### February 2023 | E-Newsletter

THERAPIES AND CURES SAVE LIVES.
WE PROMOTE AND PROTECT MEDICAL RESEARCH.



**Missouri Cures Education Foundation** is a statewide non-profit alliance working to promote & protect medical advances to improve the health of Missourians and stimulate the economy in our state.

Donations are tax-deductible & support education and outreach programs.



### From the Director's Desk:



Our Key Volunteers are more than just supporters who lend a helping hand. They help to ensure our efforts to promote and protect medical research succeed. They speak up when medical research in Missouri is threatened.

Our Key Volunteers are true advocates for Missouri's medical research. That is why, today, we are excited to announce our Key Volunteers program will now be known as our Missouri Cures Advocate Alliance.

Protecting and promoting medical research is a team effort, and we invite you to join us in standing up for Missouri's medical research. <u>Click here</u> to find out more about becoming a member of Missouri Cures Advocate Alliance.

Kindest regards,

Ellie Hayes
Executive Director
ehayes@missouricures.org

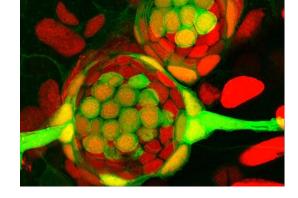
## News Around Missouri:

### St. Louis University:



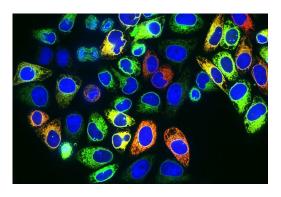
#### Stowers Institute:

Together with Missouri S&T, Saint Louis University Researchers Use Artificial Intelligence to Improve Kidney Transplant Process.



#LookInTheLab: From hearing loss to cancer, a glimpse into the Piotrowski Lab.

#### **Washington University:**



Power of cancer drugs may see boost by targeting newly ID'd pathway.

#### University of Missouri:



Study unexpectedly finds only 7 health symptoms directly related to 'long COVID'.

### National & International:

- Nasal antibody spray heals stroke-related brain damage in animal models- MedicalNewsToday
- Nonessential amino acid serine plays an essential role in neuropathy development- Fierce Biotech
- Massive health-record review links viral illnesses to brain disease Nature
- Stem cell derived organoids could one day help treat conditions like kidney disease- Cosmos
- Cancer Vaccine Created via CRISPR Prevents and Stops Brain Tumors Psychology Today

## Spotlight:

#### **WISER Woman:**



Judith Miles, MD, PhD, is a professor emerita of child health and genetics at the University of

#### Meet the Researcher:



Meet Gautam Dantas, PhD, Professor, Pathology & Immunology and Division Co-Chief, Laboratory

Missouri – Columbia. Her forward-thinking and research-driven approach to autism care were paramount in establishing the first clinic dedicated to autism at the University of Missouri, shaping the interdisciplinary research core at the Thompson Center for Autism and Neurodevelopment, and expanding the State of Missouri's newborn screening and genetics outreach programs to underserved regions. Dr. Miles will be honored at the Thompson Center Spring Research Symposium on March 9.

and Genomic Medicine at Washington University School of Medicine. Dr. Gautam's research interests and training lie at the interface of microbial genomics, biochemistry, systems biology, and computational biology. His lab is currently focused on understanding the evolution and exchange of antibiotic resistance amongst diverse microbial communities, on systems-guided design of novel antibiotic and probiotic therapies, and on engineering microbial catalysts to produce value chemicals such as biofuels. Learn more about his fascinating work here.

### Missouri Cures Events:



CONVERSATIONS

A Missouri Cures Program

## March 31st 8:30am-Noon

# Celebrating Cape Girardeau Women in Science, **Entrepreneurship & Research**



Missouri Cures is excited to bring back WISER. Our first event of 2023 is coming up on Friday, March 31st in Cape Girardeau, Missouri. The in-person event will give attendees the chance to hear from two panels highlighting "Women in Medicine," and "Breaking Boundaries: Women in Entrepreneurship & Research. The event is open to all genders, and will be held at the Southeast Missouri State River Campus Atrium. Register now.

Register Here

## Community Events:

March 4: Relay For Life of Jackson County Youth - Independence

March 7: Skate Under the Stars: A Rare Disease Celebration

March 9: Thompson Center Spring Research Symposium

April 22: Living Out Loud Gala & Auction

May 13: 2023 Metro St. Louis Heart Walk

June 10: 2023 Southwest Missouri Heart Walk

If you would like to add your organizations upcoming event to our Community Events sectionplease click here.

Invite friends & relatives to join our mailing list!



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