

December 2022

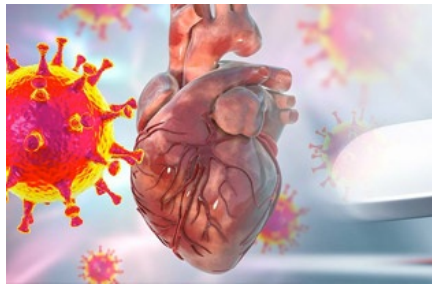
## SOMnews Research & Discovery



### Unexpected Electrical Changes Seen in First Successful Transplant of Genetically-Modified Pig Heart

Ten months after transplanting the first genetically-modified pig heart into a human patient, UMSOM researchers report on unexpected electrical changes that occurred in the pig heart.

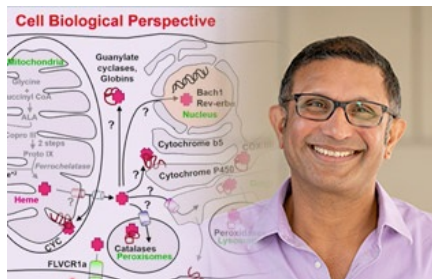
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### UMSOM Research Shows How a SARS-CoV-2 Virus Protein Damages the Heart

Researchers at the University of Maryland School of Medicine's (UMSOM) Center for Precision Disease Modeling identified how a specific protein in SARS-CoV-2, the virus responsible for COVID-19, damages heart tissue.

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### Hematology from the Ground-Up: Lessons from Bloodless Worms

**Iqbal Hamza, PhD**, Professor, Department of Pediatrics, Center for Blood Oxygen Transport and Hemostasis at UMSOM, was recently invited to give the prestigious National Institutes of Health (NIH) Director's Wednesday Afternoon Lecture Series (WALS), the highest-profile lecture program at the NIH on November 16, 2022. His lecture, entitled "Hematology from the Ground-Up: Lessons from Bloodless Worms," highlights his lab's efforts to understand the mechanisms for how heme, an iron containing molecule, necessary for blood formation, moves in the body.

[Watch Lecture >](#)



### UMSOM Hosts 45th Annual Medical Student Research Day

On November 16, 2022, the University of Maryland School of Medicine (UMSOM) held its 45th annual Medical Student Research Day (MSRD) at the SMC Campus Center. MSRD is a proud tradition for University of Maryland's medical students to present their research accomplishments to the school and the campus.

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### IHV Faculty Member Assumes New Position As Assistant Dean in the Office of Medical Education

**Devang Patel, MD**, Associate Professor of Medicine and Director of Infectious Diseases Telemedicine & Medical Education in UMSOM'S Institute of Human Virology (IHV), will further develop the recently-implemented Renaissance Curriculum as Assistant Dean of the Office of Medical Education.

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### THRIVE Steps Up in the Community to Treat M-pox

Health care workers and staff from the Institute of Human Virology's (IHV) THRIVE program help the community battle the M-pox outbreak.

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### Using Viruses to Combat Prosthetic Joint Infections

One researcher at the University of Maryland School of Medicine's (UMSOM) Institute of Human Virology (IHV) has developed a promising therapy using viruses that infect and kill bacteria in prosthetic joint infections.

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**Dr. David Marcozzi, Chief Clinical Officer and Senior Vice President at the University of Maryland Medical Center, Appointed to the Additional Role of Associate Dean for UMMC Clinical Affairs at UM School of Medicine**

University of Maryland School of Medicine (UMSOM) Dean **Mark T. Gladwin, MD**, announced today that **David E. Marcozzi, MD, MHS-CL, MHS-CL, FACEP**, Professor of Emergency Medicine at the University of Maryland School of Medicine (UMSOM) and Chief Clinical Officer/Senior Vice President at the University of Maryland Medical Center (UMMC), has been appointed to serve as the Associate Dean for UMMC Clinical Affairs at UMSOM, effective immediately.

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SOMnews **CommunityImpact**



**IHV Brings New Postdoctoral Fellow Through #ScienceforUkraine**

In response to the Russian invasion of Ukraine, volunteers from the international research community came together to form the group #ScienceForUkraine to ensure Ukraine's scientific research endures and to aid Ukrainian scientists in finding international research positions.

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**Project Feast Serves 300+ Meals to Baltimore Residents**

Medical students at the University of Maryland School of Medicine (UMSOM) hosted the 33rd annual Project Feast event on Thanksgiving day. About 135 volunteers and turkey bakers worked together to serve more than 300 meals to underserved Baltimore residents.

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SOMnews **DevelopmentMatters**



## UM School of Medicine Investiture Ceremonies Honor Two Leading Physician-Scientists in the Departments of Pediatrics and Anatomy and Neurobiology

The University of Maryland School of Medicine (UMSOM) honored two of its esteemed faculty members last month, Dina El-Metwally, MD PhD, Professor of Pediatrics, and Asaf Keller, PhD, Professor and Chair of the Department of Anatomy & Neurobiology, with endowed professorships in recognition of their professional accomplishments and contributions to medicine.

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## Have You Made Your 2021 UMSOM Donation?

Make your 2022 tax-deductible donation before December 31 to support the areas of greatest need at UMSOM. When you donate today using [this link](#) or the QR code below, you invest in tomorrow's medical discoveries!



## Have You Made Your 2022 UMSOM Donation?

Will your annual gift fund the endless possibilities that stem from UMSOM's mission? Whether you want your contribution to support student scholarships, groundbreaking medical research, community partnerships, faculty support, or any other UMSOM initiative about which you are passionate – *your gift has an impact.*

If you prefer, your check, made out to **UMBF, Inc./26158**, may be mailed directly to the UMSOM Office of Development at: University of Maryland School of Medicine Office of Development  
31 S. Greene Street, Third Floor  
Baltimore, MD 21201  
Attn: Traci Morgan

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Discover a healthier future together!  
Join MyHealthy Maryland Precision Medicine Research today.

**MyHealthy Maryland** participants will have the opportunity to learn more about their own health and health practices as well as overall health trends in Maryland. To read more and/or enroll, please visit: <https://www.medschool.umaryland.edu/genetics/For-Healthcare-Providers/My-Healthy-Maryland/>

## Enroll in the MyHealthy Maryland Precision Medicine Research Study

**MyHealthy Maryland** Precision Medicine Research is a long-term research study developed by University of Maryland Medicine. This project aims to engage a diverse cohort of 250,000 Maryland residents over the next decade for a broad range of research from basic molecular and genetic studies to population health and health services research. All adult residents of Maryland are eligible – you do not need to be a patient at the University of Maryland.

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Check Out the December Issue of  
What's the Buzz?

UMSOM What's the Buzz? is produced by  
the University of Maryland School of  
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