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| --- | --- | --- | --- | --- | --- | --- |
| **Instrument** | **Olympus IX71** | | | | **Room#ka4.316.1** | |
| **Application:** Transmitted light and fluorescence imaging of fixed tissues or cells on slides | | | | | |
| **User information** | All users must be trained prior using this instrument. Please see webpage or contact SoM-BIF facility for further information about training and costs involved. | | | | | |
| **Webpage:** | <http://www.olympusmicro.com/brochures/pdfs/ix71.pdf> | | | | | |
| **Light source** | Transmitted: TH-200 | | | | | |
| Fluorescence: I-RFL-T (mercury) | | | | | |
| Fluorescence: U-RX-T (Xenon) | | | | | |
| **Filters** | DAPI, FITC, Cy3, TxRED, Cy5, Cy7 | | | | | |
| **Objectives** | Type | magnification | NA | Type | Coverslip thickness | Working distance (mm) |
|  | UPlanFLN | 10x | 0.3 | air | 0.17 | 10 |
|  | UPlanSApo | 20x | 0.75 | air | 0.17 | 0.6 |
|  | LUCPlan | 40x | 0.6 | air | 0.17 | 2.7-4 |
|  | UPlanSApo | 40x | 0.95 | air | 0.17 | 10 |
|  | UplanSApo | 100x | 1.4 | oil | 0.17 | 0.13 |
|  | UplanFLN | 100x | 1.3 | oil | 0.17 | 0.2 |
|  |  |  |  |  |  |  |
| **Camera** | OlympusXM10 | | | | | |
| DP25 | | | | | |
| **software** | Cell Sense | | | | | |