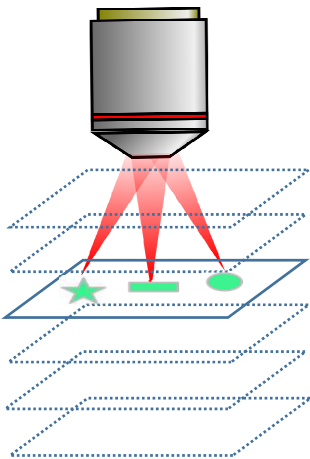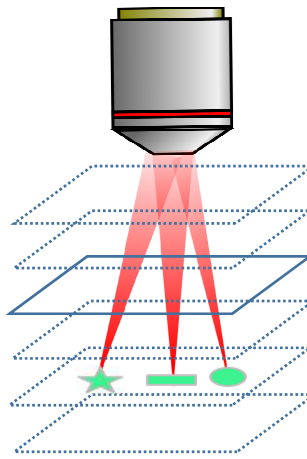# *Phasor* ™

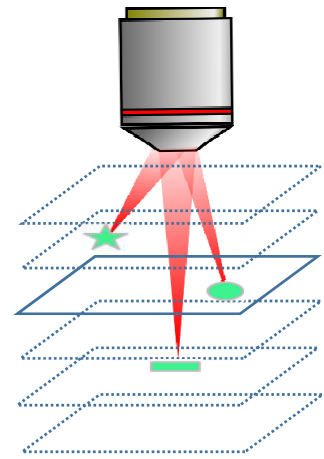## 3D Holography Photomanipulation Laser System

Simultaneous photostimulation of multiple ROIs with complex shapes
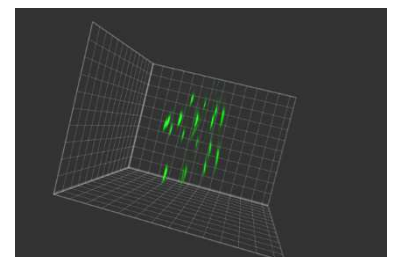
Photostimulation of ROIs in 3D

Photostimulation of ROIs in 3D at different z positions

- ✓ Complex ROIs with nm resolution
- ✓ Simultaneous photostimulation of multiple ROIs
- ✓ High power density: all incident laser power sent to SLM
- ✓ Fast update rate (~60Hz)

3D capability:
- ✓ Photostimulation at different planes than the focal plane
- ✓ Simultaneous photostimulation of ROIs in different z positions
- ✓ Simultaneous imaging and photostimulation at different planes

With diffraction limited spots