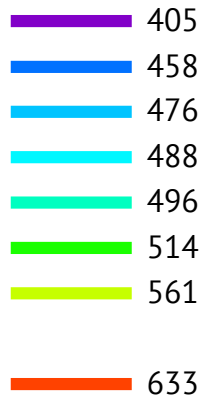
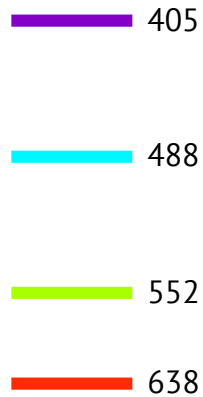


Confocal

Leica SP5 inverted
(S1-17)



Leica SP8 upright
(S1-17)

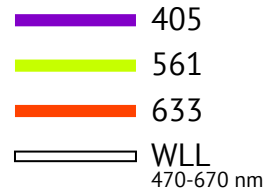


Argon

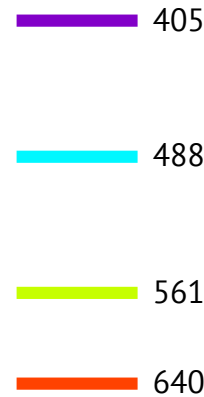
Leica SP8 WLL 1 inverted
(S1-17)



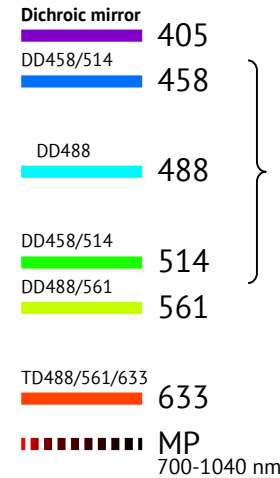
Leica SP8 WLL 2 inverted
(S1-17)



Zeiss LSM900 upright
(S1-17)

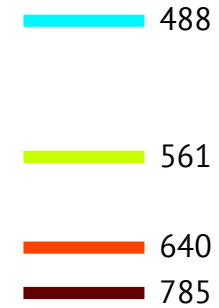


Zeiss LSM710 NLO upright
(PDC E0-15)



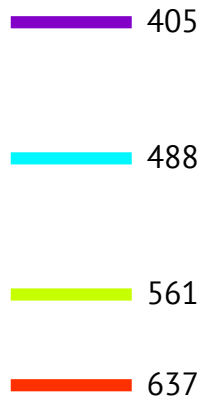
Lightsheet

Miltenyi UM Blaze lightsheet
(S1-42)

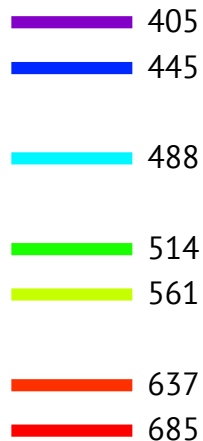


Spinning Disk Confocals

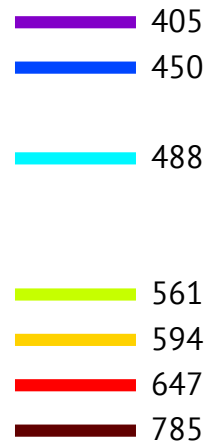
Dragonfly 200 inverted
(S1-17)



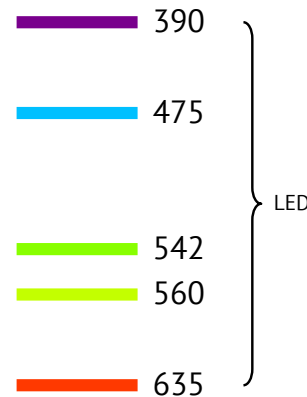
Dragonfly 500 inverted
(S1-17)



CellInsight CX7 HCS



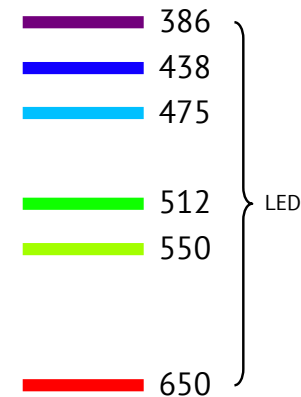
ImageXpress Micro HCS
(D3-35)



LED

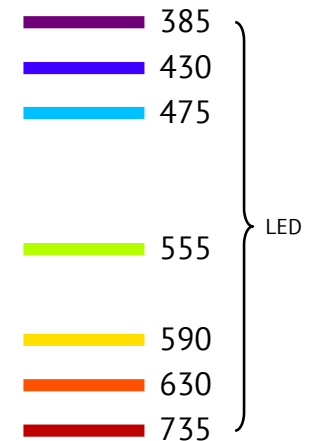
Slidescanners

3DHISTECH P250 slidescanner
(S1-42)



LED

Zeiss Axio Scan.Z1 slidescanner
(S1-42)



