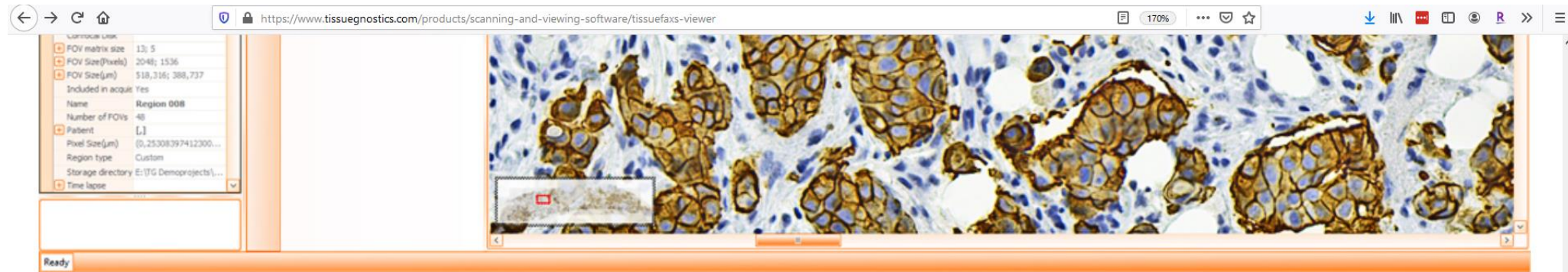


Opening TissueGnostics project files with the TissueFAXS viewer

1. Download and install the TissueFAXS 7 viewer from the [website](https://www.tissuegnostics.com/products/scanning-and-viewing-software/tissuefaxes-viewer)

Scroll down on the page to find the download links.



Systems without Slideloader

The latest version for the TissueFAXS 4.0 viewer, 32 bit

The latest version for the TissueFAXS 4.0 viewer, 64 bit

The latest version for the TissueFAXS 6.0 viewer, 64 bit

The latest version for the TissueFAXS 7.0 viewer, 64 bit (7.0.6245.131)

Systems with Slideloader

The latest version for the TissueFAXS 200 5.0 viewer, 32 bit

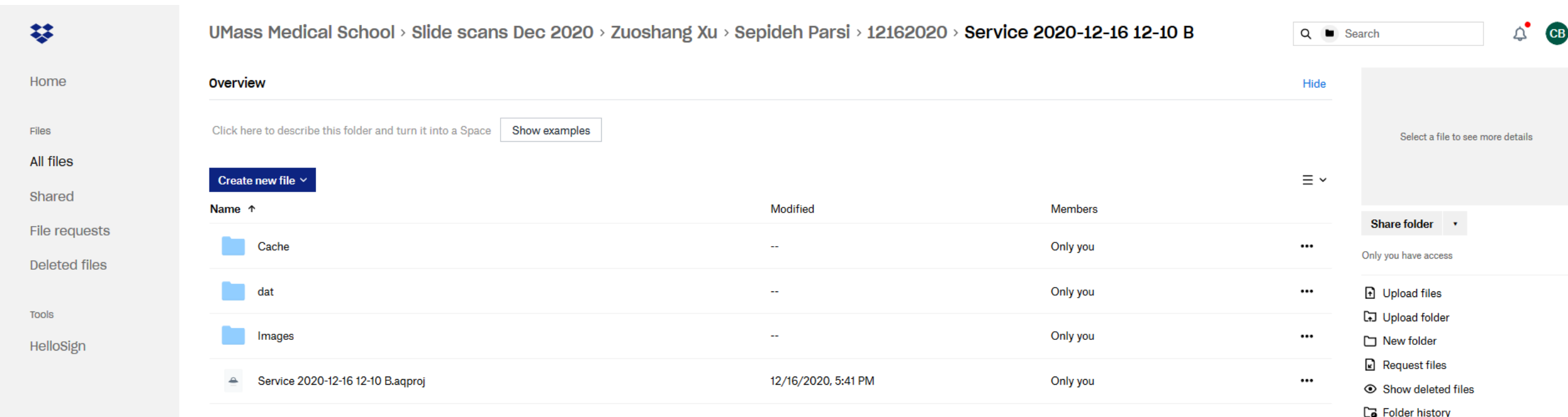
The latest version for the TissueFAXS 200 5.0 viewer, 64 bit

The latest version for the TissueFAXS SL 6.0 viewer, 64 bit

The latest version for the TissueFAXS SL 7.0 viewer, 64 bit (7.0.6245.122)

2. Download your files from dropbox or open the data folder on your external hard drive.

In your data folder, you'll find the .aqproj file and several subfolders. To open your data properly, you need to download ALL files and folders in your data folder. It's best to just download the whole data file to keep the project structure intact.



