HiCen GT Centrifuge
The HiCen GT Centrifuge has impressive build quality and is packed with many advanced features. The HiCen GT has a maximum speed of 14,000 rpm with a g-force of 21,913 × g. A range of fixed-angle or swing-out rotors are available. It uses the Automatic Positive Rotor Identification system of automatic rotor detection to ensure complete safety. The HiCen GT sits comfortably on any benchtop and can accommodate samples of up to 1,000 mL. The HiCen range features an assortment of models both with refrigeration and without. A touch panel and color thin-film transistor display ensure that all settings can be quickly input so that the user has complete control either manually or by selecting one of 30 programs. All components are rigorously tested and are quickly and easily changed. The HiCen GT Centrifuge operates with low noise levels because of its friction-free drive mechanisms and well-balanced rotor.

Herolab
For info: +44-(0)-1223-515440
www.herolab.de

Cell Isolation Products
Celase GMP is a proprietary enzyme containing collagenase, neutral protease, and buffer salts that are produced using avian and mammalian tissue-free raw materials, and are aseptically processed, sterile-filtered, and highly purified under good manufacturing practices (GMP) guidelines. A single, sterile, ready-to-use enzyme. Celase GMP is ideal for a wide range of cell isolation studies (adipose stem cell, biomedical, and bioprocessing) in laboratories looking to facilitate a smooth transition from bench and animal research to downstream clinical applications. Not all research applications require GMP-grade enzymes in early-phase studies. However, recent FDA guidance issued for tissue and cell products specifically cites that GMP-grade reagents should be used in drug-type validated processes. Subsequently, both regenerative medicine researchers and clinicians are now looking for GMP-quality products with a smoother regulatory approval process as the goal. The enzyme advances adipose-based research programs from preclinical to clinical levels and eliminates costly and time-consuming bridging studies.

Worthington Biochemical
For info: 800-445-9603
www.worthington-biochem.com

Large Capacity Bioprocessing Centrifuge
The Sorvall BIOS 16 centrifuge offers an increased capacity of up to 16 L of cell culture product per run and unique design features to make working with large volumes easier and more convenient. Designed to enhance the user experience, these features include auto-door function, auto-lid function, centri-touch interface, accumulated centrifugal effect function, centri-vue remote monitoring, and eco-spin technology. The centrifuge offers the flexibility to select higher-capacity rotors or match existing workflows, with a choice of four swinging bucket rotors ranging from 6 × 1,000 mL to 8 × 2,000 mL. This product is listed with the FDA, and complies with the latest global safety standards, including UL and CE. Bioprocessing centers around the world can reap the benefits of this unique, user-friendly system designed to provide high-throughput sample processing; simple, quick setup and remote monitoring; energy savings; global safety standards; and enhanced ergonomics with every run.

Thermo Fisher Scientific
For info: 800-955-6288
www.thermofisher.com

Field-Flow Fractionation
A series of new products for Field-Flow Fractionation (FFF) have now arrived. A new Size Exclusion Chromatography (SEC) option, together with its powerful new NovaSEC software, is now available. The new Postnova SC2000 Modular SEC option offers unrivaled flexibility in advanced SEC/gel permeation chromatography analysis. It is the first truly modular multidetector SEC system available, allowing flexible access to a wide range of applications. The economical, versatile, and scalable SC2000 is an exciting option for the Postnova FFF Characterization Platform. Offering both FFF and SEC capabilities, the 2000-Series Characterization Platform will for the first time uniquely provide laboratories a single platform able to separate both particles and molecules. Furthermore, the PN3310 Viscometer Detector perfectly matches the high-performance 21-angle Postnova Multi-Angle Light Scattering Detector and offers users a high-performance Triple Detection System for both SEC and FFF.

Postnova
For info: +44-(0)-1885-475007
www.postnova.com

Exosome Research Products
AMS Biotechnology (AMSBIO) has expanded its range of quick, easy, and efficient exosome isolation tools that now includes reagents, immunobeads, and immunoplates for overall or specific intact exosome isolation from small volumes of biological fluids or cell media samples. In addition, AMSBio has introduced new efficient exosome DNA and RNA extraction kits; highly purified, lyophilized exosome calibration standards for quantification of exosome-derived markers; ready-to-use exosome fluorescence-activated cell sorting kits for exosome isolation and profiling; highly purified exosomes for downstream analysis; validated exosomal monoclonal/ polyclonal antibodies; and exosomes isolated from stem cells for cell culture. To enable precise quantification and multiple marker analysis in a number of pathological conditions including inflammation, cancer, and neurodegenerative diseases, a new range of exosome enzyme-linked immunosorbent assay plates is now available. Formulated to be affordable and easy to use, AMSBIO’s new expanded suite will facilitate researchers’ understanding of exosomes.

AMS Biotechnology
For info: +44-(0)-1235-828200
www.amsbio.com

Electronically submit your new product description or product literature information! Go to www.sciencemag.org/about/new-products-section for more information.

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