LED

Objective Lenses

Leica SP5 inverted

(S1-17)

| | |
|-----|--|
| 10 | HC PL APO 10x/0.40 CS |
| 40 | HC PL FL L 40x/0.60 CORR |
| 20 | HC PL APO 20x/0.70 IMM CORR CS |
| 40 | HCX PL APO 40x/1.25-0.75 OIL CS |
| 63 | HCX PL APO 63x/1.40-0.60 OIL |
| 100 | HCX PL APO 100x/1.40-0.70 OIL CS |
| 5 | HCX PL FL 5x/0.15 |

Leica SP8 upright

(S1-17)

| | |
|-----|----------------------------------|
| 10 | HC PL FL 10x/0.30 |
| 20 | HC PL APO 20x/0.70 |
| 40 | HC PL APO 40x/1.30 OIL CS2 |
| 63 | HC PL APO 63x/1.40 OIL CS2 |
| 100 | PL FL 100x/1.30 OIL |

Leica SP8 WLL 1 inverted

(S1-17)

| | |
|-----|--|
| 10 | HC PL APO 10x/0.40 CS |
| 40 | HC PL FL L 40x/0.60 CORR |
| 25 | HC PL FL 25x/0.75 OIL |
| 40 | HC PL APO 40x/1.30 OIL CS2 |
| 63 | HC PL APO 63x/1.40 OIL CS2 |
| 100 | HCX PL APO 100x/1.40-0.70 OIL CS |

Leica SP8 WLL 2 inverted

(S1-17)

| | |
|----|----------------------------------|
| 10 | HC PL APO 10x/0.40 CS2 |
| 20 | HC PL APO 20x/0.75 CS2 |
| 40 | HC PL APO 40x/1.30 OIL CS2 |
| 63 | HC PL APO 63x/1.40 OIL CS2 |

Dragonfly 200 inverted

(S1-17)

| | |
|----|---------------------------------------|
| 10 | HC PL FL 10x/0.30 |
| 40 | HCX PL APO 40x/1.30 OIL CS |
| 63 | HCX PL APO 63x/1.40-0.60 OIL CS |
| 10 | HC APO L 10x/0.30 W U-V-I |
| 20 | HC APO L 20x/0.50 W U-V-I |
| 40 | HC APO L 40x/0.80 W U-V-I |

Dragonfly 500 inverted

(S1-17)

| | |
|-----|---|
| 10 | HC PL APO 10x/0.40 |
| 20 | HC PL APO 20x/0.75 IMM CORR CS2 |
| 40 | HCX PL APO 40x/1.30 OIL |
| 63 | HCX PL APO 63x/1.40-0.60 OIL |
| 100 | HC PL APO 100x/1.47 OIL CORR TIRF |

Zeiss LSM710 NLO upright

(PDC E0-15)

| | |
|----|--|
| 20 | Clr Plan-Apochromat 20x/1.0 Corr nd=1,38 FWD: 5.6 mm |
| 10 | Achroplan 10x/0.30 W Ph1 FWD: 3.1 mm |
| 20 | W Plan-Apochromat 20x/1.0 DIC FWD: 1.8 mm |
| 63 | W Plan-Apochromat 63x/1.0 FWD: 2.1 mm |

Leica AF6000 inverted

(S1-17)

| | |
|------|--|
| 10 | HC PL FL 10x/0.30 |
| 20 | HC PL FL 20x/0.50 |
| 40 | HC PL FL L 40x/0.60 CORR |
| 63 | PL FL L 63x/0.7 CORR |
| 63 | HCX PL APO 63x/1.30 GLYC (ne=1.4601) CORR 37°C |
| 100 | HCX PL APO 100x/1.40-0.70 OIL |
| 1.25 | HC PL FL 1.25x/0.04 |

Leica DMI6000 inverted

(S1-17)

| | |
|-----|----------------------------------|
| 10 | HC PL FL 10x/0.30 |
| 20 | HC PL APO 20x/0.75 CS2 |
| 40 | HCX PL APO 40x/1.25-0.75 OIL |
| 63 | HCX PL FL 63x/1.25 OIL |
| 100 | HCX PL APO 100x/1.40-0.70 OIL |

Leica DM6B 1 upright

(S1-17)

| | |
|-----|--------------------------------------|
| 4 | C PLAN 4x/0.10 |
| 10 | HC PL FL 10x/0.30 |
| 40 | HC PL APO 40x/0.85 CORR |
| 20 | HC PL APO 20x/0.70 IMM CORR CS |
| 40 | HCX PL APO 40x/1.30 OIL |
| 63 | HC PL APO 63x/1.40-0.60 OIL |
| 100 | HCX PL FL 100x/1.30 OIL |

Leica DM6B 2 upright

(S1-17)

| | |
|----|--------------------------------------|
| 5 | HCX PL FL 5x/0.15 |
| 10 | HC PL APO 10x/0.30 |
| 20 | HC PL APO 20x/0.70 CS |
| 40 | HC PL APO 40x/0.70 |
| 16 | PL FL 16x/0.50 IMM |
| 40 | HCX PL APO 40x/1.25-0.75 OIL |
| 63 | HCX PL APO 63x/1.40 OIL PH3 CS |