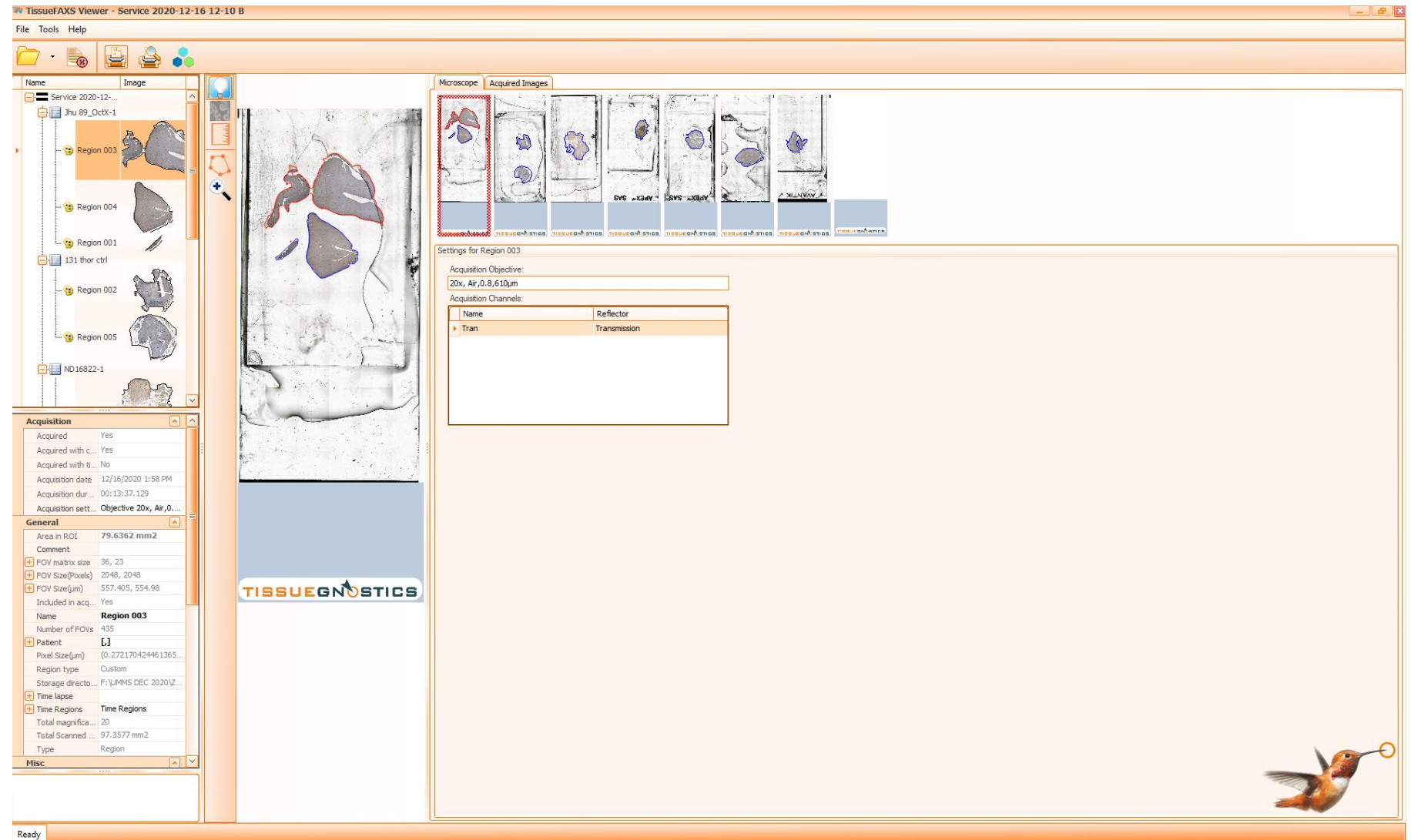
The screenshot shows the Dropbox interface for a folder named "Service 2020-12-16 12-10 B". The breadcrumb path is "UMass Medical School > Slide scans Dec 2020 > Zuoshang Xu > Sepideh Parsi > 12162020 > Service 2020-12-16 12-10 B". The interface includes a search bar, a "Show examples" button, and a "Create new file" dropdown menu. A table lists the contents of the folder:

Name ↑	Modified	Members	
Cache	--	Only you	...
dat	--	Only you	...
Images	--	Only you	...
Service 2020-12-16 12-10 B.aqproj	12/16/2020, 5:41 PM	Only you	...

On the right side, there is a "Share folder" dropdown menu with options: "Upload files", "Upload folder", "New folder", "Request files", "Show deleted files", and "Folder history".

3. Open your .aqproj file in the TissueFAXS viewer

Go to File>Open and select your aqproj file. This file should open in the interface like this:



4. Open the tissue section scan regions by doubleclicking on the section menu at the upper left or by double clicking the sections on the slide previews.

