virtual microscope account. If you do not have an account, one will be created if you request 'Online Hosting' on the 'PLC Scan Request Form'.

### To Login to the Virtual Microscope

1. Click the link to go to the [UCT Olympus virtual microscope](#).



2. In the 'User name' field put your account username.
3. In the 'Password' field put your account password.
4. In the 'Database' tab, select 'Olympus\_Conferences'.
5. Click the 'Log in' button.

## To View Locally

To view and annotate VSI files locally, additional software is required. There are multiple software packages which open VSI files. The two most popular are OlyVIA and QuPath. OlyVIA was built by Olympus and is thus recommended. QuPath is a more general purpose whole slide imaging software. The software you will require will depend on your protocol, imaging needs, operating system etc.

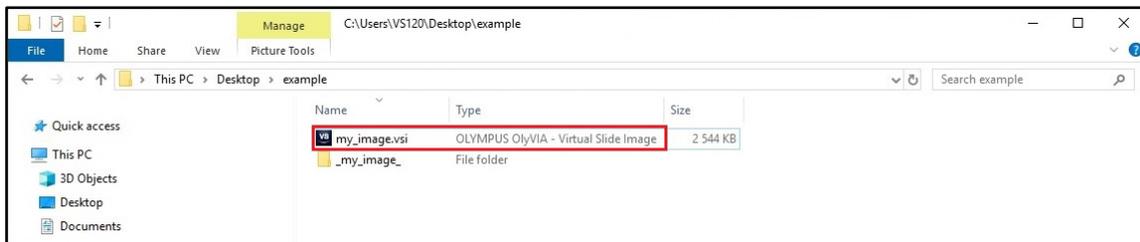
## Click Link Below to Begin Download

[OlyVIA](#)

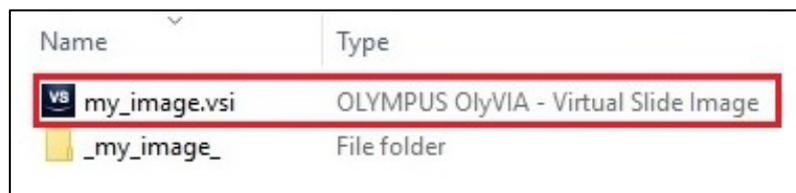
[QuPath](#)

## How to open with OlyVIA

1. Download and install OlyVIA. Once OlyVIA is installed on your PC open the folder containing your scanned images.

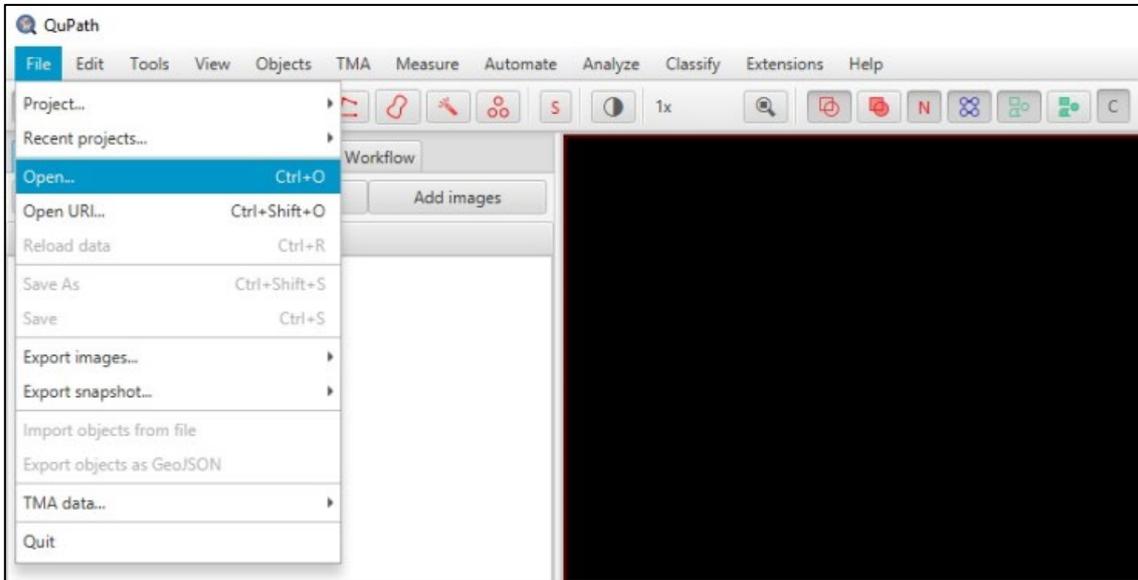


2. For each image there should be a .vsi file and an accompanying folder of the same name. Select the .vsi and double click to open (ignore the accompanying folder). DO NOT DELETE the folder which accompanies the .vsi file.