Zeiss LSM900 Airyscan 2 upright

(S1-17)

| | |
|-----|---|
| 2.5 | EC Plan-Neo Fluor 2.5x/0.075 FWD: 9.5 mm |
| 10 | Plan-Apochromat 10x/0.45 FWD: 2.1 mm |
| 20 | Plan-Apochromat 20x/0.80 FWD: 0.55 mm |
| 40 | Plan-Apochromat 40x/1.30 Oil FWD: 0.20 mm |
| 63 | Plan-Apochromat 63x/1.40 Oil DIC FWD: 0.19 mm |
| 10 | C Epiplan-Apochromat 10x/0.40 DIC FWD: 5.4 mm |
| 100 | LD C Epiplan-Neofluor 100x/0.75 DIC FWD: 4.0 mm |

cryo

Leica SP5 inverted

(S1-17)

Objective Lenses

| | |
|-----|--|
| 10 | HC PL APO 10x/0.40 CS |
| 40 | HC PL FL L 40x/0.60 CORR |
| 20 | HC PL APO 20x/0.70 IMM CORR CS |
| 40 | HCX PL APO 40x/1.25-0.75 OIL CS |
| 63 | HCX PL APO 63x/1.40-0.60 OIL |
| 100 | HCX PL APO 100x/1.40-0.70 OIL CS |
| 5 | HCX PL FL 5x/0.15 |

Confocal laser lines

| | |
|------------------|---------|
| 405 | } Argon |
| 458 | |
| 476 | |
| 488 | |
| 496 | |
| 514 | |
| 561 | |
| 633 | |
| MP 710-990 nm | |





Leica SP8 upright

(S1-17)

Objective Lenses

| | |
|-----|----------------------------------|
| 10 | HC PL FL 10x/0.30 |
| 20 | HC PL APO 20x/0.70 |
| 40 | HC PL APO 40x/1.30 OIL CS2 |
| 63 | HC PL APO 63x/1.40 OIL CS2 |
| 100 | PL FL 100x/1.30 OIL |

Confocal laser lines

| | |
|---|-----|
|  | 405 |
|  | 488 |
|  | 552 |
|  | 638 |

Leica SP8 WLL 1 inverted

(S1-17)

Objective Lenses

| | |
|-----|--|
| 10 | HC PL APO 10x/0.40 CS |
| 40 | HC PL FL L 40x/0.60 CORR |
| 25 | HC PL FL 25x/0.75 OIL |
| 40 | HC PL APO 40x/1.30 OIL CS2 |
| 63 | HC PL APO 63x/1.40 OIL CS2 |
| 100 | HCX PL APO 100x/1.40-0.70 OIL CS |

Confocal laser lines

| | |
|---|-------------------|
|  | 405 |
|  | 561 |
|  | WLL 470-670 nm |





Leica SP8 WLL 2 inverted

(S1-17)

Objective Lenses

| | |
|----|----------------------------------|
| 10 | HC PL APO 10x/0.40 CS2 |
| 20 | HC PL APO 20x/0.75 CS2 |
| 40 | HC PL APO 40x/1.30 OIL CS2 |
| 63 | HC PL APO 63x/1.40 OIL CS2 |

Confocal laser lines

| | |
|---|-------------------|
|  | 405 |
|  | 561 |
|  | 633 |
|  | WLL 470-670 nm |





Zeiss LSM900 Airyscan 2 upright

(S1-17)

Objective Lenses

| | |
|-----|---|
| 2.5 | EC Plan-Neo Fluor 2.5x/0.075 FWD: 9.5 mm |
| 10 | Plan-Apochromat 10x/0.45 FWD: 2.1 mm |
| 20 | Plan-Apochromat 20x/0.80 FWD: 0.55 mm |
| 40 | Plan-Apochromat 40x/1.30 Oil FWD: 0.20 mm |
| 63 | Plan-Apochromat 63x/1.40 Oil DIC FWD: 0.19 mm |

Confocal laser lines

| | |
|---|-----|
|  | 405 |
|  | 488 |
|  | 561 |
|  | 640 |





Cryo Objective Lenses

| | |
|-----|---|
| 10 | C Epiplan-Apochromat 10x/0.40 DIC FWD: 5.4 mm |
| 100 | LD C Epiplan-Neofluar 100x/0.75 DIC FWD: 4.0 mm |

Zeiss LSM710 NLO upright


(PDC E0-15)


Objective Lenses

| | |
|--|--|
|  | Clr Plan-Apochromat 20x/1.0 Corr nd=1,38 FWD: 5.6 mm |
|  | Achroplan 10x/0.30 W Ph1 FWD: 3.1 mm |
|  | W Plan-Apochromat 20x/1.0 DIC FWD: 1.8 mm |
|  | W Plan-Apochromat 63x/1.0 FWD: 2.1 mm |

Confocal laser lines


Dichroic mirror

 405

DD458/514
 458

DD488
 488

DD458/514
 514

DD488/561
 561

TD488/561/633
 633

 MP
700-1040 nm

} Argon

Zeiss LSM710 NLO upright

(PDC E0-15)

