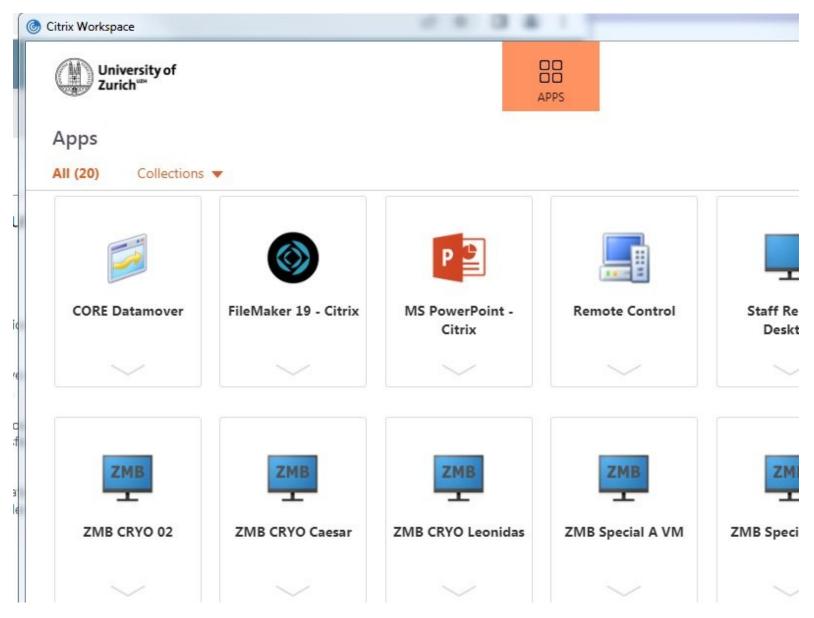


# Olympus Spinning Disk and ScanR -Datamover

How to save and transfer data (multipositions, timelapses or large volumes) on the Olympus spinning disk (Y42-H-83) / Olympus ScanR (Y24-F-14) ZMB, UZH.

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## INTRODUCTION

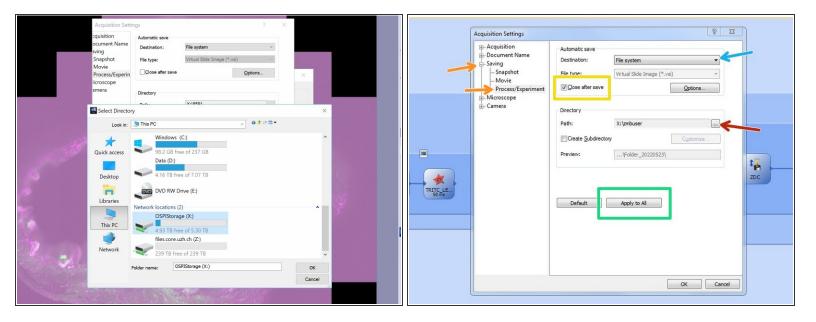
For acquisition of large data sets (e.g. multipositions, timelapses or large volumes) it is recommended that you use the available X: (cache) drive. By doing so acquisition and saving is not limited by the network speed. Transfer of the files can be initiated through our Data Mover solution.

### Step 1 — Acquisition settings

Close All		ZDC Control	ion Well Navig	ation Processing	Count and Me	easure Reporting Layout
		Single shot ZDC mode 🛛 🗸 🗸		405nm 🖏 SR Live Do		
\lambda Laser/LED Combiner		Find offset				150.5
405 nm 0		Find focus	Þ 🖱 🕶	Adjust Display		Experiment Manage ? # :
445 nm 0		Offset: 156.9 🖕 µm	^	Histogram	• • € [∠ []	Live C C C C C C C C C C C C C C C C C C C
488 nm		Dichroic Mirror:				New Opens the Acquisition Settings dialog
514 nm 0		Device Units				Experiment Ame:
561 nm 0		DIX3 Mirror		0.10 0.20 0.30 0.40 0.50 0.60 ≪	0.90 0.80 0.90 °	Experiment Total duration: 00:00:00
640 nm 0	~	Free V		Min: 0	Max: 255	Online navigation
<	>	Experiment Manager		Pixel Count:	0.00	Append time lapse loops
				Fixed Scaling	Right:	Lock devices and experiment

- Open the "Experiment Manager" tab on the bottom right.
- Define where your data will be saved by clicking on the "Acquisition Settings" icon .

