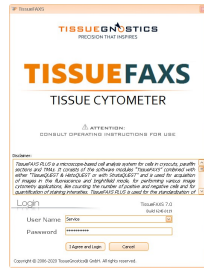
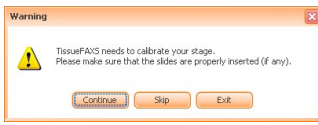
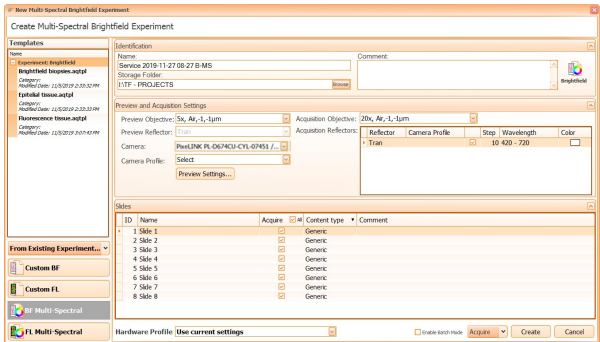
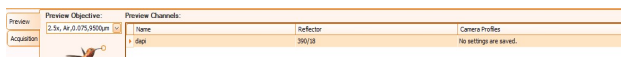
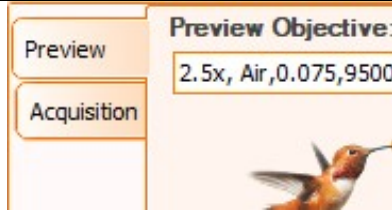
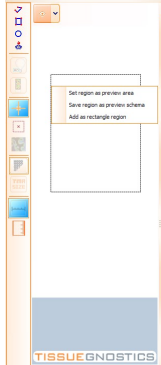

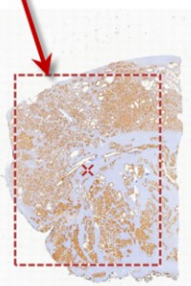

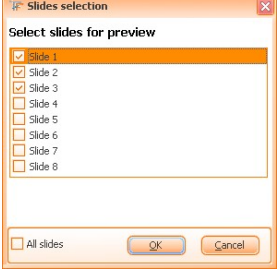
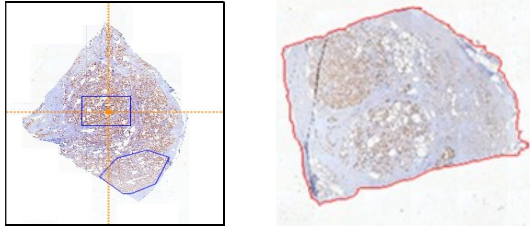


Brightfield Experiments: workflow for preview and acquisition

<p>Login</p>	
<p>Calibrate stage: To start an image acquisition, please choose to calibrate the stage when starting the application.</p>	
<p>! Stage does not move: check stage cables for all their connections. If one is loosened, connect it back and restart the system!</p>	
<p>New Experiment: Custom FI, Custom Bf, from template, from existing experiment. The wizard will guide you through all necessary steps.</p>	
<p>! Project does not create: check writing permission on destination location (partition) on hard disk.</p>	
<p>Settings for a quick preview: Preview Settings can be accessed by clicking on the Preview tab in the upper left corner of the main TissueFAXS window</p>	
<p>Set objective for preview</p>	
<p>Camera setting - basic</p> <ul style="list-style-type: none"> Exposure Time White Balance Saturation Gamma 	<p>Camera setting - advanced</p> <ul style="list-style-type: none"> Frame rate Pixel Addressing Color Temperature Pixel Format

<ul style="list-style-type: none"> • Display Information on Camera • Display Scale bar • Display RGB value 	<ul style="list-style-type: none"> • Resolution • Flip • Rotate Image • Gain • Sensor saturation
<p>Adjust preview area</p> <p>If the preview area chosen in the experiment setup needs to be adjusted, a rectangle can be drawn on the slide, clicking the left mouse button to accept a drawn rectangle.</p>	
<p>Show preview info</p> <ul style="list-style-type: none"> • By pressing Show preview info button () from the slide editor. • By right-clicking on the slide, then – from the contextual menu - choosing Preview → Show preview info. 	
<p>Set/Reset focus point</p>	<p>To change the focus position, right-click on the slide in the desired place and then choose Preview → Set as preview focus point. The point where the right-click was performed becomes the new preview focus point.</p>
<p>Preview</p>	<p>You will be ready to capture a preview image of your slide when you have set up your experiment and adjusted your camera settings for your preview objective. To acquire, press the Preview button () located within your selected slide panel.</p>
<p>Preview multiple slides</p>	
<p>! Preview image does not look like viewed live image: make sure that you press Save button on the camera window after live image has been tuned-up for best visualization.</p>	

<p>Draw/Autodetect regions</p>	
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! Default detection is not precise: tune-up detection parameters, so that you obtain the best results of detection for regions

! TMA detection does not work as expected: make sure the project or slide type is TMA. Generic type projects are not fit for TMA detection rules.

<p>Acquisition</p> <p>Finish Acquisition</p> <p>Acquire All</p> <p>Select Items to Acquire</p> <p>Preview & Acquire</p>	
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<p>Acquisition Settings</p> <p>Objectives</p> <p>Camera Settings</p> <p>Experiment profile (if needed)</p>	
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! Acquired images does not look like viewed live images: make sure that you press Save button on the camera window after live image has been tuned-up for best visualization.

<p>Choose acquisition type: Standard acquisition or Time Lapse acquisition</p>	
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For more details please consult *TissueFAXS User Manual*.