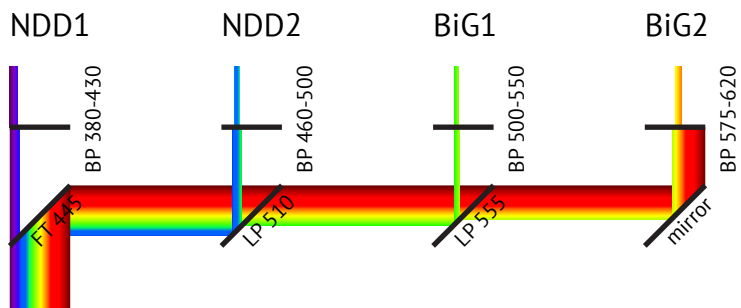
Objective Lenses

| | |
|----|--|
| 20 | Clr Plan-Apochromat 20x/1.0 Corr nd=1,38 FWD: 5.6 mm |
| 10 | Achroplan 10x/0.30 W Ph1 FWD: 3.1 mm |
| 20 | W Plan-Apochromat 20x/1.0 DIC FWD: 1.8 mm |
| 63 | W Plan-Apochromat 63x/1.0 FWD: 2.1 mm |

Confocal laser lines

| Dichroic mirror | |
|-----------------|---------------|
| | 405 |
| | DD458/514 |
| | 458 |
| | } Argon |
| | |
| | 488 |
| | DD458/514 |
| | 514 |
| | DD488/561 |
| | 561 |
| | TD488/561/633 |
| | 633 |
| | MP |
| | 700-1040 nm |

Non-descanned detectors







Andor DragonFly 200 inverted

(S1-17)


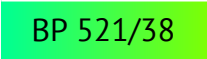




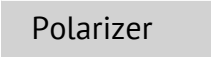
Objective Lenses

| | |
|----|---------------------------------------|
| 10 | HC PL FL 10x/0.30 |
| 40 | HCX PL APO 40x/1.30 OIL CS |
| 63 | HCX PL APO 63x/1.40-0.60 OIL CS |
| 10 | HC APO L 10x/0.30 W U-V-I |
| 20 | HC APO L 20x/0.50 W U-V-I |
| 40 | HC APO L 40x/0.80 W U-V-I |

Laser lines

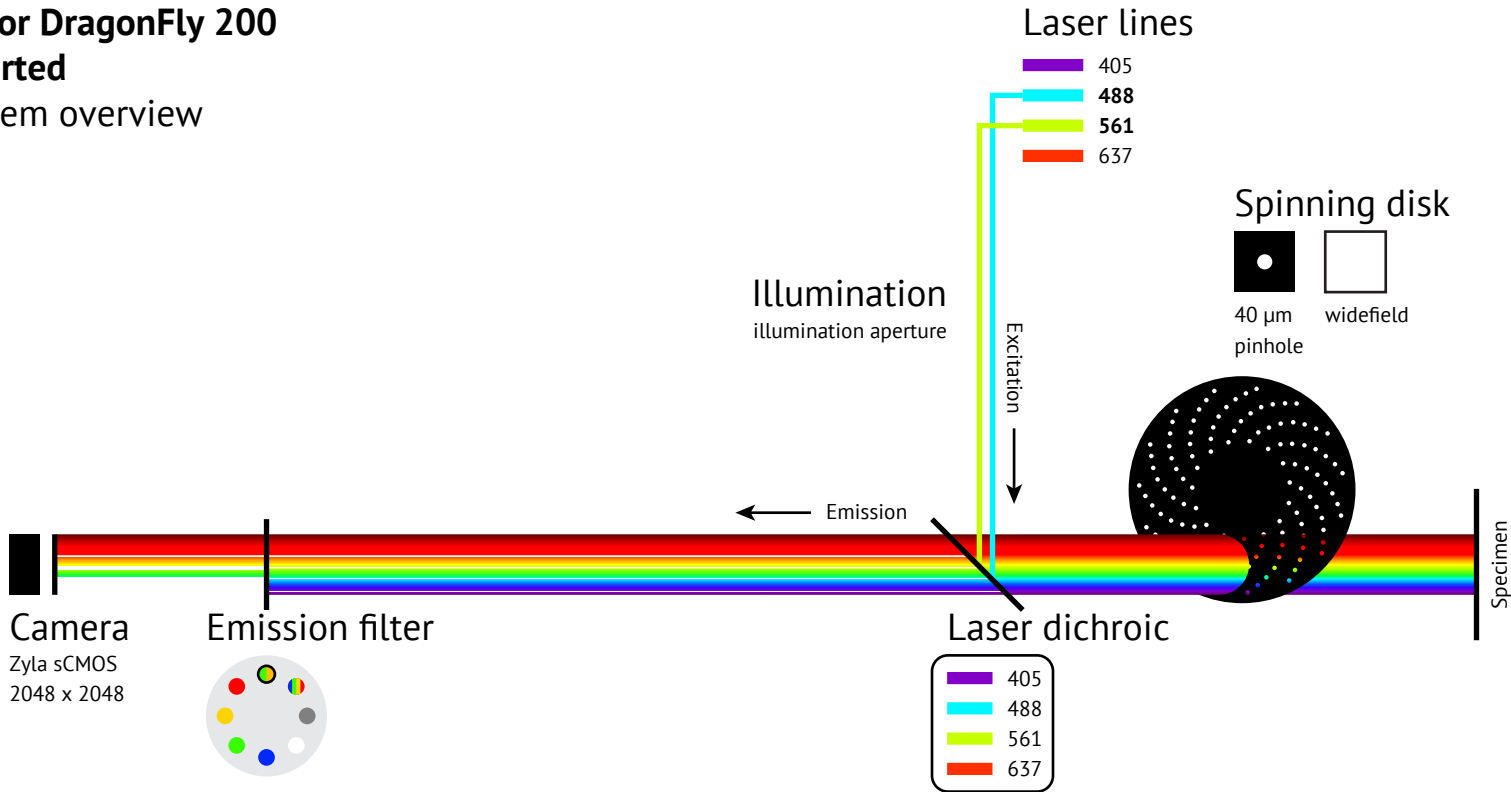
| | |
|---|-----|
|  | 405 |
|  | 488 |
|  | 561 |
|  | 637 |

