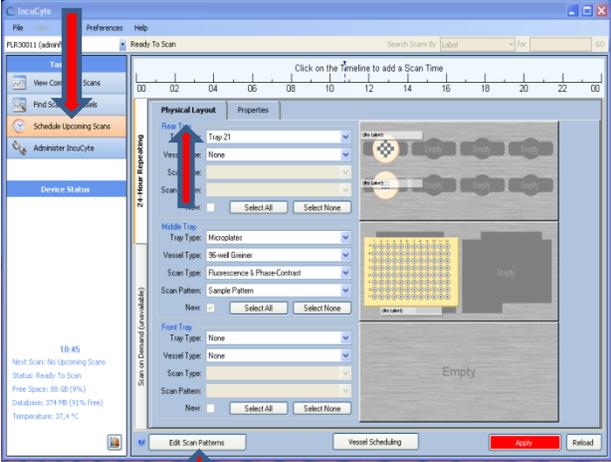
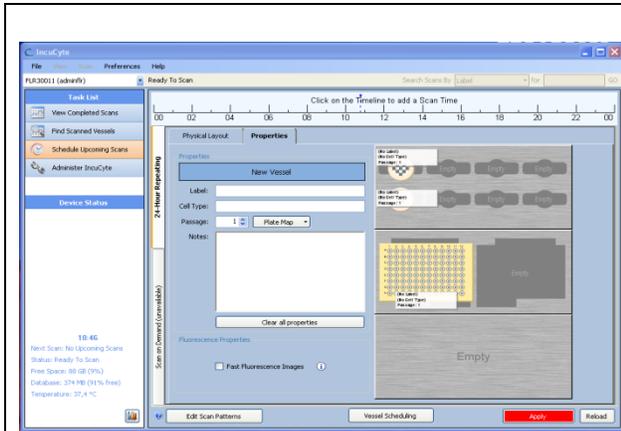
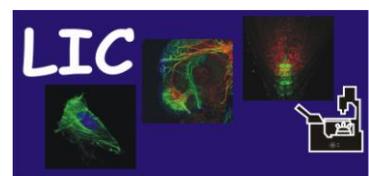
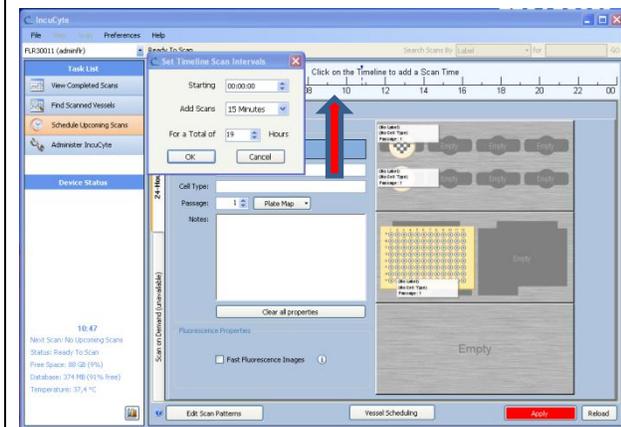


Operating Instructions IncuCyte FLR

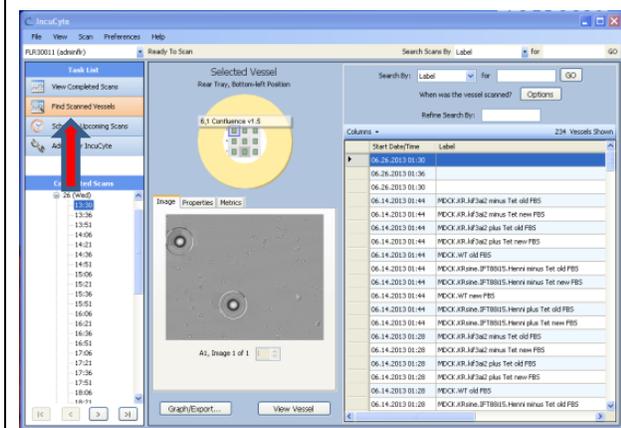
| | |
|--|--|
|  <p>The 'Open Connection' dialog box has a blue header with a refresh icon and a close button. It contains two radio buttons: 'Connect to an IncuCyte' (selected) and 'Browse to an Archive'. Below is a 'Device Name' dropdown menu showing 'FLR30011'. At the bottom are 'Open Device' and 'Cancel' buttons.</p> | <p>Before you start your first session on the IncuCyte please come to our office to get your own user account.</p> <p>The IncuCyte software is installed at the Analysis 010 computer in the computer room (EG 00.041).</p> <p>Double click on the icon and then <i>Connect to an IncuCyte</i> by choosing FLR30011 and then <i>Open Device</i>.</p> |
|  <p>The 'Login to FLR30011' dialog box has a blue header with a refresh icon and a close button. It contains the text 'Please Enter your User Name and Password'. Below are two text input fields for 'User Name' and 'Password'. At the bottom are 'Log In' and 'Cancel' buttons.</p> | <p>Now you are connected to the IncuCyte.</p> <p>Please insert you <i>User Name</i> and your <i>Password</i> and press the <i>Log In</i> button.</p> |
|  <p>The main IncuCyte software interface is shown. A red arrow points to the 'Schedule Upcoming Scans' button in the left sidebar. Another red arrow points to the 'Physical Layout' window, which has a 'Tray 21' dropdown and 'Vessel Type' and 'Scan Pattern' dropdowns. A third red arrow points to the 'Edit Scan Patterns' button at the bottom left.</p> | <p>In the <i>Schedule Upcoming Scan</i> you find all available trays.</p> <p>In the <i>Physical Layout</i> window you can add the <i>Tray Type</i> and the <i>Vessel Type</i>. For further information please look at the end of this manual.</p> <p>You can add a <i>Scan Pattern</i> and choose between <i>Fluorescence</i> and/or <i>Phase Contrast</i>.</p> <p>If you want to create a new scan pattern, please click <i>Edit Scan Patten</i> at the bottom left in this window.</p> |



