

# Inverted Fluorescence Microscope

## Description

Leica DMI3000B ([More details](#))  
with perfusion system ([More details](#))

## Location

Rm510A, Biotech Centre 1

## Features

### ***Imaging options***

- Supports bright field, phase contrast, and Differential Interference Contrast (DIC)
- Available fluorescence filter cubes: TRITC, FITC/GFP, DAPI
- CCD color camera (5 mega pixels)

### ***Differential Interference Contrast (DIC)***

- Improved contrast results in lower resolution and vice versa
- Offers special prism combinations for viewing thick, and especially thick and thin specimens

### ***Intermediate Modulation Contrast (IMC)***

- Perfect imaging for specimens in plastic dishes with bright-field objectives with an intermediate interpupillary interface
- Ideal for unstained and low-contrast biological specimens

### ***Intermediate Phase Contrast (IPH)***

- With the use of bright-field objectives for phase contrast
- No special objectives outfit with phase rings required

### ***Perfusion system***

- Avoid vibrations from switching liquid by hand
- Valve switching is accurate to 0.01 seconds with programs up to 99 hours long

## Applications

- Live cell imaging
- Microinjection when coupled to micromanipulation and injection system
- Physiological change investigation with perfusion system

## Contact

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