Emission filters

| | |
|---|--|
|  | BP 445/46 |
|  | BP 521/38 |
|  | BP 594/43 |
|  | BP 698/77 |
|  | BP 522/45 LP 573 |
|  | BP 445/58 BP 521/47 BP 594/42 BP 698/94 |
|  | Polarizer |

Andor DragonFly 200 inverted

System overview










Andor DragonFly 500 inverted

(S1-17)


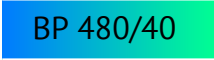
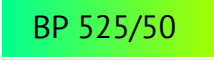
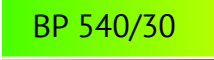




Objective Lenses

| | |
|-----|--|
| 10 | HC PL APO 10x/0.40 |
| 20 | HC PL APO 20x/0.75 IMM CORR CS2 |
| 40 | HCX PL APO 40x/1.30 OIL |
| 63 | HCX PL APO 63x/1.40-0.60 OIL |
| 100 | HC PL APO 100x/1.47 OIL CORR TIRF |

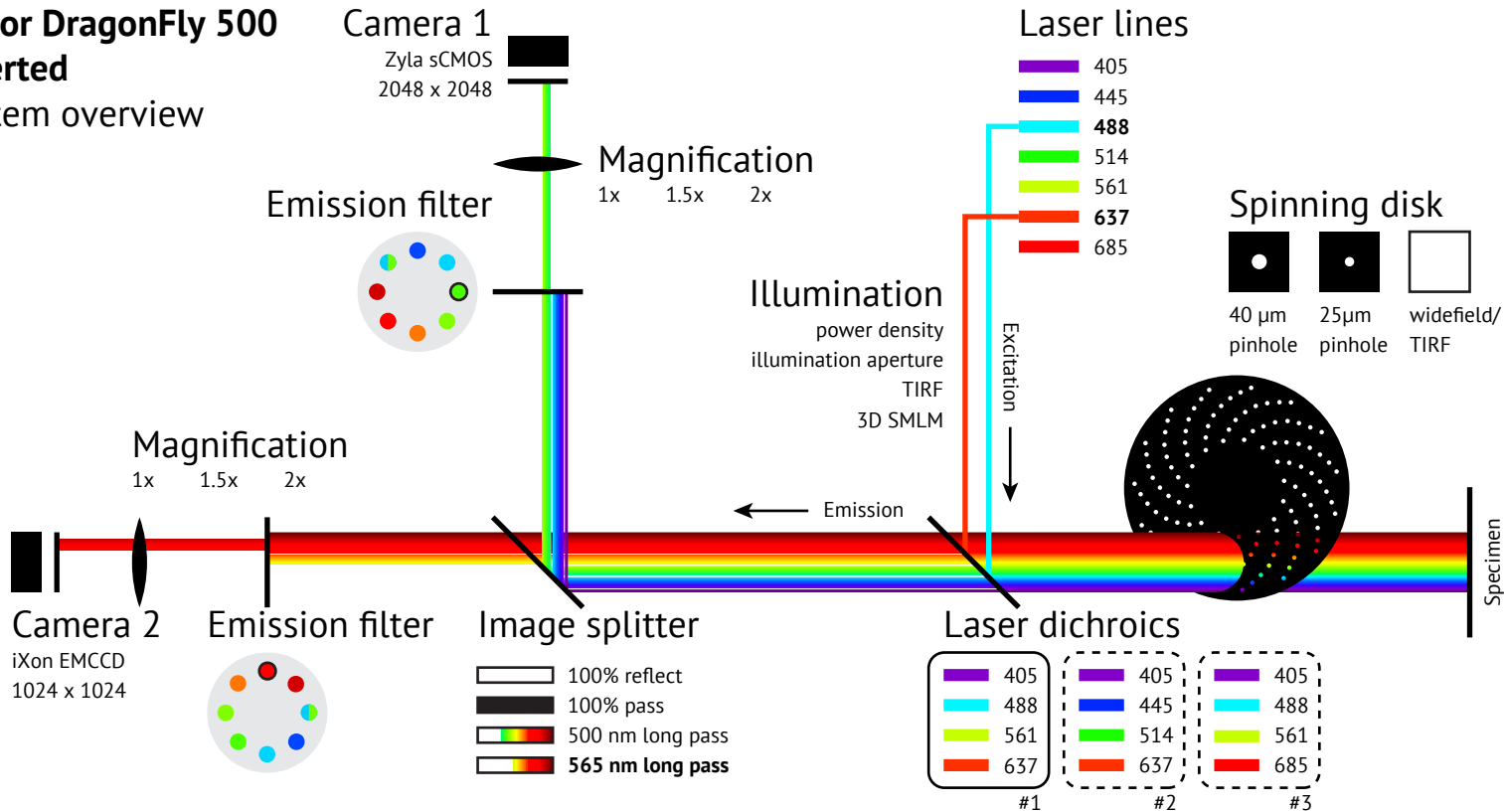
Laser lines

| | |
|---|-----|
|  | 405 |
|  | 445 |
|  | 488 |
|  | 514 |
|  | 561 |
|  | 637 |
|  | 685 |

Emission filters

| | |
|---|------------------------|
|  | BP 450/50 |
|  | BP 480/40 |
|  | BP 525/50 |
|  | BP 540/30 |
|  | BP 620/60 |
|  | BP 700/75 |
|  | BP 724/40 |
|  | BP 470/25 BP 535/30 |

Andor DragonFly 500 inverted System overview



Leica AF6000

inverted

(S1-17)

Objective Lenses

| | |
|------|--|
| 10 | HC PL FL 10x/0.30 |
| 20 | HC PL FL 20x/0.50 |
| 40 | HC PL FL L 40x/0.60 CORR |
| 63 | PL FL L 63x/0.7 CORR |
| 63 | HCX PL APO 63x/1.30 GLYC (ne=1.4601) CORR 37°C |
| 100 | HCX PL APO 100x/1.40-0.70 OIL |
| 1.25 | HC PL FL 1.25x/0.04 |

Filter Cubes

| # | Name | Cube | Excitation filter | Emission filter |
|---|------------------------|--------------|--|--|