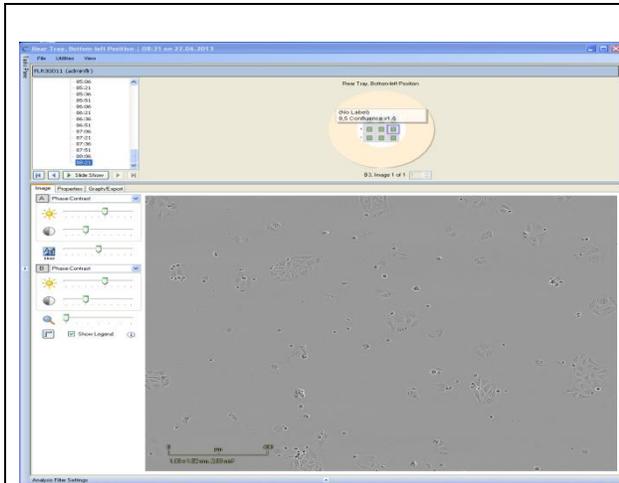
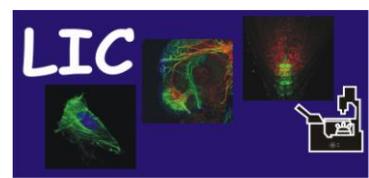
In the *Properties* window you can write label, cell type and other notes.



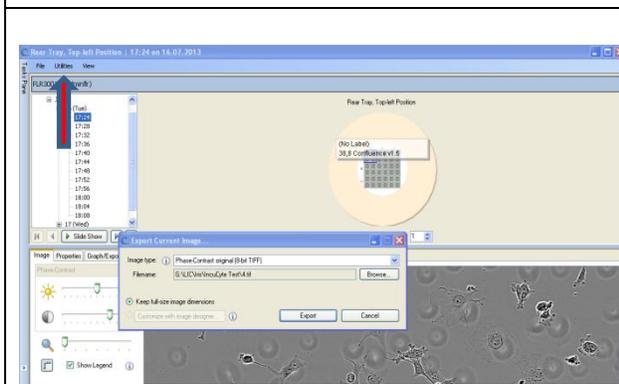
If you right click in the time line a new window is coming up (Set Timeline Scan Intervals) where you can define the time series. Choose the starting time, with add scans you can define the interval between the scans and you can set up the total time. Now click the *Apply* button and the experiment will start.



With the *Find Scanned Vessels* window you can find your running or old saved experiment on the right side. Click on the experiment you want to look at and every time point is shown on the left side.



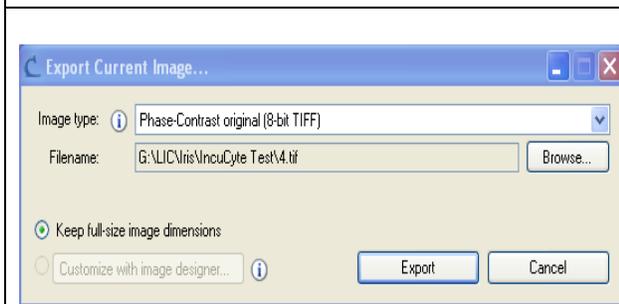
If you click to view vessel, you have the Overview of every field of view you activated in the vessel. You can also adjust brightness and Contrast.



To export your data you have different options. Please activate under **Task List** the **View Completed Scans** and click to **View Vessel**.

