Opening LIF files with FIJI

**Stack viewing**
- View stack with: Hyperstack
- Stack order: XYCZT

**Metadata viewing**
- Display metadata
- Display OME-XML metadata
- Display ROIs

**Dataset organization**
- Group files with similar names
- Open files individually
- Swap dimensions
- Open all series
- Concatenate series when compatible
- Stitch tiles

**Color options**
- Color mode: Grayscale
- Autoscale

**Memory management**
- Use virtual stack
- Specify range for each series
- Crop on import

**Split into separate windows**
- Split channels
- Split focal planes
- Split timepoints

**Information**
- View stack with - The type of image viewer to use when displaying the dataset.
- Possible choices are:
  - **Metadata only** - Display no pixels, only metadata.
  - **Standard ImageJ** - This option is deprecated (i.e., intended for use by old macros only). Please use Hyperstack instead.
  - **Hyperstack** - Display the pixels in ImageJ's built-in 5D viewer.
  - **Data Browser** - Display the pixels in LOCI's multidimensional Data Browser viewer. The Data Browser has some additional features on top of the normal ImageJ hyperstack.
  - **Image5D** - Display the pixels in Joachim Walter's Image5D viewer. Requires the Image5D plugin.
  - **View5D** - Display the pixels in Rainer Hainzmann's View5D viewer. Requires...

**Novices:** use these default settings and click OK
Opening the LIF file displays the individual image files:
Tick the one you want to open and click OK
(large files will take longer to open)

- Series 1: Mark and Find 001/Position1001: 1024 x 1024; 1200 planes (2C x 25Z x 24T)
- Series 2: Mark and Find 001/Position2002: 1024 x 1024; 1200 planes (2C x 25Z x 24T)
- Series 3: Mark and Find 001/Position3003: 1024 x 1024; 1200 planes (2C x 25Z x 24T)
- Series 4: Mark and Find 001/Position4004: 1024 x 1024; 1200 planes (2C x 25Z x 24T)
- Series 5: Mark and Find 001/Position5005: 1024 x 1024; 1200 planes (2C x 25Z x 24T)
- Series 6: Mark and Find 001/Position6006: 1024 x 1024; 1200 planes (2C x 25Z x 24T)
With a set of 3D or 4D data open: Z project to make a reconstruction

For a start use a maximum intensity projection

Other choices....

Using FIJI (Image J) to make 3D/4D reconstructions