

Available Microscopy Techniques: from Centi to Nano



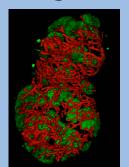
UNIVERSITÄT

100µm 10nm 1cm 1mm 10µm 1µm 100nm 1nm **Optical Electron Microscopy** Mesoscopy **Transmission EM Microscopy** OPT (Optical Projection Tomography) **Tomography TEM** Wide-field Light Sheet **Scanning EM** Bright/Dark Microscopy: Fluorescence Ultramicroscope/ Confocal SPIM (Selective plane Laser Scanning illumination microscopy) Spinning Disk Two-/Multi Photon Micro CT (x-ray) **Atomic Force** Microscopy **Correlative Microscopy**

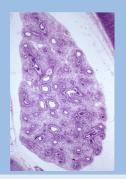
Organisms



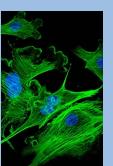
Organs



Tissue



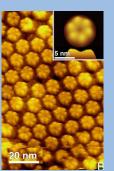
Cells



Organelles



Molecules



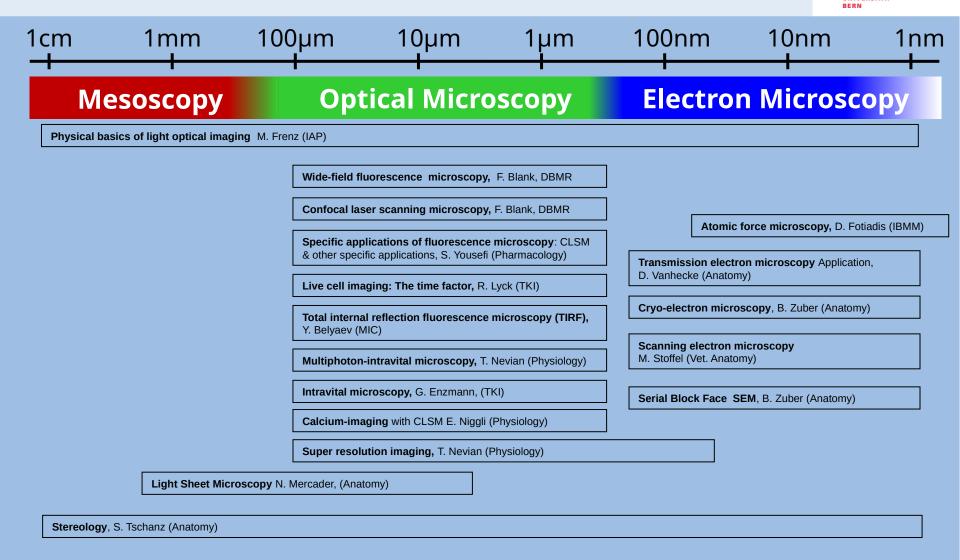
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Introduction into Cutting Edge Microscopy





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