

# Technical Specifications – High-speed *in vivo* system (Leica)

- **Objectives:**

- 10x/0.30 HC PL FL -/D 11.0. Brightfield (BF) and Nomarski (DIC)
- 20x/0.40 HCX PL FL L CORR 0-2/C,6.9. Brightfield (BF) and Nomarski (DIC) and PH virtual
- 40x/0.60 HCX PL FL L CORR XT 0-2/C. Brightfield (BF) and Nomarski (DIC)
- 40x/1.25-0.75 HCX PL APO Oil CS. Brightfield (BF) and Nomarski (DIC)
- 63x/1.40-0.60 HCX PL APO Oil,Lbd.BL. Brightfield (BF) and Nomarski (DIC)
- 100X/1.40-0.70 Plan Apo. Brightfield (BF) and Nomarski (DIC)

- **Other Objectives to be requested:**

- 20x/0.70 HC PL APO. Brightfield (BF) and Nomarski (DIC). Ideal when using Fura-2

- **Fluorescence Filters:**

- Filtersystem B (BP 404/20)/G (BP494/20)/R (BP 576/20); HP; size "K"  
Emission B (457/22)/G (530/20)/R (628/28)
- Filtercube, YFP, HP;"K" (BP 500/24 Q 520 BP 542/27)
- Filtercube,spec., "CFP",HP,FF458,size"K" (BP 438/24 Q 458 BP 483/32)
- Filtercube CY5 (HQ 620/60x Q 660 LP HQ 700/75)
- Fura Set (BP 340/26 and BP 387/11 LP410 BP510/84)

- **Optics:** Brightfield, Nomarski and Fluorescence

- **Camera:** [Andor 885 EM](#)

- ***In vivo* System:** Temp, CO<sub>2</sub> and perfusion system