Confocal Application Notes
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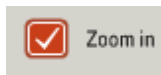
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New Live Tools in LAS AF
(From version 1.5.0 Build 767 and later)

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In this July issue of our Application Notes, we are going to describe tools which can be extremely useful while scanning live.
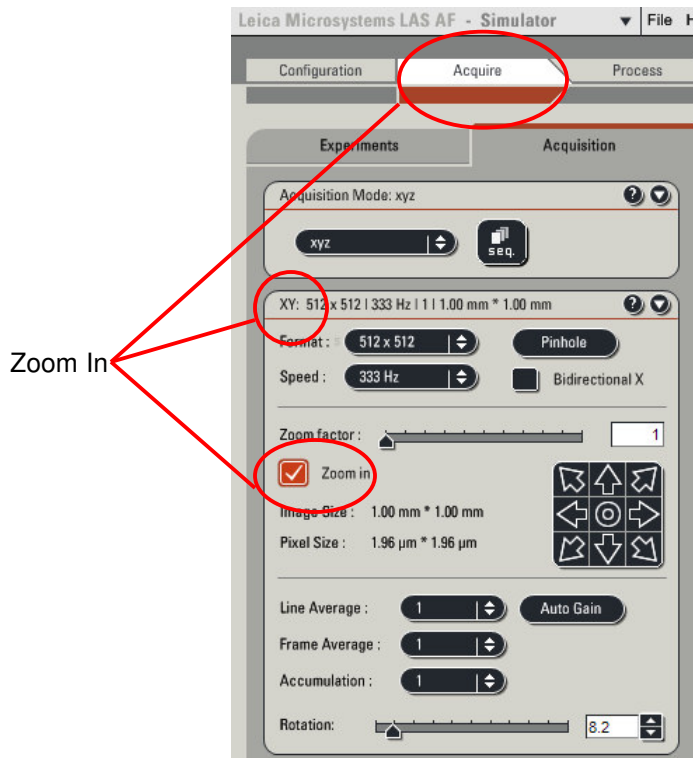
- **Zoom In:**

This tool let you zoom in while in Live scanning. You can then recenter your scanning field if needed and zoom in the region of interest at will.

1- The "Zoom In" tool is accessible from the Acquire window as described below It can activated before or during Live scan.

⇨**Acquire** ➔**Acquisition** ➔ **XY** (drop down window) ➔ **Zoom In**

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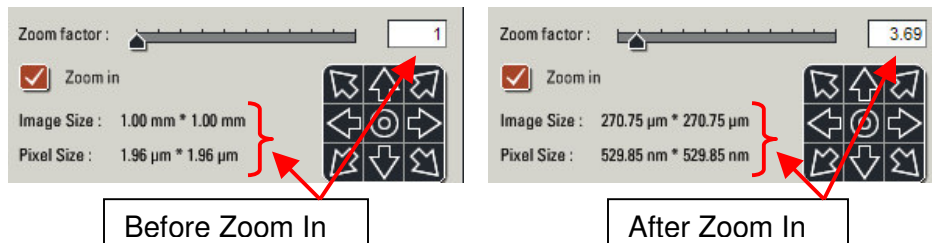Toll Free 866-830-0735
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2- Once activated and while you are in Live scanning Mode, you can draw a Region of Interest (ROI) in the field you need to zoom in.

The ROI will delimit the new field of view and will zoom in automatically. The new Zoom Factor will be automatically noted as well as the new image dimensions.

If your Panel Configuration is setup with an active Zoom knob then the new Zoom Factor will be displayed as well too.

