

**ORIGINAL ARTICLE**

**Open Access**

# GraspJ: an open source, real-time analysis package for super-resolution imaging

Norman Brede<sup>1,2</sup> and Melike Lakadamyali<sup>2\*</sup>

## Abstract

We present an open source, real-time data analysis and rendering tool for super-resolution microscopy. The tool is based on single molecule detection and localization (e.g. PALM, STED, etc.) and photoactivation localization microscopy – PALM. The widespread use of super-resolution microscopes has made these techniques