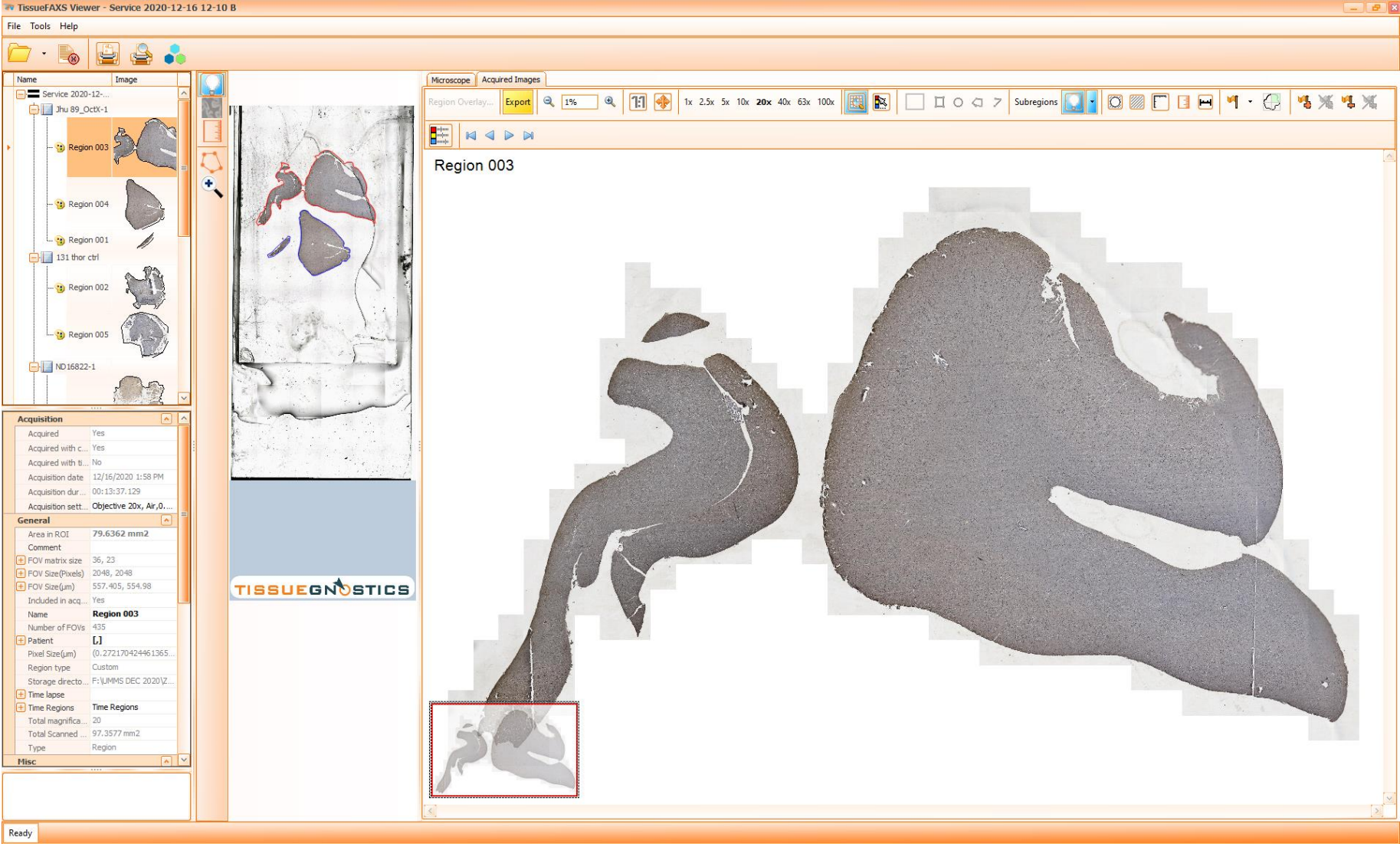
The screenshot displays the TissueFAXS Viewer software interface. The main window shows a tissue scan with several regions of interest (ROIs) highlighted in cyan and blue. The interface is divided into several panels:

- Left Panel:** A file explorer showing a tree structure of scan regions. The regions listed are: Service 2020-12-16, Jhu_89_OctX-1, Region 003, Region 004, Region 001, 131 thor ctrl, Region 002, Region 005, and ND16822-1.
- Central Panel:** A large image viewer showing a tissue scan with ROIs highlighted in cyan and blue. The TISSUEGNOSTICS logo is visible at the bottom of this panel.
- Right Panel:** A settings panel for Region 003. It includes a "Microscope" section with "Acquired Images" and a "Settings for Region 003" section. The "Acquisition Objective" is set to "20x, Air, 0.8, 610µm". The "Acquisition Channels" section contains a table:

