Welcome to the ARLG Newsletter! Here, you will receive important updates from ARLG regarding recent events, grants, publications, and the committees that help us work toward our mission: to prioritize, design, and execute clinical research that will impact the prevention, diagnosis, and treatment of infections caused by antibiotic-resistant bacteria.

Get Involved with ARLG

ARLG continuously accepts proposals for clinical studies designed to prevent, diagnose, treat, or eradicate antibiotic-resistant bacterial pathogens. We also award grants and fellowships to qualified investigators. If you are interested in getting involved with ARLG, apply now or contact us for more information.

ARLG Fellowship Opportunities Available

Applications are now being accepted for upcoming fellowships with the ARLG. Infectious disease fellows who are interested in pursuing training, research, and a future career in antibacterial resistance clinical research are encouraged to pursue this competitive opportunity.

The fellowship is a two-year, fully funded program. Participants selected to take part will be offered mentoring from senior ARLG members. They will have the opportunity to receive formal training in epidemiology or statistics at the Duke University School of Medicine Clinical Research Training Program or an equivalent program at another institution in addition to a clinical research core-training curriculum.

Recipients will also be offered opportunities for integration into the ARLG mission and programs. Funding will be available in July 2021.

To learn more or to submit your application, go to the ARLG Fellowships page.

The submission deadline is December 1, 2020.
ARLG SPOTLIGHT

Matthew Kelly, MD, MPH
Asst. Professor of Pediatrics
Program Dir, Pediatric Infectious Diseases Fellowship
Assistant Dir., Duke Pediatric Research Scholars Program
Associate Dir. of Physician-Scientist Development,
Office of Pediatric Education

About my role in ARLG

I’m an Assistant Professor of Pediatrics in the Division of Infectious Diseases at Duke University. I’m also a faculty member in the Duke Microbiome Center and the Duke Global Health Institute. I have several leadership roles in the Department of Pediatrics through which I work to support the research training and career development of pediatric residents and fellows who aspire to have research-oriented careers.

I am the lead investigator of the RESistance In Stem cell Transplant Microbiome (RESISTOME) Study. This ARLG-funded study seeks to understand risk factors for the acquisition of antibiotic-resistant bacteria among hospitalized children and adolescents.

About my research

I was awarded an Early Stage Investigator Seed Grant to conduct the RESistance In Stem cell Transplant Microbiome (RESISTOME) Study. This grant provided support for enrollment of study participants, collection of stool samples, and generation of microbiome sequencing data from these samples.

Impact of the ARLG funding to my career

My long-term career goal is to develop strategies to prevent and treat infections in children through targeted modification of the microbiome. The support that I received from the ARLG provided me with a number of opportunities for professional development and was critical to my success as I transitioned from fellowship to junior faculty at Duke University.
**Events**

**Dr. Patel Presents President’s Forum at ASM Summer of Science**

ARLG Laboratory Center Director and American Society for Microbiology (ASM) President, Robin Patel will be conducting a virtual president’s forum on Thursday, July 16 for ASM Microbe Online’s Summer of Science event.

The virtual events are designed to replace the in-person ASM Microbe 2020 meeting cancelled earlier this year. Selected sessions from all eight scientific tracks will be presented in three parts running from June through August 2020.

Learn more about the ASM Summer of Science [here](#).

Robin Patel, MD

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**News**

**New Lay Summaries Posted**

ARLG has posted two new lay summaries of results. The first covers the Master-GC study and the second describes results from the RAPIDS-GN study.

Both summaries are on the ARLG website [here](#). Please review and share with your patients and staff.
ASM Microbe Call for Proposals

Don’t forget! The American Society for Microbiology (ASM) Microbe 2021 call for proposal deadline is August 3, 2020 at 5:00 p.m. ET.

Learn more or submit your proposal [here](#).

COVID-19 Research Opportunity for Healthcare Workers

As infection disease specialists, many of you have been on the front lines and behind the scenes working on COVID-19 related activities well before the pandemic became a global problem. This critical work to treat and protect people from COVID-19 may also come with an added physical, emotional, and mental toll on you, your colleagues, and families.

The Healthcare Worker Exposure Response & Outcomes (HERO) Registry invites all people working in health care to share their clinical and life experiences in order to better understand the impact of COVID-19 on healthcare workers. In addition, the HERO Registry provides an opportunity for healthcare workers to participate in clinical research and generate the evidence needed to fight this pandemic.

Please consider joining and sharing this research opportunity with your entire team (respiratory therapists, environmental service workers, nurses, nursing aids, laboratory technicians). All people working in health care can join at [https://www.heroesresearch.org](https://www.heroesresearch.org)

Recent Publications

View the following recent ARLG publications.


