

CALL FOR ABSTRACTS

Submission deadline April 10



2021
INTERNAL MEDICINE
**RESEARCH
RETREAT**

AND POSTER SESSION

FRIDAY, JUNE 25

8:00 am Research Retreat

~ Virtual Research Retreat ~

THE UNIVERSITY OF TEXAS

**MDAnderson
Cancer Center**

Making Cancer History®

2021 INTERNAL MEDICINE RESEARCH RETREAT

AND POSTER SESSION



MISSION

The mission of the Division of Internal Medicine is to provide cancer patients with the full spectrum of evidence-based cancer and internal medicine care including treatment, supportive care, survivorship care, and prevention.

RETREAT GOAL

As a predominantly clinical division, the Division of Internal Medicine takes great pride in its research that has been celebrated at MD Anderson as well as nationally and internationally. The emphasis of the annual research retreat is to

- encourage collaboration
- highlight research accomplishments
- provide opportunities for innovation and discovery

The retreat will open with a virtual poster session to be housed in STUDY@MDAnderson. The Virtual Poster Session will highlight ongoing research within the division and to provide a networking opportunity to faculty and employees.

On Friday, June 25, attendees will hear the oral presentations of six Cyrus Scholar Awards finalists – three basic scientists and three clinical researchers.



A panel of Distinguished Judges will select two winners, one in each category. Keynote Speaker will be Kizzmekia Corbett, MD, Viral Immunologist and Research Fellow, Vaccine Research Center National Institute of Allergy and Infectious Diseases National Institutes of Health (NIAID), Bethesda, Maryland.

TARGET AUDIENCE

- Physicians
- Basic Scientists
- Residents
- Fellows
- Post-Doctoral Fellows
- Nurses
- Advanced Practice Providers
- All DoIM employees
 - Administrators
 - Research and Clinical Staff

DIVISION RESEARCH ADMINISTRATION

David J. Tweardy, MD

Division Head

Cielito Reyes-Gibby, DrPH

Chair, Division Research Committee

Dimitrios Kontoyiannis, MD, ScD, PhD (Hon)

Deputy Division Head for Research

Edwin Ostrin, MD, PhD

Deputy Chair, Division Research Committee

Erica Pettye, MBA

Division Administrator

Jessica Hunter, MLS

Executive Assistant, Division Administration

Sarah Fayle, MS, MA

Director, Division Research Planning
and Development

PROGRAM COMMITTEE

Cielito Reyes-Gibby, DrPH

- Chair

Edwin Ostrin, MD, PhD

- Deputy Chair

Jun-ichi Abe, MD, PhD

Ala Abudayyeh, MD

Robert Bresalier, MD

Roberto Casal, MD

Gil Cote, PhD

Ramona Dadu, MD

Robert Dantzer, DVM, PhD

Madeleine Duvic, MD

Eric Gagneaux (Conference Planner)

Ray Hachem, MD

Marie-Claude Hofmann, PhD

Sang Taek Kim, MD

Dimitrios Kontoyiannis, MD, ScD, PhD (Hon)

Tamara Lacourt, PhD

Juan Lopez-Mattei, MD

Joanna Manzano, MD

Xiao Ni, MD, PhD

Andrew Rhim, MD

Prema Robinson, PhD

Michael Tuvim, PhD

Meagan Whisenant, PhD, RN

Call for Abstracts

Division of Internal Medicine faculty, fellows and staff may submit abstracts for presentation involving original research. Abstracts not presented at the 2020 DoIM Research Retreat but previously accepted, presented or published will be accepted.

All abstracts submitted by instructors, assistant professors and associate professors automatically qualify for the Cyrus Scholar Awards competition. Winners from 2017, 2018, 2019 and 2020 are not eligible to compete for the Cyrus Scholar Awards.

The submission deadline is **April 10, 2021**. For complete instructions, visit www.mdanderson.org/conferences.

FREE REGISTRATION

Register Online: www.mdanderson.org/conferences, then scroll to **Division of Internal Medicine 2021 Research Retreat**. On-site registration is available on day of event. Online registration is preferred.

ADDITIONAL INFORMATION

Visit www.mdanderson.org/conferences, or contact Eric Gagneaux, CME Conference Planner, Continuing Professional Education, 713-745-0080; Sarah Fayle, Director, Division Research Planning and Development, 713-563-3830.

2021 RESEARCH RETREAT AGENDA

-A Virtual Education Event-

FRIDAY, JUNE 25TH

- 8:00 am – 8:05 am **Opening Remarks**
David J. Tweardy, MD
Division Head, Internal Medicine
Dallas/Fort Worth Living Legend Chair for Cancer Research III
Professor, Infectious Diseases and Molecular and Cellular Oncology
- 8:05 am - 9:00 am 2021 Research Retreat Keynote Address
Rapid Development of A SARS-CoV-2 mRNA Vaccine
Kizzmekia Corbett, PhD
Viral immunologist and Senior Research Fellow
Viral Pathogenesis Laboratory, Vaccine Research Center
National Institute of Allergy and Infectious Diseases
National Institutes of Health (NIAID)
- 9:00 am – 9:05 am Intermission
- 9:05 am – 9:10 am **Introduction of Cyrus Scholar Award Presentations**
Moderators:
Cielito Reyes-Gibby, DrPH, *Chair, Research Committee*
Edwin Ostrin, MD, PhD, *Deputy Chair, Research Committee*
- Distinguished Judges**
Sam Hanash MD, PhD
(Professor, Clinical Cancer Prevention)

Marina Konopleva MD, PhD
(Professor, Leukemia)

Ya Chen Tina Shih, PhD
(Professor, Health Services Research)
- 9:10 am – 10:05 am **Cyrus Scholar Award Competition for Outstanding Basic/ Translational Research**
- 10:05 am – 11:00 am **James S. and Suzanne Cyrus Scholar Award Competition for Outstanding Clinical Research**
- 11:00 am – 11:05 am Closing Remarks
- 11:05 am Adjourn

A portrait of Dr. Kizzmekia S. Corbett, a Black woman with long dark hair, wearing a black sleeveless top and a pearl necklace. She is resting her chin on her hand and looking thoughtfully at the camera.

