

Today you receive the last Scope-Newsletter of this year. Concisely as always, you will again find out important news and beneficial tips all around ProgRes® digital microscope cameras. Amongst others we will explain our unique Focus-Help to you which will be a tremendous help tool for your daily work. And we are glad to inform you that our software runs on Apple Macintosh OS X Leopard. Enjoy reading!

### Focus-Help

While working with a digital ProgRes® microscope camera you get to focus exactly in full pixel resolution. Right here ProgRes® offers the easiest solution:

For illustration we will elucidate this example to you referring to our ProgRes® C5 with 5 mega pixel resolution. In order to focus in full sensor resolution the camera would have to read out and display the full range of image information available. Doing so two major issues will come up. First of all, conventional TFT displays usually are smaller than the required resolution of 2580x1944 pixels. Secondly, the large amount of data would easily exceed the computing power of modern desktop computers. Aside from these irrevocable facts such large live images can only be displayed at rather slow frame rates per second (fps). This cannot be in your interest as it slows down your daily work, or holds you from working at all.

But ProgRes® sorted out this problem for you.

With one single click on the *Focus-Help* icon you will see a small frame in the preview image. At the same time the details inside this frame are displayed in the upper left of the software in full pixel resolution - in the case of our ProgRes® C5 with full 5 mega pixel resolution.

You as the user simultaneously double your benefit. First you set a lower live image resolution in order to achieve maximum frame rates. This enables you to do your daily work in a fluent and convenient way as the eyestrain is kept to a minimum too.

On the other hand our unique *Focus-Help* is the easiest opportunity to exactly focus using the highest resolution possible – this is essential as only high quality images deliver optimum results.

### Fluorescence-Mode

Out of numerous talks with our customers and dealers in the past few weeks we have been told that especially one particular feature with the revised fluorescence mode causes a furor and ought to be explained again in detail in our latest newsletter:

Besides the ability to automatically color and merge numerous single monochrome images the current version of the ProgRes® CapturePro Software now also offers the feasibility to merge the single shots with a conventional bright field or DIC image of your sample.

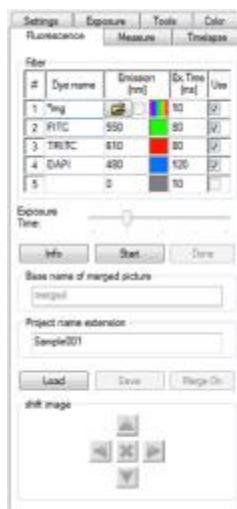
Such an image may either be captured prior to the start of a new fluorescence project (.flp). Then it can be loaded into a session.

Additionally, and really this is what makes the ProgRes® fluorescence

mode outstanding, this image can be acquired during a running fluorescence session.

So as to take advantage of this feature it is only necessary to type in a star „\*“ followed by an image name of your choice. This needs to be inserted into the column „Dye name“ of the ‚Fluorescence‘ register tab. During the final image capture procedure the software will integrate this particular image, and an advice according to this situation will remind you to carefully adjust the microscope and the exposure time.

All the single images you may have selected can now be acquired consecutively. The image gallery will open after the last image has been captured. Then the final multi-fluorescence image is obtained.



### ProgRes® in action

ProgRes® MF<sup>cool</sup> cameras are a part of a big project in Mainland China. Several hundred cameras together with Olympus microscopes, IMSTAR analysis software and fluorescence dyes made by GPMedical are sold to governmental hospitals all over China under support of our local ProgRes® distributor NatureGene Corporation, Beijing. The first systems have already been successfully installed. The customers are very satisfied with the quality of the ProgRes® cameras and the easy integration into their laboratory environment. Our distributor NatureGene Corporation carefully manages the complete project and is optimistic concerning future business in this field.

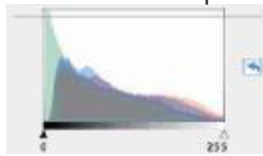
## ProgRes® MAC CapturePro Software 2.5.1

As one of the very few well established manufacturers of high quality digital microscope cameras we also offer easy to use software for all cameras running on Apple Macintosh computers. The current version 2.5.1 is available for free download at <http://www.progres-camera.com/microscope-camera/downloads.html>.

This software suite supports each ProgRes® microscope camera (CT3, C3, C5, CF series, MF series, C14*plus*) operating on OS X 10.4.10 and also on the OS X 10.5 Leopard, which has just been published by apple a few days ago.



The automatically opening of the image you have just captured in a 3rd party software of your choice, e.g. Adobe® Photoshop®, is one very interesting feature of the ProgRes® MAC CapturePro. The so-called Auto-Open function replaces the Twain interface known from Windows based systems. Besides this particular feature the ProgRes® MAC software comes up with a Live-Histogram and the modules Timelapse, Measure and Fluorescence which are known from the Windows PC version.



## ProgRes® website

For 4 weeks our revised website has been online at <http://www.progres-camera.com>, waiting for you as our valued visitors.

We adjusted our appearance according to the corporate design and now display our cameras at much greater extend. Besides adjuvant information about selected applications you find the most important technical data with just a few clicks. Also the download area has been reworked. As a matter of course you can use your existing username and password to log-in. We are ready to develop and complete our websites for you – so you are welcome to submit any kind of feedback concerning information you consider as useful and wish to be integrated online! We are looking forward to your ideas!

## ProgRes® at Latin American exhibition for the first time

During September, as a part of the official German Pavilion, our ProgRes® cameras have been displayed at the Analitica Latin America exhibition in Sao Paulo for the first time. A large number of visitors expressed high interest in the high-valued cameras, which convinced them with the perfect, true color reproduction and the easy operation. The basis for the extension of the ProgRes® sales network in South America had been created. We are looking forward to the future cooperation with our new sales partners in this emerging and promising market.

Right now, as you are holding this newsletter in your hands we are at your disposal at the Neuroscience exhibition. Please visit us in the time of November 3 to 7, 2008 in San Diego, CA, USA.

In 2008 we are continuing with our presence at important trade shows all over the world. Some dates and venues are booked already, and we would very much like to welcome you at these shows to demonstrate our cameras to you in full action.

## ProgRes® exhibitions in 2008

### ArabHealth 2008

January 28 – 31, 2008  
Dubai International Exhibition Center,  
UAE

### ArabLab 2008

February 10 – 13, 2008  
Hall 7/8, Booth# 165  
Dubai International Exhibition Center,  
UAE

### PITTCON 2008

March 3 – 6, 2008  
New Orleans, LA, USA  
Ernest N. Morial Convention Center

### ANALYTICA 2008

April 1 – 4, 2008  
Munich, Germany  
Neue Messe München

### Control 2008

April 22 – 25, 2008  
Stuttgart, Germany  
Neue Messe Stuttgart

### GPEC – General Police Equipment Exhibition 2008

June 03 – 05, 2008  
Munich, Germany  
Neue Messe München

## ProgRes® - dictionary

„I“ as Imaging Module

The ProgRes® Imaging Modules are especially designed for system integrators and OEM customers. Thereby the Imaging Modules 3.3, 5.0, 1.4M/C, 1.4M/C*cool* and 11M/C not simply offer best image quality in color and monochrome as you can demand. Features like excellent electronics with analogue gain, cooling featuring Peltier element and a nitrogen-flushed sensor capsule and a high digitization are the very base foundation of the Imaging Modules, resulting in credible image analysis.