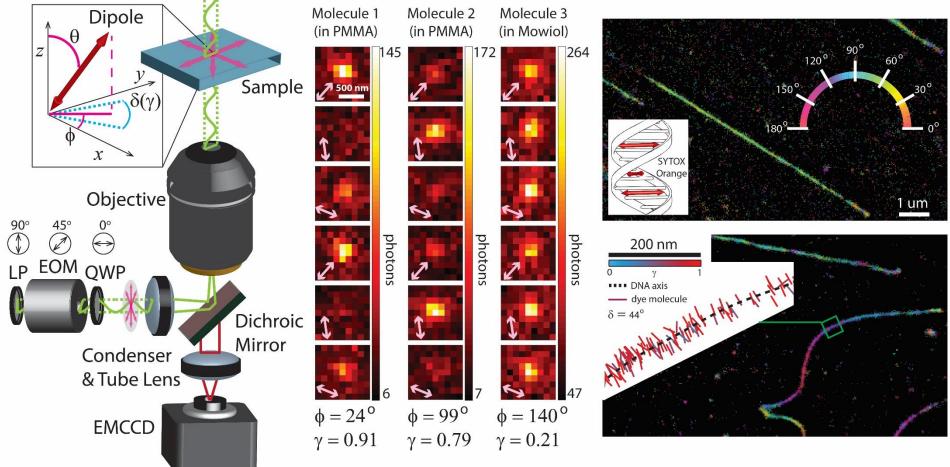
## Enhanced DNA Imaging Using Super-Resolution Microscopy and Single-Molecule Orientation Measurements

We introduce a method to measure the azimuthal orientations  $\phi$  and rotational immobilities  $\gamma$  of single fluorescent molecules, which is seamlessly combined with localization microscopy

## Experimental overview

## **Representative SM data**

## SR images of DNA strands using intercalator SYTOX Orange



A. S. Backer, M. Y. Lee, and W. E. Moerner, Optica 3 (6) 2016.