Rapid Development of A SARS-CoV-2 mRNA Vaccine

TO DELIVER RETREAT
KEYNOTE ADDRESS

Kizzmekia S. Corbett, PhD

SENIOR RESEARCH FELLOW VIRAL PATHOGENESIS
LABORATORY NATIONAL INSTITUTES OF HEALTH,
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS
DISEASES, VACCINE RESEARCH CENTER

Dr. Kizzmekia S. Corbett is a research fellow in the Viral Pathogenesis Laboratory at the National Institutes of Health, National Institute of Allergy and Infectious Diseases, Vaccine Research Center, where she works under the direction of Deputy Director, Dr. Barney S. Graham. She received a BS in Biological Sciences, with a secondary major in Sociology, in 2008, from the University of Maryland – Baltimore County, where she was a Meyerhoff Scholar and NIH undergraduate scholar. She then obtained her PhD in Microbiology and Immunology in 2014, from the University of North Carolina at Chapel Hill. Appointed to the VRC in

2014, Dr. Corbett uses her viral immunology expertise to propel novel vaccine development for pandemic preparedness, including mRNA-1273, a leading candidate vaccine against the virus that causes COVID-19. In response to the ongoing global COVID-19 pandemic, the vaccine concept incorporated in mRNA-1273 was designed by Dr. Corbett's team from viral sequence and rapidly deployed to industry partner, Moderna, Inc., for FDA-approved Phase 1 clinical trial, which unprecedentedly began only 66 days from the viral sequence release. Following promising results in animal models and humans, mRNA-1273 was

recently shown to be 94.1% effective in Phase 3 trial and is authorized for emergency use in multiple countries. Alongside mRNA-1273, Dr. Corbett's team boasts a portfolio which also includes universal coronavirus vaccine concepts and novel therapeutic antibodies. Additionally, Dr. Corbett spent several years working on a universal influenza vaccine, which is slated for Phase 1 clinical trial. In all, she has fifteen years of expertise studying dengue virus, respiratory syncytial virus, influenza virus, and coronaviruses. Along with her research activities, Dr. Corbett is an avid advocate of STEM education and vaccine awareness in the community. Combining her research goals with her knack for mentoring, Dr. Corbett aims to become an independent principal investigator.



Cyrus Scholar

AWARDS COMPETITION

Michael and Mariet Cyrus have a long-standing tradition of philanthropy and community service. In 2005, they established the Cyrus Family Endowment to promote the development of basic and clinical research skills in internal medicine. With the support of the Cyrus family, matching gifts, and generous supporters, including faculty of the Division of Internal Medicine, the goal is to build the endowment to \$1 million. In addition, the awards are supplemented by unrestricted division funds and chair support.

The first Cyrus Scholar Awards in Outstanding Basic/ Translational Research and Outstanding Clinical Research were given during the 2007 Research Retreat. In 2009, the couple decided to name the Outstanding Clinical Research Award in honor of Michael's parents, James S. and Suzanne Cyrus. During the first presentation of the award, Michael Cyrus remarked, "It was with great respect, love and honor that we established this award in the name of our mother and father."

The endowment provides support for two competitive awards, each for \$15,000 (\$5,000 each year for three years) to an outstanding basic/translational researcher and a clinical researcher.

2020 Cyrus Scholar

AWARD WINNERS

CYRUS SCHOLAR AWARD IN BASIC/ TRANSLATIONAL RESEARCH



Winner in Basic Science Category

Andrew Shepherd, PhD

Assistant Professor, Symptom Research Research

Research Title: Angiotensin Receptor Signaling Augements Oxaliptatin-Induced Neuropathic Pain

JAMES S. AND SUZANNE CYRUS SCHOLAR AWARD IN CLINICAL RESEARCH



Winner in Clinical Research Category

Harrys Torres, MD

Associate Professor, Infectious Disease

Research Title: Serologic vs. Molecular Testing for Screening for Hepatitis C Virus Infection in Patients with Hematologic Malignancies with and without Prior Hematopoietic Cell Transplant

CONFERENCE REGISTRATION- X121770

DoIM 2021 Research Retreat

June 25, 2021

Online registration is available at www.mdanderson.org/conferences

Last Name	First	MI	Highest Degree
Department (include unit no.)		Specialty	
Institution			
MD Anderson Employee ID No. (required for all MDACC employees):		Physician <input type="checkbox"/> Yes <input type="checkbox"/> No	
Street			
City		State/Foreign Country/Zip or Mail Code	
Daytime Phone (with area code)	Cell Phone (with area code)	Fax (with area code)	
E-mail Address (please print)			
Emergency Contact		Phone (with area code)	

THIS IS NOT A SELF-MAILER - Address to:

DoIM 2021 Research Retreat

Department of Continuing Professional Education - Unit 1781

The University of Texas MD Anderson Cancer Center

PO Box 301407, Houston, TX 77230-1407

or fax to 713-794-1724

FREE REGISTRATION