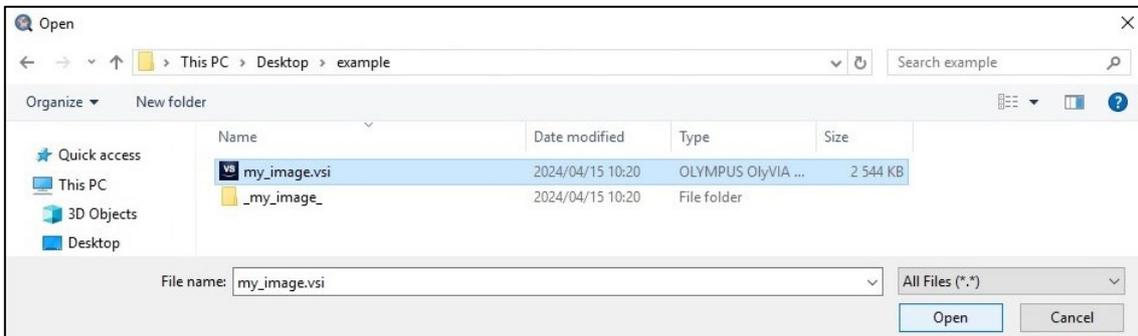


## How to open with QuPath

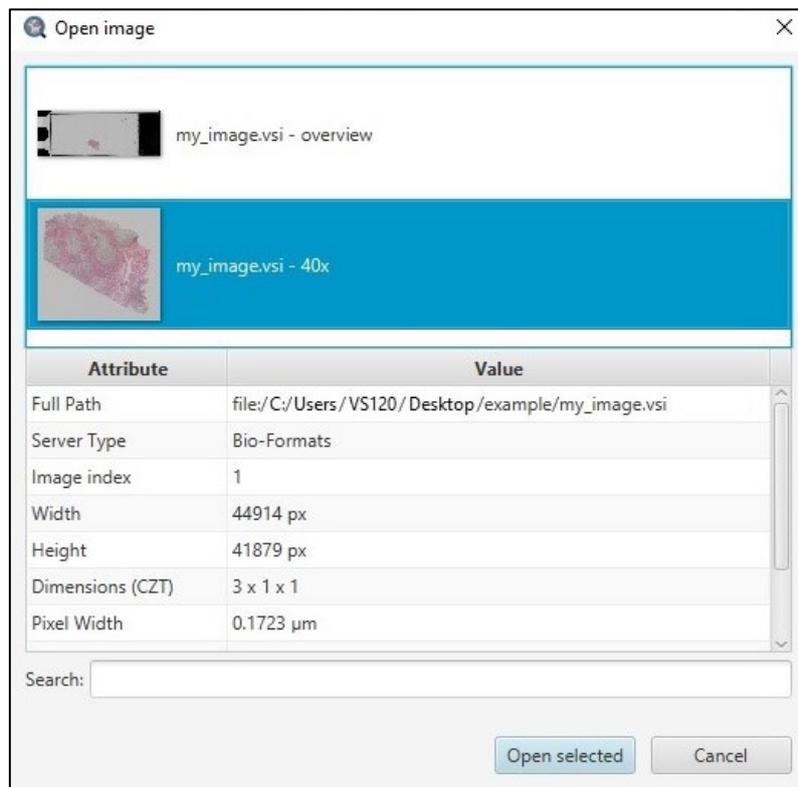
1. Download and install QuPath. Open QuPath. In the top left corner select 'File' then select 'Open'.



2. Then navigate to the folder containing your image. Select the .vsi and click 'Open' (ignore the accompanying folder).



- Two images should appear. The images will be; [your image name] – overview and [your image name] – magnification. Select [your image name] – magnification and click 'Open selected'



- Then set image type. This will depend on the stain used in your image. For most images 'Brightfield H&E' will be the correct type. Select the most suitable option then click 'Apply'.

