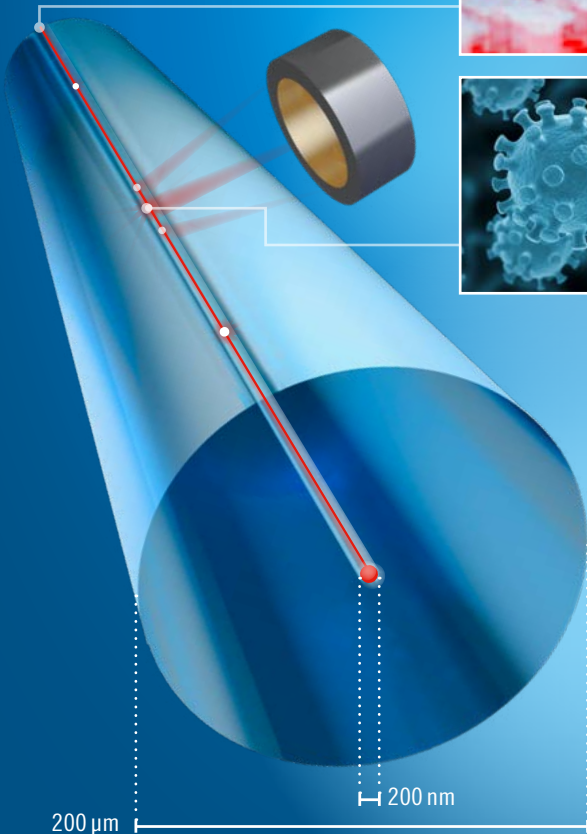
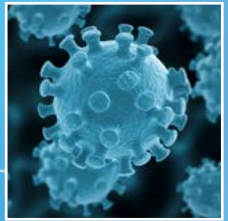


Measurement of Nano Particles

- Single particle detection
- Liquid biopsy



Properties:

- Nano-size channel within the fiber's core
- Guidance of UV to NIR light
- Low background noise
- Detection of ~15 nm (bio-)particles; significantly smaller than the wavelength of light used
- Tracking of particles
- Label-free
- Quick results possible

Possible applications:

Liquid biopsy

Development of optical characterization methods

Characterization of nano particles (e. g. viruses and vesicles)

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