Zeiss Axio Observer Z1

Stand
Zeiss Axio Observer Z1 + apotome, inverse, fully motorized

Objectives
- Plan-Neofluar 5x/0.15 RMS
- EC Plan-Neofluar 10x/0.3 RMS
- LD Achromat 20x/0.4 RMS
- LD Achrostigmat 32x/0.4 RMS
- Plan-APOCHROMAT 63x/1.4 Oil DIC RMS
- Plan-Neofluar 100x/1.3 Oil RMS

Illumination
- Colibri 7
- Halogen lamp 100 W

Filters (widefield illumination/viewing)
- ZEISS Filter set 49 - DAPI (G 365, FT 395, BP 445/50)
- ZEISS Filter set 20 - Rhodamine (BP 546/12, FT 560, BP 575-640)
- ZEISS Filter set 38 HE - eGFP (BP 470/40, FT 495, BP 525/50)

Detection Systems
- AxioCam MRm

Stage/Inserts
- Märzhäuser Scanning Stage
- Inserts for slides and dishes

Software
- ZEISS ZEN blue 2.3 running on Windows 10-64-bit

Environmental Control
Pecon heating and temperature control (inserts for 35mm dishes and 6well plates available)