| 0 | Dapi | A4 (ATL) | BP 340-380 | BP 450-490 |
| 1 | YFP | YFP | BP 490-510 | BP 520-550 |
| 2 | CFP/YFP/DiD | TRI CYD | BP 420-435 BP 502-517 BP 610-640 | BP 450-480 BP 530-590 BP 665-755 |
| 3 | RFP | RFP | BP 545-551 | BP 570-640 |
| 4 | DAPI/FITC/ TexasRed | TRI B/G/R | BP 405-435 BP 487-502 BP 560-580 | BP 455-475 BP 515-545 BP 620-660 |
| 5 | Cy5 | Cy5 | BP 590-650 | BP 662-737 |
| 6 | Analysator | ANA | DIC | DIC |

Leica DMI6000 inverted

(S1-17)

Objective Lenses

| | |
|-----|----------------------------------|
| 10 | HC PL FL 10x/0.30 |
| 20 | HC PL APO 20x/0.75 CS2 |
| 40 | HCX PL APO 40x/1.25-0.75 OIL |
| 63 | HCX PL FL 63x/1.25 OIL |
| 100 | HCX PL APO 100x/1.40-0.70 OIL |

Filter Cubes

| # | Name | Cube | Excitation filter | Emission filter |
|---|------------------------|--------------|--|--|
| 0 | Analysator | ANA | DIC | DIC |
| 1 | DAPI/FITC/ TexasRed | TRI B/G/R | BP 405-435 BP 487-502 BP 560-580 | BP 455-475 BP 515-545 BP 620-660 |
| 2 | Dapi | A4 (ATL) | BP 381-392 | BP 417-477 |
| 3 | FITC | L5 | BP 460-488 | BP 502-547 |
| 4 | Cy5 | Cy5 | BP 626-644 | BP 659-701 |
| 5 | IR | IR | 980 laser | SP 680 |

Leica DM6B 1 upright

(S1-17)

Objective Lenses

| | |
|-----|--------------------------------------|
| 4 | C PLAN 4x/0.10 |
| 10 | HC PL FL 10x/0.30 |
| 40 | HC PL APO 40x/0.85 CORR |
| 20 | HC PL APO 20x/0.70 IMM CORR CS |
| 40 | HCX PL APO 40x/1.30 OIL |
| 63 | HC PL APO 63x/1.40-0.60 OIL |
| 100 | HCX PL FL 100x/1.30 OIL |

