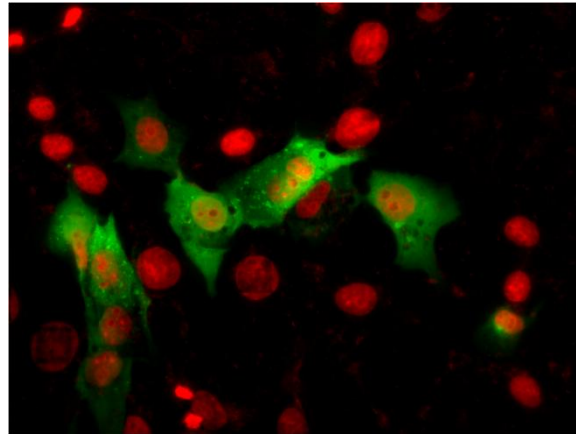
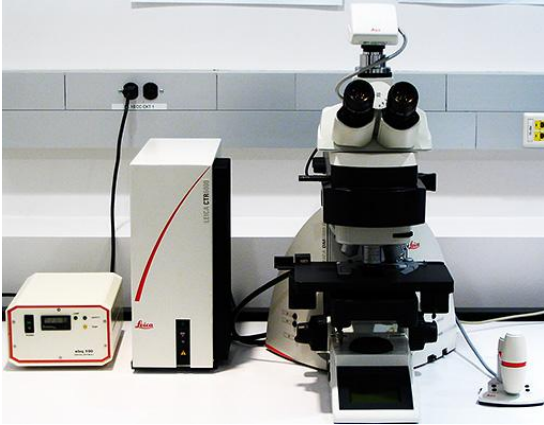


Leica DM6000



Vero cells transfected with a plasmid encoding IRF7, then stained for IRF7 using a mouse monoclonal antibody and Alexa 488-goat anti-mouse. Nuclei stained with Hoechst 3442. Image courtesy of Larry Leung, [Chris Basler Lab](#).

This is an upright epi-fluorescence microscope controlled by InVivo software (Media Cybernetics, Inc.) and has a Leica DFC350 FX camera for capturing fluorescent dyes in multicolor fluorescence applications. It has air lenses up to the 63x range, thus providing a simple, clean, and fast solution for imaging standard slides with fixed cells. It can perform transmitted light imaging techniques such as polarized light and DIC, and it utilizes a motorized stage for automated montage imaging.

Fluorescence Filters

Fluorophore	Excitation	Beam split	Emission
DAPI	BP 360/40	400	BP 470/40
GFP	BP 470/40	500	BP 525/50
FITC	BP 480/40	505	BP 527/30
Rhodamine	BP 546/12	565	BP 600/40
Cy3	BP 545/30	565	BP 610/75
Cy5	BP 620/60	660	BP 700/75

Objectives

Magnification	Immersion	NA
1.25x	Air	0.04
5x	Air	0.15
10x	Air	0.3
20x	Air	0.5
40x	Air	0.85
63x	Air	0.9
100x	Oil	1.4