

## SOM 1

Equipment and settings:

<b><i>Imaging technique</i></b>	<b><i>Equipment</i></b>	<b><i>Objective</i></b>	<b><i>Resolution</i></b>	<b><i>Acquisition method</i></b>	<b><i>Software version</i></b>
<b>Photography</b>	Nikon DSLR D160	Nikon AF-S VR Micro-Nikkor 105 mm f/2.8G IF-ED			
<b>3D scanning</b>	3D structured-light scanner, Aicon SmartScan-HE R8 (now part of Hexagon AB)		Field of View: 110 × 80 × 70mm , 33 μm point-to-point distance	structured-light, ~16 scans on automatic turn table	OptoCat 2018R1
<b>3D digital microscopy</b>	ZEISS Smartzoom 5	PlanApo D 1.6×/NA 0.1,WD 36 mm	Field of View: 10.475 × 7.856 mm (34x)	White LED, reflected ringlight, EDF / Stitching	Smartzoom software with Shuttle&Find module
<b>Microscopy/Confocal*</b>	Zeiss LSM 800 MAT	C Epiplan-Apochromat 20x NA 0.7	Axial Res.: WF:1.122 μm LSM: 1.247μm	BF /LSM	Zen blue

\*More details on <https://zenodo.org/records/18309536>