Filter Cubes






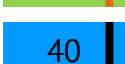

| # | Name | Cube | Excitation filter | Emission filter |
|---|-----------|------|-------------------|-----------------|
| 0 | DIC | POL | DIC | DIC |
| 1 | Dapi | A4 | BP 340-380 | BP 450-490 |
| 2 | DEAC | D | BP 431-441 | BP 473-498 |
| 3 | TRITC | N2.1 | BP 532-554 | BP 573-613 |
| 4 | Texas Red | TXR | BP 540-580 | BP 593-668 |
| 5 | FITC | L5 | BP 460-500 | BP 512-542 |
| 6 | Cy5 | Y5 | BP 590-650 | BP 662-737 |
| 7 | Cy7 | Y7 | BP 672-747 | BP 765-855 |

Leica DM6B 2

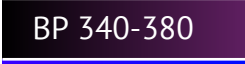


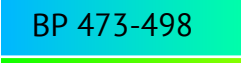
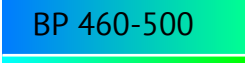
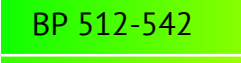
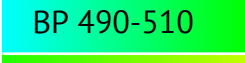
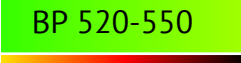
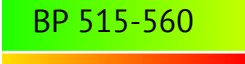

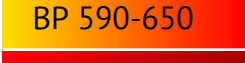
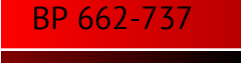
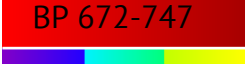

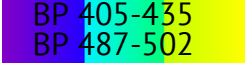
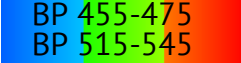
upright

(S1-17)

Objective Lenses

| | |
|---|--------------------------------------|
|  5 | HCX PL FL 5x/0.15 |
|  10 | HC PL APO 10x/0.30 |
|  20 | HC PL APO 20x/0.70 CS |
|  40 | HC PL APO 40x/0.70 |
|  16 | PL FL 16x/0.50 IMM |
|  40 | HCX PL APO 40x/1.25-0.75 OIL |
|  63 | HCX PL APO 63x/1.40 OIL PH3 CS |

Filter Cubes

| # | Name | Cube | Excitation filter | Emission filter |
|---|--------------------|----------|--|--|
| 0 | Dapi | A4 (ATL) |  BP 340-380 |  BP 450-490 |
| 1 | DEAC | D |  BP 431-441 |  BP 473-498 |
| 2 | FITC | L5 |  BP 460-500 |  BP 512-542 |
| 3 | YFP | YFP |  BP 490-510 |  BP 520-550 |
| 4 | Rhodamine | N2.1 |  BP 515-560 |  LP 590 |
| 5 | Cy5 | Y5 |  BP 590-650 |  BP 662-737 |
| 6 | Cy7 | Y7 |  BP 672-747 |  BP 765-855 |
| 7 | Blue/Green/ Red | B/G/R |  BP 405-435 BP 487-502 BP 560-580 |  BP 455-475 BP 515-545 BP 620-660 |







3DHISTECH Pannoramic 250 slidescanner

(S1-42)



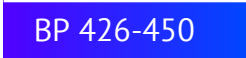

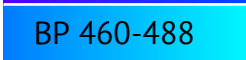
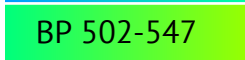
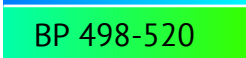
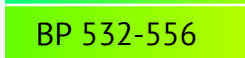
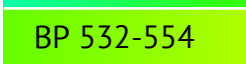
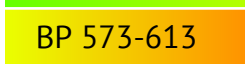
Objective Lenses

| | |
|----|-------------------------------------|
| 20 | Plan-Apochromat 20x/0.8 |
| 40 | Plan-Apochromat 40x/0.95 Corr |

LED

| | |
|---|-----|
|  | 386 |
|  | 438 |
|  | 475 |
|  | 512 |
|  | 550 |
|  | 650 |

Filter Cubes

| Name | Cube | Excitation filter | Emission filter |
|-------|---|---|---|
| QUAD | DAPI_Q/ FITC_Q/ TRITC_Q/ CY5_Q |  BP 381-392 BP 475-489 BP 547-572 BP 643-656 |  BP 420-460 BP 510-531 BP 590-624 BP 677-722 |
| AQUA | |  BP 426-450 |  BP 467-499 |
| FITC | |  BP 460-488 |  BP 502-547 |
| YFP | |  BP 498-520 |  BP 532-556 |
| TRITC | |  BP 532-554 |  BP 573-613 |








Zeiss Axio Scan.Z1 slidescanner

(S1-42)

Objective Lenses

| | |
|----|-------------------------------------|
| 5 | Fluar 5x/0.25 |
| 10 | Plan-Apochromat 10x/0.45 |
| 20 | Plan-Apochromat 20x/0.8 |
| 40 | Plan-Apochromat 40x/0.95 Corr |

LED

| | |
|---|-----|
|  | 385 |
|  | 430 |
|  | 475 |
|  | 555 |
|  | 590 |
|  | 630 |
|  | 735 |

