Scientists: Estrogen promotes blood-forming stem cell function

January 22, 2014

In a surprising discovery, researchers at the Children’s Medical Center Research Institute at UT Southwestern (CRI) and Baylor College of Medicine have found that stem cells in the blood-forming system are regulated differently by hormones.

Researchers identify key mechanism in metabolic pathway that fuels cancers

May 22, 2014

A research team has taken a significant step in cracking the code of an atypical metabolic pathway that allows certain cancerous tumors to thrive, providing a possible roadmap for defeating such cancers.

Children’s Research Institute finds key to identifying, enriching mesenchymal stem cells

June 20, 2014

The Children’s Medical Center Research Institute at UT Southwestern (CRI) has identified a biomarker that enables researchers to accurately characterize the properties and function of mesenchymal stem cells (MSCs) in the body.
New driver of atherosclerosis offers potential as therapeutic target
June 19, 2014

A new driver of atherosclerosis has been identified by researchers at UT Southwestern Medical Center. The new study, conducted by a team of UT Southwestern researchers led by senior author Dr. Philip Shaul, sought to identify the impact of 27HC on atherosclerosis. Dr. Shaul is Vice Chair for Research and Professor of Pediatrics, and Director of the Center for Pulmonary and Vascular Biology at UT Southwestern.

Medicinal oil reduces debilitating epileptic seizures associated with Glut 1 deficiency, trial shows
August 11, 2014

A rare metabolic disease that caused hundreds of seizures daily for 6-year-old Chloe Olivarez is now significantly under control as part of a clinical trial led by Dr. Juan Pascual that uses a medicinal oil for treatment.

CRI scientists pinpoint gene likely to promote childhood cancers
August 11, 2014

Researchers at the Children’s Medical Center Research Institute at UT Southwestern (CRI) have identified a gene that contributes to the development of several childhood cancers, in a study conducted with mice designed to model the cancers.
Protein variant may boost cardiovascular risk by hindering blood vessel repair

September 17, 2014

Researchers at UT Southwestern Medical Center have found that the most common variant of the circulating protein apolipoprotein E, called apoE3, helps repair the lining of blood vessels.

Expert co-chairs national team to develop first comprehensive guidelines for management of sickle cell disease

September 09, 2014

The National Heart, Lung, and Blood Institute (NHLBI) has released the first comprehensive, evidence-based guidelines for management of sickle cell disease from birth to end of life.

Researchers find new gene mutations for Wilms Tumor

September 05, 2014

Researchers at UT Southwestern Medical Center and the Gill Center for Cancer and Blood Disorders at Children’s Medical Center, Dallas, have made significant progress in defining new genetic causes of Wilms tumor.
CRI named Innovation Catalyst by Dallas Regional Chamber

October 17, 2014

CRI has been named by the Dallas Regional Chamber as a 2014 Innovation Catalyst award recipient, given annually to a company or institution that strengthens the region’s capacity for innovation.

Pediatricians’ communication with parents critical to overcoming obesity in Latino children

November 05, 2014

UT Southwestern Medical Center physician-researchers found that 1 in 5 parents of overweight Latino children is not directly told that the child is overweight.