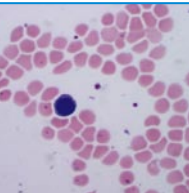# Making Quality affordable.
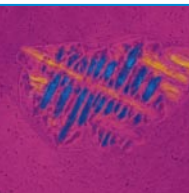
## ProgRes® in Microscopy.

**Routine:**          **Prog**Res® C10$^{plus}$, C12$^{plus}$

- · Large field of view in highest resolution
- · with excellent color reproduction
- · in 12bit digitization
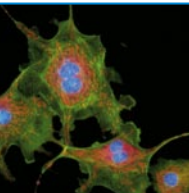- · for documentation and archiving purposes.

**Research:**      **Prog**Res® CF, CF$^{cool}$, CF$^{scan}$, C14$^{plus}$

- · Sophisticated Microscanning &
  Color-Co-Site Sampling Technology
- · achieving up to 12.5 Megapixel images
- · with high information depth
- · suitable for challenging contrast methods and
  low magnification stereo microscopy.
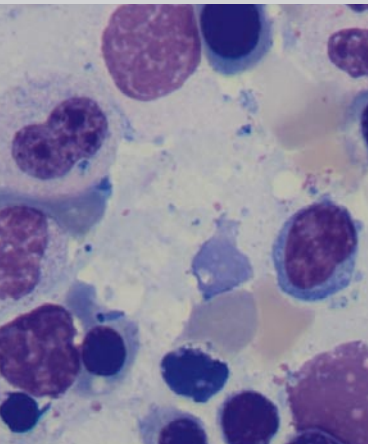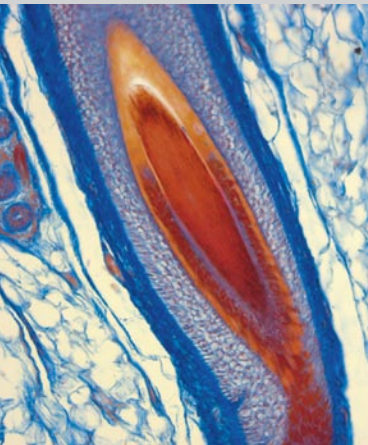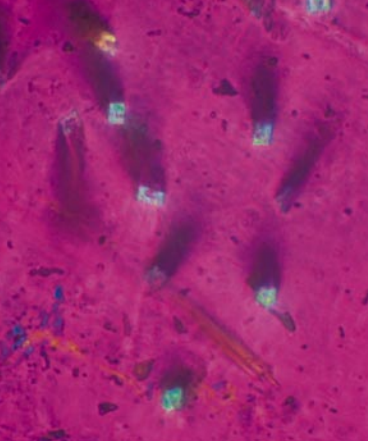
**Fluorescence:**      **Prog**Res® MF, MF$^{cool}$, MF$^{scan}$

- · Cooled monochrome cameras
- · with high speed live image
- · and 14bit ADC
- · for sparing treatment of your specimen
  in low light applications.

**Prog**Res®

## ProgRes® Capture Software – Features

**Multi-Fluorescence Mode**
· Define up to 5 different color filters.
· Capture monochrome images and have them colored automatically.
· Use the image merging to generate multi fluorescence images.
· Black balance to avoid autofluorescence.

**Monochrome Mode**
· Work with all color cameras also in monochrome mode.
· All advantages of color imaging and fluorescence microscopy are available.

**Shading correction**
· Conveniently apply black shading (reduce dark current) as well as a white shading (homogeneous light) to live and captured images.
· Flatfield correction and background subtraction options available.

**Measurement Tools**
· Calibrate your camera to the microscope.
· Display calibration bar and measurements in the live image.
· Store your measurements with the captured image.

**Programmable Resolution**
· Choose from a wide variety of different camera resolutions for both the live and the captured image.
· Use the benefit of adopting your camera resolution to your microscope resolution.

**Gallery**
· The captured images can be displayed in an image gallery.
· Select, delete, rename or replace the images according to your needs.
· Complete image sessions can be loaded into gallery.

**Multi-Camera Operation**
· Connect up to 5 ProgRes® cameras to one computer.
· Conveniently choose the desired camera at program start or switch between different cameras within the software.

**Increased Image Display Functionality**
· Profit from a ROI function in full pixel resolution for increased frame rates and convenient focusing.
· Simply rotate live and captured images.
· Adjust red, blue and green color values already in the live image.
· Take advantage of perfect image quality by using white balance as well as black balance functions adjusted especially for fluorescence microscopy.
· Also benefit from gamma, contrast, brightness and saturation adjustments in the live image.

## ProgRes® – Third Party Drivers

| Company | Software |
| --- | --- |
| Clemex | Captiva · Vision Lite · PE |
| dhs Dietermann & Heuser Solution GmbH | dhs Bilddatenbank |
| Imagic | ImageAccess · Easy Lab |
| IMTechnology | iSolution Lite · i-solution · iSolution DT |
| Media Cybernetics | Image Pro Series |
| Norpix | StreamPix |
| Soft Imaging System | analySIS · a4i |
| VideoTesT | Software for Medicine & Biology · Genetics · Material Sciences |

**Prog**Res® C10 *plus*

**Prog**Res® C12 *plus*

**Prog**Res® CF

**Prog**Res® CF *cool*

**Prog**Res® CF *scan*

**Prog**Res® C14 *plus*

**Prog**Res® MF

**Prog**Res® MF *cool*

**Prog**Res® MF *scan*