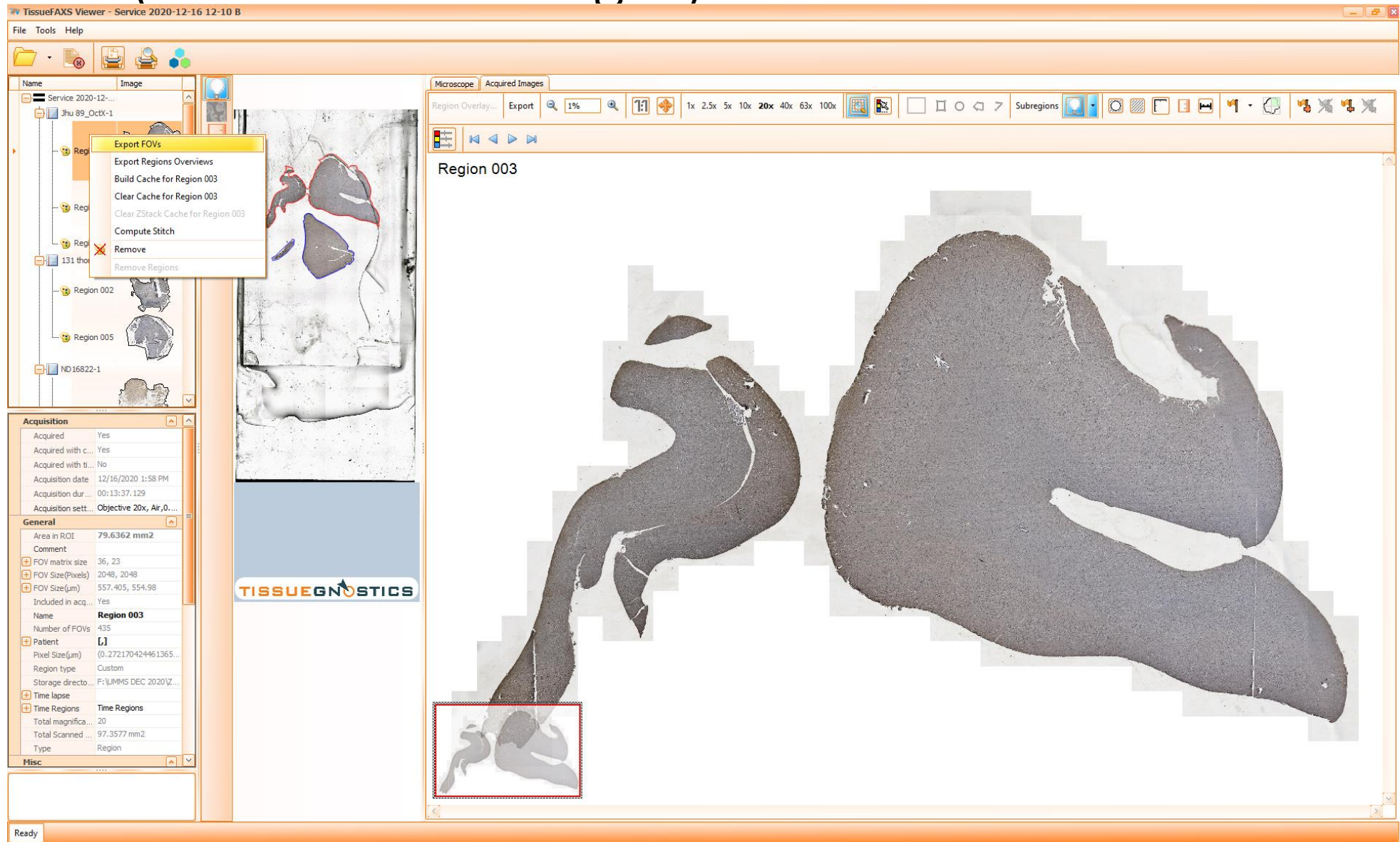
Name	Reflector
Tran	Transmission

The status bar at the bottom left shows "Ready". A small hummingbird icon is located in the bottom right corner of the interface.

5. Export images using the Export button or by right clicking on the region in the upper left sample menu



6. You can either export FOVs (individual tiles) or the region overviews (the stitched images)



7. Region overviews can be exported as different file types and with different sizes to keep the file size manageable

Export Region Overview

Save to folder: C:\Users\TissueFAXS Imager.22\Desktop

Files

Save images

Filename part: [Experiment] Custom Part: [Custom] Extension: tif

Options

Export regions overviews

I want to specify a custom size for images to stitch (percent): 10

Apply Illumination Correction

Results

Region name	Image size (pixels)	Uncompressed size ...	Estimated size (M...	Total Images
Region 003	(Width=6289, Height=3995)	71.882	31.253	1

8. Individual fields of view can also be exported as different file types and at different resolutions.

