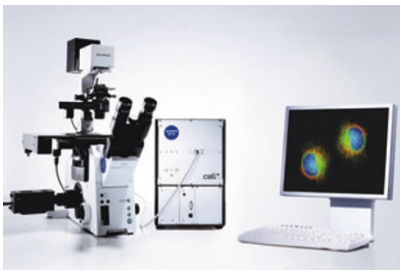
Imaging & microscopy

Imaging family

Olympus's new cell* family is a range of imaging systems and software tools providing simple image acquisition and documentation to complete solutions for live cell imaging. The high-powered and mutually compatable imaging products combine excellent performance with user-friendly operation. All cell* family members are fully upgradeable and are able to grow with evolving research requirements, so users do not have to get used to new interfaces as their needs develop.
http://www.olympus.com/



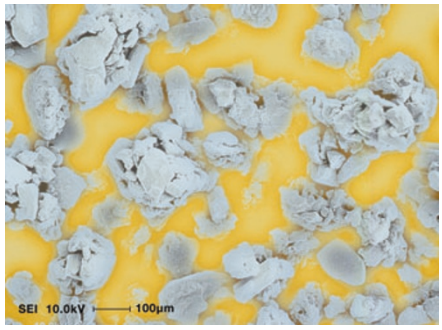
In vivo imaging

The Kodak Image Station *In-Vivo* F and FX systems feature cooled CCD camera technology and selectable multi-wavelength illumination for sensitive, quantitative imaging of luminescent, fluorescent, and radiographic labeled biomolecules *in vivo*. With true 16-bit imaging, 4-million pixel resolution, a 10× optical zoom and comprehensive image analysis capability, they can produce high-performance results for a wide range of labels and sample formats on an easy-to-use platform. The FX system also provides an integrated digital X-ray imaging source and a phosphor-based radiographic imaging screen enabling digital radiography.
http://www.kodak.com/go/molecular

Cell & tissue culture

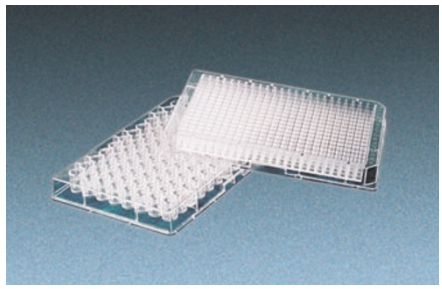
Microcarrier beads

HyClone Laboratories' HyQSpheres are small beads used in cell culture applications. They can be maintained in suspension and their surface chemistry facilitates attachment and growth of anchorage-dependent cells, allowing large-scale culture inside a relatively small footprint. For example, a 3-liter microcarrier culture can replace up to 26 standard roller bottles. HyQSpheres provide flexibility in the choice of cell culture systems, from collagen-coated beads suitable for serum-containing cultures to animal-derived component free beads for processes that must be free of animal components.
http://www.hyclone.com/



Cell culture media

Invitrogen is offering the GIBCO Advanced Granulation Technology (AGT) BioProcessing system, a disposable liquid media manufacturing system for large-volume applications. The system is a dust-free, contained media reconstitution system combining all the benefits of GIBCO AGT media with single-use bag technology. AGT media are complete, pH preadjusted and require only standard supplementation with L-glutamine for L-glutamine-dependent systems. The granules dissolve instantly for faster media preparation times, and the patented process is applicable to complete formulations of a variety of serum-free, protein-free and chemically defined nutrient media.
http://www.invitrogen.com/gibco



Enhanced screening

Greiner Bio-One's streptavidin-coated microplates are available in 96- and 384-well formats. With high binding capacity and low coating variance, these plates assure quality and conserve time by eliminating the need for cumbersome coating, blocking and drying steps. Greiner's streptavidin-coated microplates exhibit chemical and thermal resistance to a variety of common experimental conditions.
http://www.gbo.com/

Coated microplates

Clear, polystyrene fibronectin- and vitronectin-coated microplates are available from R&D Systems for use as a solid support facilitating the adhesion of cells to the Extracellular Matrix (ECM) via cell surface integrin family receptors. The resulting focal adhesions or focal contacts are important for the maintenance of tissue architecture and for supporting a variety of cellular processes. The microplates are precoated with 0.2 µm filtered serum-derived human fibronectin or vitronectin and/or blocked with BSA Fraction V under aseptic conditions.
http://www.rndsystems.com/