#### Step 2 — Acquisition Settings



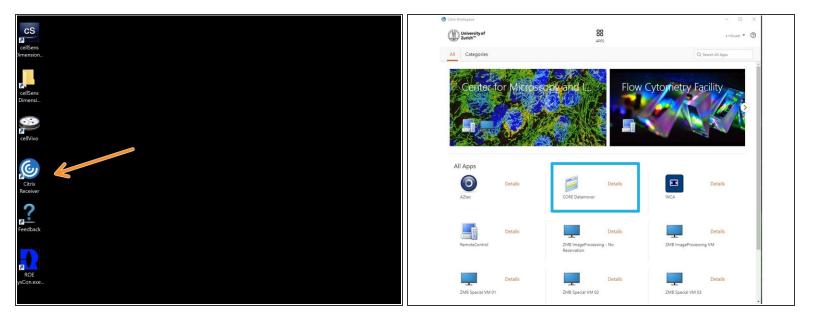
- Go to "Saving"<"Process Experiment".</li>
- Choose file system as "Destination".
  - Olympus Spinning disk: choose OSPIStorage (X:) and enter your personal data folder.
  - Olympus ScanR: Choose automatic\_transfer (X:)
- Select "Close after save".
- Finally press "Apply to All".

## Step 3 — Acquisition settings: naming experiments

Acquisition Settin	ngs		?		×	
Acquisition	Automatic save					
-General -Automatic E	Destination:	File system		~		
Automatic N	File type:	Tagged Image File Form	nat (*.tif)	~		
-Manual MIA	Close after save		Options			
Autofocus				_		
-HDR -Experiment	Directory					
Movie	Path:	Z:\data\z.mbuser		]		
Document Na     Saving	eate Subdirector	/	Gustomize	4		
Snapshot	K	\Folder 20190514\		-		
Movie	Preview:	\Folder_20190514\				
Process/Exp Microscope						
Camera						
	Default	Agaly to All				
	Delauit	ALL TO ALL				
< >		_			-	
			OK	Cano	el	

- When acquiring multipositions you can custom define the naming of your files/ experiments.
  - You can change file naming here.
  - Or create subfolders containing each well ID e.g.
- To set up an experiment go to <u>Olympus Spinning Disk - 2:</u> <u>Multichannel + Z-stack acquisition</u>

#### Step 4 — Datamover - Transfering your data



• You can now set up your experiment and acquire your data.

↑ Once you are done, please remove your sample and clean the microscope appropriately.

- Close the cellSens software.
- Open Citrix workspace directly on the computer.
  - Optional You can also access Citrix from your own computer provided you have installed the Citrix client). Check out <u>How to section</u> for more info.
- Select the "CORE Datamover" icon.

## Step 5 — Datamover - Transfering your data

ollections 💌	<ul> <li>Select the option "Olympus Spinning" disk or "Olympus ScanR"</li> </ul>
mover FileMake CORE_datamover (FMPROD02) - C X FileMake CORE automatic datamover Select Data Mover Project Folder esktop	<ul><li>accordingly.</li><li>You will receive a confirmation email within 15 min.</li></ul>
Apreo GE inCell Leica Thuder Olympus ScanR Olympus Spinning Disk Fermiliter Vena Lotans Sildescanner Talos Visitron Spinning Disk Zeiss Lightsheet	<ul> <li>Additionally you will receive an email once the transfer has started and another once it ends.</li> </ul>
Exit	Finally your data will be available on you Core date folder.