

<b>Expertise</b>	<b>Lab</b>	<b>Basis</b>	<b>Contact</b>
<b>Optical Coherence Tomography (OCT)</b>	Hitzenberger (incl. Kleintier & eye; polarisation, adaptive optic, Doppler OCT)	Scientific	
	Drexler	Scientific	
	Schmidt-Erfurth	Scientific	
	Leitgeb (Doppler OCT)	Scientific	
	Pircher (Adaptive Optics OCT)	Scientific	
	Schmetterer	Scientific	
<b>Photoacoustic Imaging</b>	Drexler	Scientific	
<b>Light sheet Microscopy (LSFM, SPIM)</b>	Hans-Ulrich Doth (Saghafi, Becker, Hahn)	Scientific	
<b>Electron Microscopy</b>	Bauer (incl. immuno EM)	Scientific	
	Schöfer (incl. EMISH, Immuno EM, CLEM)	Scientific	
	Ellinger (incl. Kryosublimation)	Scientific	
	Blumer (incl. immuno EM)		
<b>Electron Tomography</b>	Ellinger	Scientific	
<b>Confocal Microscopy</b>	Scheinecker/Byrne (incl. multiphoton)	Scientific	
	Lassmann (incl. two.photon)	Scientific	
	Schöfer	Scientific	
	Blumer	Scientific	
	Schmid (FRET, FRAP, FLIP)	Scientific	
	Gröger/Rauscher (life cell, FRET, FRAP, Spectral Imaging, Ca <sup>++</sup> - Measurements, Time	<b>Core Facility</b>	<a href="mailto:imaging@meduniwien.ac.at">imaging@ meduniwien .ac.at</a> 40400 73811

	series, 3D, 4D)		
	Breuss	Scientific	
	Kittler	Scientific	
<b>Episcopic volume data generation</b>	Weninger (incl. HREM, EFIC, Epi-3D)	Scientific	
<b>Epifluorescence microscopy</b>	Schöfer	Scientific	
	Weninger	Scientific	
<b>Structured Illumination Imaging (SIM)</b>	Schöfer	Scientific	
<b>Super resolution microscopy</b> (single molecule, STORM, PALM, multidimensional Imaging)	Stockinger/Huppa	Scientific	
<b>Life-time Imaging (FLIM)</b>	Schöfer Basic sci (cells, embryos)	Scientific	
<b>Life Cell Microscopy</b>	Schmid	Scientific	
	Breuss	Scientific	
<b>Fluorescence Recovery After Photobleaching (FRAP)</b>	Schöfer	Scientific	
	Stockinger/Huppa	Scientific	
<b>Total internal reflection fluorescence microscopy (TIRF)</b>	Schmid	Scientific	
	Stockinger/Huppa	Scientific	
<b>Laser microdissection</b>	Bauer/Bradl	Scientific	
<b><i>In vivo et in vitro</i> 3D cell culture imaging</b>	Scheinecker/Byrne	Scientific	
<b>In vitro 3D cell culture</b>	Gröger/Rauscher	Core	<a href="mailto:imaging@">imaging@</a>

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<b><i>In vivo</i> microscopy (clinic)</b>	Schmidt-Erfurth	Scientific	
<b><i>In vivo</i> histological imaging by confocal laser endomicroscopy (CLE)</b>	Dolak	Scientific	
<b>Near Infrared spectroscopy (NIRS)</b>	Bartha-Doering	Scientific	
<b>Digital dermatoscopy</b>	Kittler	Scientific	
<b>Advanced Histology - Methods</b>	Schöfer	Scientific	
	Blumer	Scientific	
	Weninger	Scientific	
	Gröger/ Rauscher	<b>Core Facility</b>	<a href="mailto:imaging@meduniwien.ac.at">imaging@meduniwien.ac.at</a> 40400 73811
	Schmid	Scientific	
	Ellinger	Scientific	
	Kittler	Scientific	
<b>Neuropathology - Methods</b>	Lassmann/Bauer	Scientific	
<b>Virtual Histology</b>	Hainfellner	Scientific	
	Ellinger	Scientific	
	Kittler	Scientific	
<b>Durchflußzytometrie</b>	Stockinger/Huppa	Scientific	