A team of researchers in the University of Arizona's College of Pharmacy has discovered a molecular pathway that could be key to creating new therapeutics that would slow, or even reverse, the progression of end-stage liver disease. Although cirrhosis of the liver most commonly is associated with alcohol or drug abuse, the condition – marked by scar tissue replacing healthy liver tissue – also can result from viral hepatitis, obesity and diabetes, as well as certain inherited diseases. According to the National Institutes of Health, cirrhosis is the 12th-leading cause of death by disease in the United States. Read more

Doctors at the University of Arizona Medical Center are testing new technology that could predict if a patient will fall – before it happens. How will this device help patients in the future? Imagine a family member or friend at the hospital recovering from a surgery or an illness and if they fall trying to get back in or out of bed, it could extend their stay at the hospital. Now imagine there is a device that could predict that fall before it happens. The new Zephyr BioModule, from Zephyr Technology, based in Annapolis, Md., is lending UAMC the equipment and technology for the study, to help predict just that. Read more
Arizona Daily Star

Nurse Practitioners Fill Demand for Primary Care

With demand growing and fewer physicians entering primary care residencies, the number of nurse practitioners is expected to rise dramatically by 2025. There are now 171,000 NPs in the field nationally, according to the American Association of Nurse Practitioners. That number is expected to climb to 244,000 by 2025.

“There is a growing demand for NPs and this will only increase due to the shortage of primary care health providers,” said Terry A. Badger, PhD, RN, professor and director of the community and systems health science division at the UA College of Nursing. “The increased number of people with insurance will only increase the demand for nurse practitioners.”

Becker’s Spine Review

InVivo Therapeutics to Begin First Clinical Trial of Neuro-Spinal Scaffold

InVivo Therapeutics announced that it has begun shipment of its investigational device, the Neuro-Spinal Scaffold for spinal cord injury patients, for initiation of its first clinical trial. The initial clinical site is the University of Arizona Medical Center in Tucson, and the trial aims to capture preliminary safety and effectiveness data of the Neuro-Spinal Scaffold. In preclinical studies, the scaffold promoted cell adhesion, neurite sprouting, the growth of remodeled spinal cord tissue containing myelinated axons and improved motor function.

Ali A. Baaj, MD, assistant professor of surgery and director of the Spinal Neurosurgery Program at UAMC, is the principal investigator.

Eastern Arizona Courier

Poison Control: A Boon to Arizona

Keith Boesen, PharmD, director of the Arizona Poison and Drug Information Center at the UA College of Pharmacy, smiles as he walks over to a terrarium filled with a dozen or more small straw-colored scorpions. Dr. Boesen’s office resembles many other offices on
campus — except for the five or six terrariums containing venomous scorpions and spiders. He and his staff of pharmacists provide assistance to the public 24 hours a day, seven days a week. The poison center, located at the UA College of Pharmacy, fields calls from people experiencing toxicology-related events, including poisonings, drug interactions, insect stings, venomous bites, among others. Read more

Arizona Public Media
UA Program Participates in Free Eye Screenings

Experts recommend that everyone get a regular eye check-up, and two local medical entities hosted eye screenings for those who can't afford them on April 26th. Through the University of Arizona College of Medicine, the Sight Savers program, medical students are able to provide those who are under-insured or who don't have health insurance with free eye screenings. “We specifically target communities of people, who are under-insured, don't have insurance or don't have the means to afford care,” said Trent Bowen, coordinator of the UA's Sight Savers program. Sponsors of the program are University of Arizona Medical Center and UA Department of Ophthalmology and held at St. Elizabeth's Health Center. Read more

KVOA Tucson News
Superheroes Visit Sick Kids at UAMC

Superman, Batman and Spiderman made a special visit to Diamond Children's on Tuesday, April 29, to clean windows and visit with patients! Thanks to Skyline Window Cleaning and Mirrored Reflections for contacting the superheroes for this event. In addition to having fun watching the superheroes wash windows, patients received their own superhero cape and participated in superhero-themed activities and enjoyed healthy snacks on the fifth floor lobby of Diamond Children’s. Read more

Wall Street Journal
IntelliCell BioSciences' Stromal Vascular Cell Technology Used For Restorative Cardiac Function With Dr. Zain Khalpey
IntelliCell BioSciences, Inc., a regenerative medicine company utilizing adult autologous Stromal Vascular Cells (SVCs) derived from the blood vessels found in adipose tissue, announced that it supplied its Stromal Vascular Fraction Cells, manufactured using its patented ultrasonic technology, for the restoration of cardiac function, at the University of Arizona College of Medicine – Tucson, in collaboration with Zain Khalpey, MD, Division of Cardiothoracic Surgery.

Article information in *The American Journal of Medicine*:
http://www.amjmed.com/article/S0002-9343(14)00079-5/fulltext

Read more

Follow us on: Facebook Twitter

*If you’re interested in receiving daily media mentions*:

Copyright © 2014 Arizona Health Sciences Center, All rights reserved.
You are receiving this email because you are a member of the AHSC community.

Our mailing address is:
Arizona Health Sciences Center
1501 N. Campbell Ave,
Tucson, AZ 85724

Add us to your address book

unsubscribe from this list  update subscription preferences