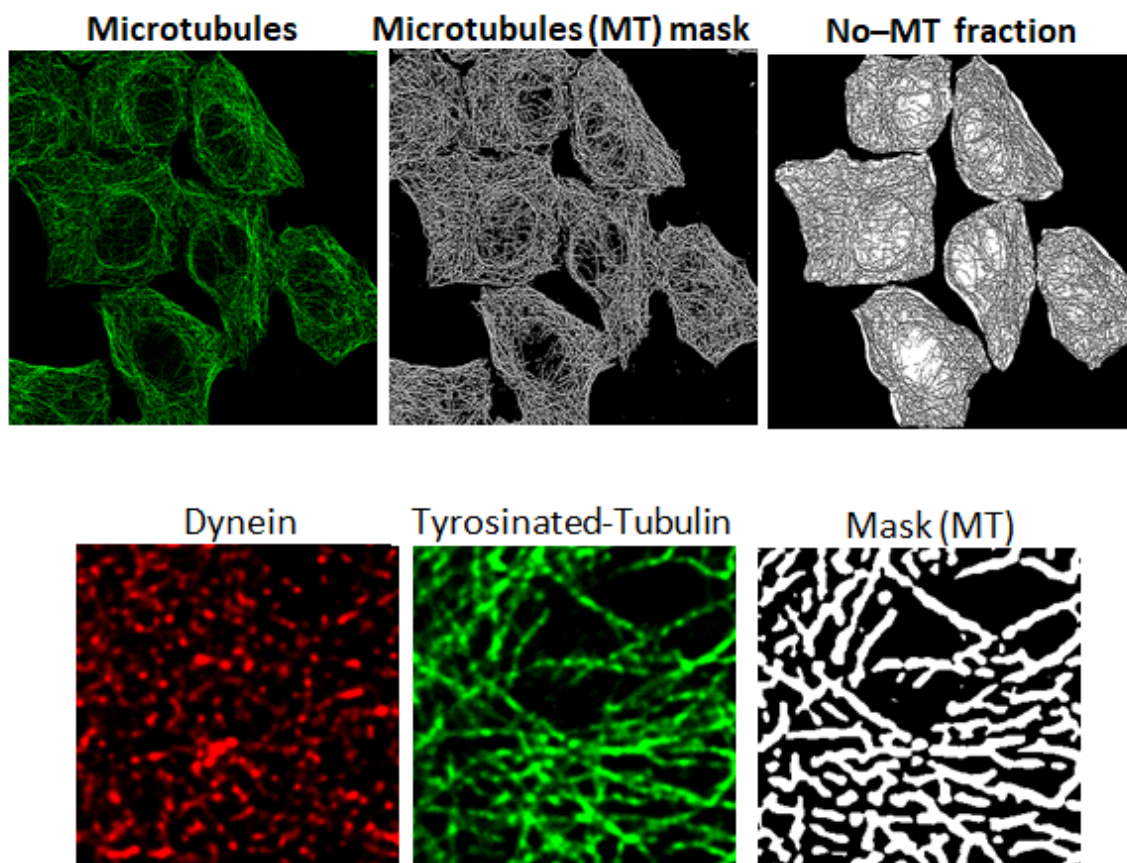


# Identification of the microtubule network by combining super resolution microscopy and quantitative image analysis



Superresolved images of the microtubule network obtained using a X-Light V2 spinning disk combined with Video Confocal Super-resolution (VCS; CrestOptic) were processed using the software Cell Profiler to identify the microtubules by creating a software mask. Association of the microtubule-associated protein dynein on microtubules (MT mask) and in the cytoplasm (no MT fraction) could then be measured.

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