Filter Cubes

| Name | Cube | Excitation filter | Emission filter |
|------|------|-------------------|-----------------|
|------|------|-------------------|-----------------|

| | | | |
|------|-----------|--|--|
| QUAD | 90 HE LED | | |
|------|-----------|--|--|

| | | | |
|------|----|--|--|
| DAPI | 49 | | |
|------|----|--|--|

| | | | |
|-----|-------|--|--|
| CFP | 47 HE | | |
|-----|-------|--|--|

| | | | |
|-----|-------|--|--|
| GFP | 38 HE | | |
|-----|-------|--|--|

| | | | |
|-----|-------|--|--|
| Cy3 | 43 HE | | |
|-----|-------|--|--|

| | | | |
|---------|-------|--|--|
| mCherry | 64 HE | | |
|---------|-------|--|--|

| | | | |
|-----|----|--|--|
| Cy5 | 50 | | |
|-----|----|--|--|

| | | | |
|-----|--|--|--|
| Cy7 | | | |
|-----|--|--|--|

| | | | |
|--------|--|--|--|
| SP 365 | | | |
|--------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 436/25 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 470/40 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 550/25 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 587/25 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 640/30 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 710/75 | | | |
|-----------|--|--|--|

| | | | |
|------------|--|--|--|
| BP 425/30 | | | |
| BP 514/30 | | | |
| BP 592/30 | | | |
| BP 709/100 | | | |

| | | | |
|-----------|--|--|--|
| BP 445/50 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 480/40 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 525/50 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 605/70 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 647/70 | | | |
|-----------|--|--|--|

| | | | |
|-----------|--|--|--|
| BP 690/50 | | | |
|-----------|--|--|--|

| | | | |
|--------|--|--|--|
| LP 760 | | | |
|--------|--|--|--|

Miltenyi UltraMicroscope Blaze lightsheet

(S1-42)

Objective Lenses

1.1 MI Plan
1.1x/0.1
FWD: 16 mm

12 MI Plan
12x/0.53
FWD: 10 mm

Laser lines

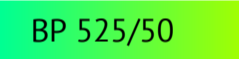
 488

 561

 640

 785

Emission filters

 BP 525/50

 BP 620/60

 BP 680/30

 LP 805

IncuCyte S3

live-cell analysis

(R2-11)

Objective Lenses



Plan Apo λ
4x/0.20



Plan Fluor
10x/0.30



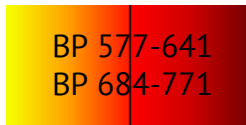
S Plan Fluor
ELWD 20x/0.45

Filter Cubes

Excitation filter



Emission filter








ImageXpress Micro Confocal high-content imaging system

(D3-35)

Objective Lenses

| | |
|-----|--|
| 4 | Plan Apo λ 4x/0.2 FWD: 20 mm |
| 10 | Plan Apo λ 10x/0.45 FWD: 4 mm |
| 20 | S Plan Fluor ELWD 20x/0.45 FWD: 8.2-6.9 mm |
| 20 | S Plan Fluor ELWD ADM 20x/0.45 FWD: 8.2-6.9 mm |
| 20 | Plan Apo λ 20x/0.75 FWD: 1 mm |
| 60 | Plan Fluor 60x/0.85 FWD: 0.40-0.31 mm |
| 60 | Plan Apo λ 60x/0.95 FWD: 0.21-0.11 mm |
| 100 | L Plan EPI 100x/0.85 CRA FWD: 1.2-0.85 mm |

LED

| | |
|---|-----|
|  | 390 |
|  | 475 |
|  | 542 |
|  | 560 |
|  | 635 |

Filter Cubes

| Name | Excitation filter | Emission filter |
|-----------|-------------------|-----------------|
| DAPI | BP 381-392 | BP 417-477 |
| FITC | BP 465-500 | BP 516-556 |
| TRITC/Cy3 | BP 532-554 | BP 573-613 |
| Texas Red | BP 542-582 | BP 604-644 |
| Cy5 | BP 608-648 | BP 672-712 |

CellInsight CX7 LZR

high-content analysis platform

(S3-??)

Objective Lenses

| | |
|----|----------|
| 10 | 10x/0.3 |
| 20 | 20x/0.45 |
| 40 | 40x/0.6 |

Laser lines

| |
|-----|
| 405 |
| 450 |
| 488 |
| 561 |
| 594 |
| 647 |
| 785 |

Emission Filters

| Name | Cube | Excitation filter | Emission filter |
|---------|-----------|-------------------|---|
| QUAD | 90 HE LED | | BP 425/30 BP 514/30 BP 592/30 BP 709/100 |
| DAPI | 49 | SP 365 | BP 445/50 |
| CFP | 47 HE | BP 436/25 | BP 480/40 |
| GFP | 38 HE | BP 470/40 | BP 525/50 |
| Cy3 | 43 HE | BP 550/25 | BP 605/70 |
| mCherry | 64 HE | BP 587/25 | BP 647/70 |
| Cy5 | 50 | BP 640/30 | BP 690/50 |
| Cy7 | | BP 710/75 | LP 760 |