



Abstract Topic Categories

INNOVATION: Image and Flow Technology	DISCOVERY: Image and Flow Applications	TRANSLATION: Clinical and Industrial Applications
<ul style="list-style-type: none"> Automated Microscopy Automated Sample Preparation Computation and Informatics Cell sorting and selection Facility management Flow cytometry instrumentation High content analysis High throughput instrumentation Image processing and analysis Microelectro-Mechanical Systems (MEMS) and microfluidics New probes and assays New software development Other technology advances Single cell spectoscopy Single molecule analysis and tracking Standards and calibration Tissue cytometry 	<ul style="list-style-type: none"> Antigen-specific immune responses Biopharmaceutical applications Cell-derived microvesicles Cell proliferation & death DNA damage and repair Hematological disorders High throughput screening Immunology Live cell imaging/tracking Microbiology and aquatic sciences Multi-dimensional image cytometry Multi-dimensional flow cytometry Other biological applications Plant sciences Protein engineering Rare event detection Signal transducton Small molecule discovery Stem cells Systems biology Tools: chemical probes and fluorescent proteins Tissue cytometry/morphometry 	<ul style="list-style-type: none"> Biomarkers Clinical trials Cytometry in resource poor settings Diagnostics Disease progression monitoring Hematological disorders Immune monitoring Infectious diseases Other clinical applications Regenerative medicine Solid tumors Therapeutics Toxicology Vaccines