BiocompareSurveys

1. First Name
2. Last Name
3. Degree
4. Institution/Company Name
5. Which best describes your type of employer?
    - Undergraduate College
    - Graduate School or University
    - Medical, Veterinary or Dental School
    - Independent Research Institute
    - Government
    - Hospital
    - Biotechnology or Pharmaceutical Company
    - Other Private Sector Entity
    - Other (please specify)
6. Street Address
7. City
8. State/Province
9. Country
10. Business Phone
11. Email
12. Faculty/Industry, Post Doctoral, Student
13. Primary Specialization
    - Development
    - Synaptic Transmission and Excitability
    - Sensory Systems
    - Motor Systems
    - Autonomic, Neuroendocrine and other Homeostatic Systems
    - Cognition and Behavior
    - Neurological and Psychiatric Conditions
    - Techniques in Neuroscience
    - Other (please specify)
16. Purchase Role
    - Approve Purchase
    - Specify Product/Vendor
    - Recommend Product/Vendor
    - No Role
17. How would you characterize your Microscopy/Imaging use?
    - Frequently use
    - Infrequently use
    - Image analysis only
    - Never use
18. What are you currently using Microscopy/Imaging for?
    - Drug Discovery
    - Basic Research
    - Pathology
    - Clinical
    - Forensics
    - Educational
19. How do you archive your images?
    - Images stored in files on hard drive/server/removable media
    - Images files stored in database

Hardcopy images stored in binders
Other (please specify)

20. Do you analyze your images using image analysis software?
21. If no, would you be interested in image analysis software for your particular application?
22. Whom do you think of when you think of imaging equipment?
    (The options will be the purchasers of the survey and an 'Other' option)
23. Are you currently using or planning to use any of the following?
    High Content Screening
    In-vivo Digital Imaging
    Confocal Microscopy
    Light Microscopy
    Fluorescent Microscopy
    Electron Microscopy
24. Are you currently using or do you plan to use any of the following?
    Image Stitching
    Image Database
    3D Reconstruction
    Image Data Analysis
    Neuron Tracing and Analysis
25. What is the next imaging related product that you plan to purchase?
    Image Analysis Software
    Light Microscope
    Fluorescent Microscope
    Confocal Microscope
    Cooled CCD Camera
26. When capturing images from your microscope do you use film or digital capture?
27. If using film, do you plan to switch to digital in the next 12 months?
28. How important is ergonomics to you when choosing a microscope?
29. How important is potential for automation to you when choosing a microscope/imaging system?
30. How important is online ordering to you when purchasing a microscope or imaging system?
31. Which of the following platforms do you prefer to use for image analysis?
    PC
    Macintosh
    SGI
32. Do you prefer to be able to write your own algorithms for image analysis?
33. How much do you have budgeted for Microscopy/Imaging equipment in Q1 2004?
    $0-$50,000
    $50,001-100,000
    $100,001-$500,000
    $500,001-$1,000,000
    >$1,000,000
34. What are your bottlenecks in neurobiology?
    Automated imaging of cells and cellular processes
    Appropriate assays and reagents
    Data analysis
    Other (please specify)
35. Are you currently using or planning to use an imaging system for Tissue MicroArrays?

Currently using
Planning to use
None of the above

36. Do you perform or plan to perform cell counting using stereological methods?
Perform
Plan to perform
None of the above

37. Which of the following do you perform or plan to perform on virtual slides? (check all that apply)
[virtual slides: ultra-high resolution image montages of microscopic specimens]

	Currently perform	Plan to perform	Neither
High-speed Image Capture and Montage (under 5 min for full slide)			
Image Serving and Access Control via Intranet or Internet			
Browser Based Viewing and Annotation of Slides by Research Collaborators or Students			

38. What types of samples do you currently plan to analyze by image analysis?
1-D gels
2-D protein gels fluorescently stained (excluding DIGE)
2-D protein gels DIGE
Chemiluminescent Western Blots
Fluorescent (far-red or infrared labeled) western blots
Colorimetric western blots
Radiolabeled samples (northern blots, Southern blots, etc.)
Other radiolabeled samples
Whole tissue sections
Microarray slide
Microplates
Live animal bioluminescence
Live animal fluorescence

39. Which of the following imaging applications are of importance to your research? If current imaging software packages do not meet your needs, please specify in detail what improvements are necessary.
Cell detection and counting
Cell density
Intensity measurements
Neuronal tracing
Cell or particle tracking
Automatic abnormal cell recognition, based on morphological differences
Montaging of images (e.g. brain slices, tissues, etc.)
Extended focus imaging for thick sections
Multipoint extended focus imaging
Stereology
Calcium imaging/ratio imaging
FRET

Deconvolution
TTL control/TTL interfacing of microscope & camera with other hardware
Other (please specify)