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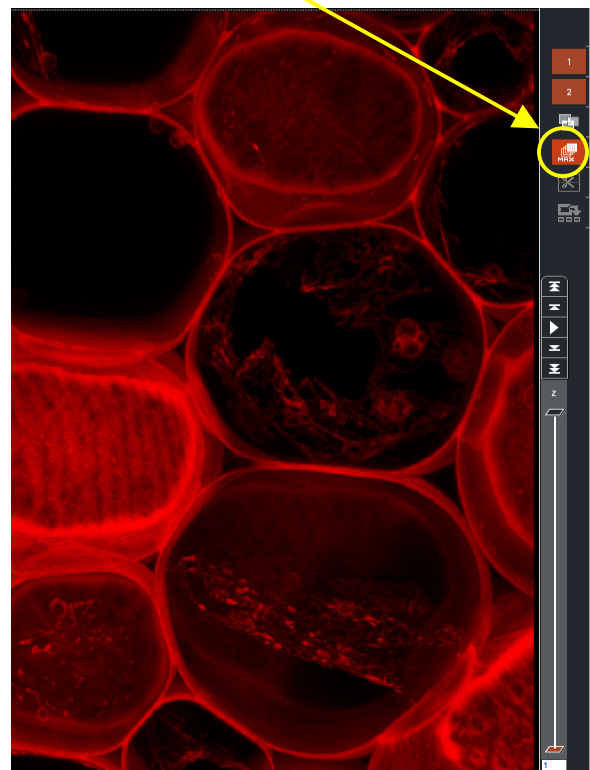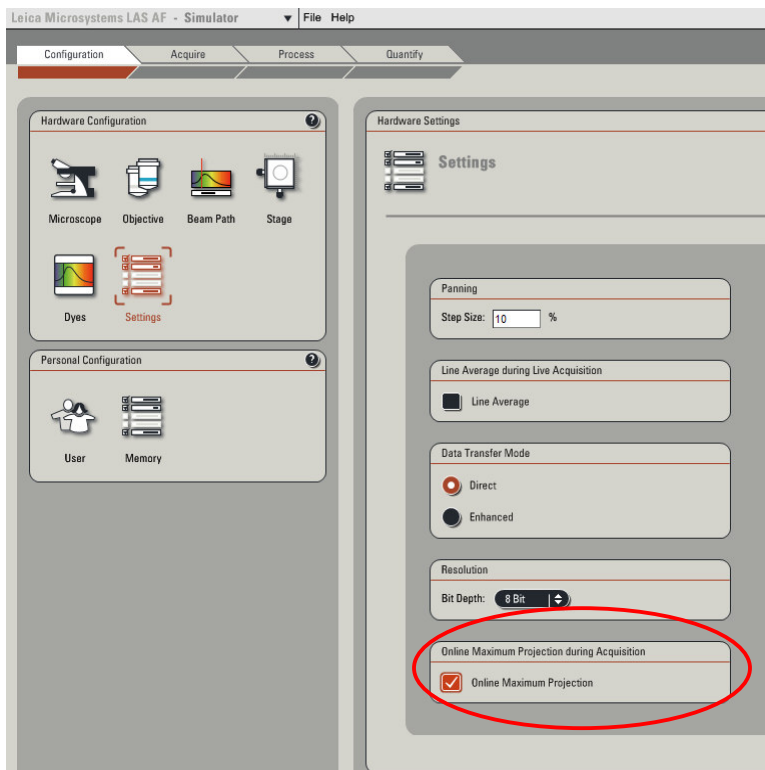www.confocal-microscopy.com

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- ## **Online Maximum Projection:**

A Maximum Projection is now possible to view during data acquisition. This tool is useful while recording big z-stacks for instance, or when there is discrete cell movements in live cell recording.

⇨**Configuration** ➔**Settings** ➔ **Online Maximum Projection**

Online Maximum Projection tool will need to be _activated before acquisition_ of the z-stack.

While acquiring the z-stack, click on [MAX] in the viewer screen to visualize the maximum projection of the live scanning z-stack.

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- ## **Best Focus:**   Best Focus   **Fast search of the focal plan**

⇨**Acquisition** ➔**Best Focus**

By clicking on Best Focus, a search mode is triggered to find the best focal plan.
This is based on:

- The image acquisition at different z-levels,
- The resulting image intensity per plane.

When activated, the Best Focus tool will trigger image scannings at different z-plans. Once the search is done, the best focus position will **automatically** be displayed.