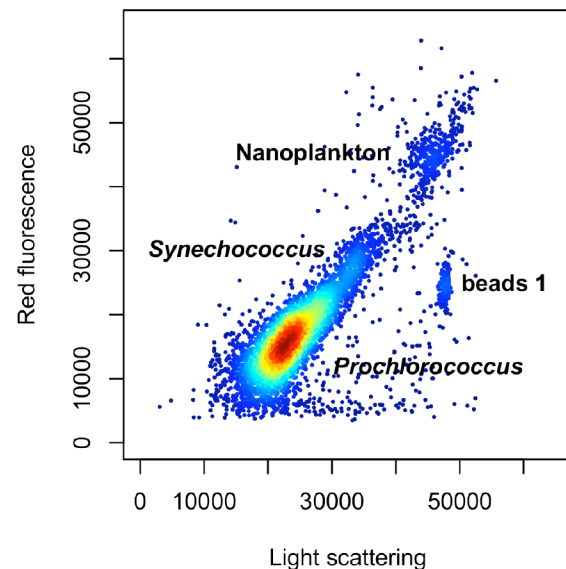
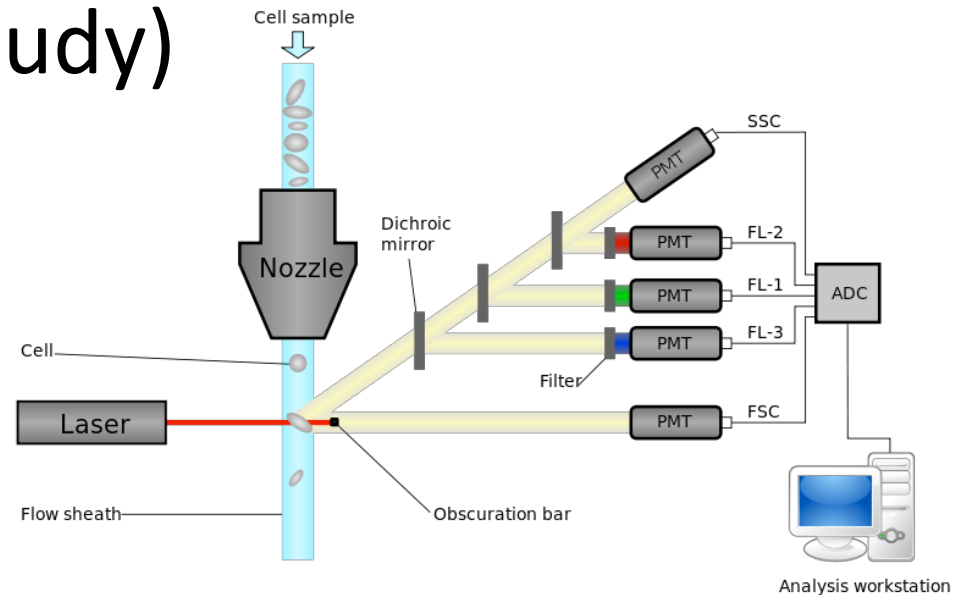


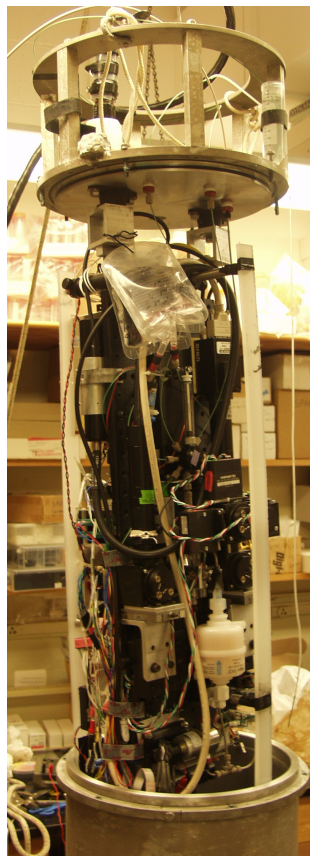
Cytometry for Autonomous Platforms (feasibility study)

- Measure microbial composition and distribution
- Lab cytometers - large, complex devices
- Investigate small/low-power cytometers for integration with autonomous mobile platforms
- Engineering-CANON partnership



Swalwell et al, 2011

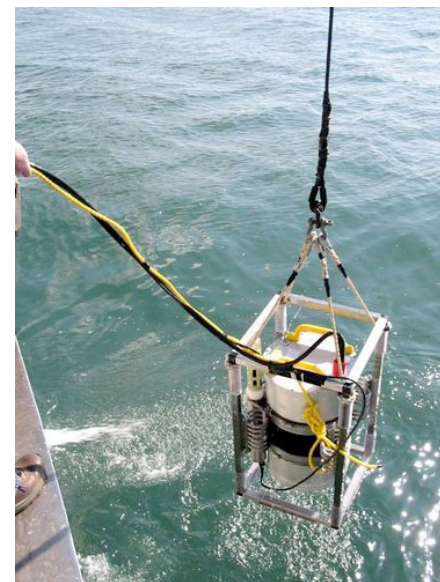
Some candidate cytometers for AUV integration



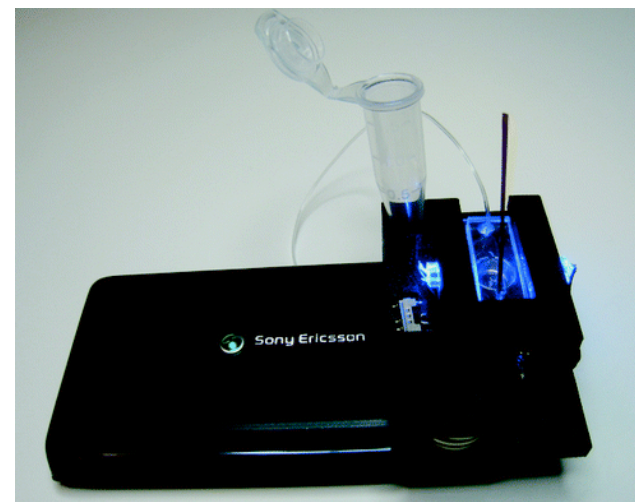
Imaging Flow
Cytobot (WHOI)



Seaflow
(University of Washington)



CytoSub (CytoBuoy BV)



Cell-phone cytometer
(Holomic LLC)