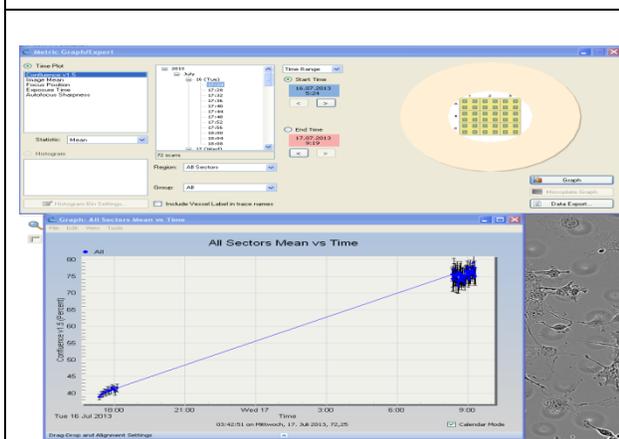
In the upper line you find File, Utilities and Help.

With **Utilities** you can decide if you want to export one single image, a movie or you can archive your data.

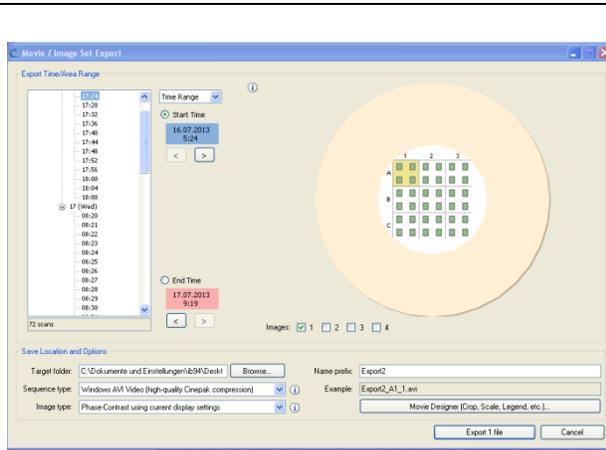
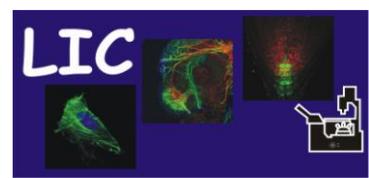


With **Export Current Image** you can export a single image. Choose 8bit TIFF and browse to a Filename.

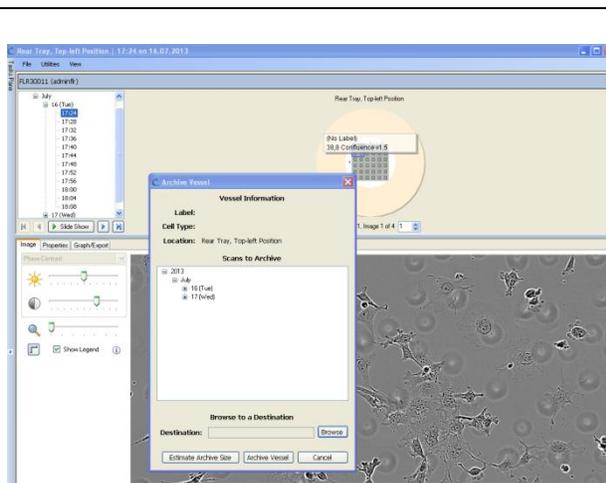
Click **Export**.



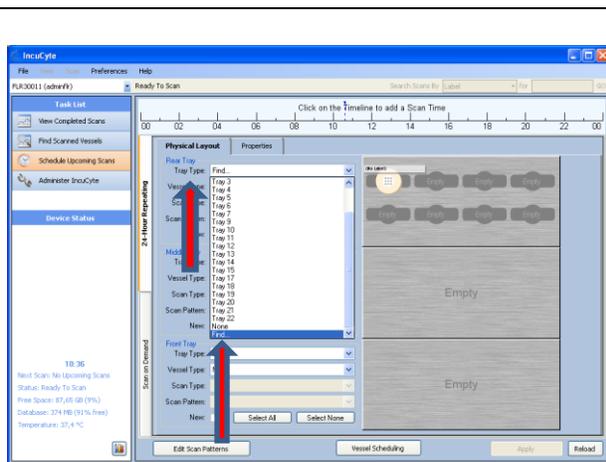
With **Utilities** and **Graph/Export** you can export different kinds of graphs for example a confluence graph.



With **Utilities** and **Movie/Image Set export** you can export a time series. Activate the start point and the end point, browse to a folder where you can store your data, choose under **Sequence Type** the **Windows AVI Video (high-quality Cinepak compression)**. You have to add a file prefix name and click on **Export File**. Open this file with the Windows Media Player.



To archive your experiments please select **View Completed Scans** in the **Task List** and click **View Vessel**. In **Utilities** you find **Archive Vessel**. Here you can select which time points or experiments you want to archive. With browse you give the destination where the data are archived. At last click **Archive Vessel**.



To select the correct Vessel Type select the **Tray Type** pull down window and go to find.

A new window shows all types of flasks, plates, dishes and slides.