**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 think, and especially think 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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