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Neurosphere or Adherent Monolayer Culture? NeuroCult™ Does Both.



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TOP STORIES

Volume 12.16 April 25, 2011

Sandia and the University of New Mexico Lead Effort to Destroy Cancers: Melding nanotechnology and medical research, researchers have produced an effective strategy that uses nanoparticles to blast cancerous cells with a mélange of killer drugs. [Press release from Sandia National Laboratories discussing online prepublication in *Nature Materials*]

ARTICLE

SCIENCE

⇒ Researchers Inject Nanofiber Spheres Carrying Cells into Wounds to Grow Tissue

For the first time, scientists have made star-shaped, biodegradable polymers that can self-assemble into hollow, nanofiber spheres, and when the spheres are injected with cells into wounds, these spheres biodegrade, but the cells live on to form new tissue. [Press release from the University of Michigan discussing online prepublication in *Nature Materials*]

ARTICLE

⇒ Decoding Cancer Patients' Genomes Is Powerful Diagnostic Tool

Two new studies highlight the power of sequencing cancer patients' genomes as a diagnostic tool, helping doctors decide the best course of treatment and researchers identify new cancer susceptibility mutations that can be passed from parent to child. [Press release from Washington University in St. Louis discussing online prepublication in the *Journal of the American Medical Association*]

ARTICLE

⇒ Enhanced Cord Blood Stem Cell Transplants Safe in Long-Term Studies

An innovative experimental treatment for boosting the effectiveness of stem-cell transplants with umbilical cord blood has a favorable safety profile in long-term animal studies, report scientists. [Press release from ScienceDaily discussing online prepublication in *Cell Stem Cell*]

ARTICLE

⇒ New Study Finds Better Strategy for Lymphoma Immunotherapy

An extra boost to extend the cancer-fighting power of specially engineered immune system cells proved effective in a preliminary study involving six lymphoma patients, said researchers. [Press release from Baylor College of Medicine discussing online prepublication in the *Journal of Clinical Investigation*]

ARTICLE

⇒ Simple Injection Could Limit Damage from Heart Attacks and Stroke

Medical researchers held out promise that a simple injection is being developed to limit the devastating consequences of heart attacks and strokes. They identified an enzyme, mannan binding lectin-associated serine protease-2, that is found in blood and is a key component of the lectin pathway of complement activation, a component of the innate immune system. [Press release from the University of Leicester discussing online prepublication in the *Proceedings of the National Academy of Science*]

ARTICLE