

Feb. 2021 | Issue 12

Upcoming Events

Michigan ASM: 03/21/21

ASM Microbe: 06/03/21 - 06/07/2021

World Microbe Forum: 06/20/21 - 06/24/21

Lilly Austin: 06/03/21 - 06/05/21

ASMCUE: 06/29/21 - 07/01/21

BIOME: 07/19/21 - 08/06/21

AAEEBL: July 2021 (week of your choice)

SABER: July 2021 (Every Friday)

Lilly Asheville: 08/02/21 - 08/04/21

ESA Mid-Atlantic: October 2021

Lilly Traverse: 10/14/21 - 10/16/21

South Central ASM: 10/21/21 - 10/23/21

Lilly Original: 11/18/21 - 11/20/21

If you have other events we can share here

Email us: ugmicronet@gmail.com



Happy Lunar New Year from REMNet!

REMNet would like to wish you a Happy Lunar New Year and Valentine's Day!

We are happy to announce REMNet will be holding a meeting on March 20th, 2021 from 12:00-3:30 PM EST. The focus of the meeting will be on planning and strategizing goals for your working group! The working groups are:

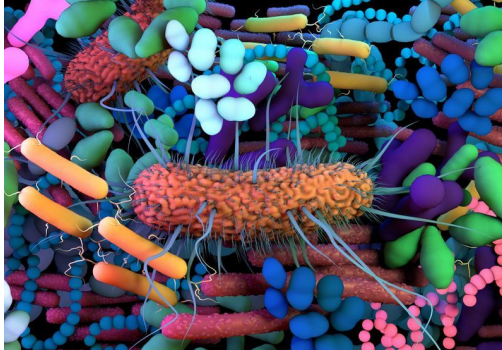
- Access
- Assessment
- Wet lab
- Data Analysis
- Dissemination

Here is the link to register for our meeting:

https://REMNet.formstack.com/forms/march_meeting

- More information will be sent out about the meeting so look out for that!

Exciting Recent Microbiome Studies and News



Fecal Transplant Could Boost Immunotherapy to Treat Melanoma

Immunotherapy, a type of intervention that unleashes the body's own immune cells to better fight cancer, has been a lifesaver for some patients. But it doesn't work for all, and researchers have been trying to figure out why that is.

[Read more](#)

www.the-scientist.com

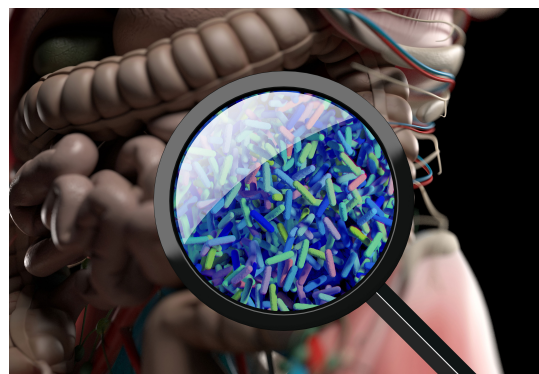


Changes in Gut Microbiome Connected to Alzheimer's-Like...

Study reveals a correlation between the composition of the gut microbiome and behavioral and cognitive performance in mice with Alzheimer's related genes. Oregon Health and Sciences University New research in mice published today in the journal...

[Read more](#)

neurosciencenews.com



Over 100,000 Viruses Identified in the Gut Microbiome

It is important to understand how viruses living in the gut affect human health. Imbalances in our gut microbiome can contribute to diseases and conditions such as obesity, inflammatory bowel disease, and allergies. There is a need to understand...

[Read more](#)

www.genengnews.com

SD

Goodbye UTIs: Scientists develop vaccine strategy for...

Anyone who has ever developed a urinary tract infection (UTI) knows that it can be painful, pesky and persistent. UTIs have a high recurrence rate and primarily afflict women -- as many as 50% of women will experience at least one UTI during...

[Read more](#)
www.sciencedaily.com

bioRxiv
THE PREPRINT SERVER FOR BIOLOGY

Microbiota analysis of rural and urban surface waters...

In many low- and middle-income countries antibiotic resistant bacteria spread in the environment due to inadequate treatment of wastewater and the poorly regulated use of antibiotics in agri- and aquaculture. Here we characterised the abundance...

[Read more](#)
www.biorxiv.org

Speaking of feelings - have you considered your students' feelings

Jesús Peña who is a Ph.D. candidate at the University of California, Riverside, has written a very thoughtful piece on how we should consider the feelings of our students and learn how to empathize with them. According to Jesús, the benefits of doing so include and I quote from the article here:

" Validation: An empathetic response or approach to a situation requires recognizing and understanding the emotional states of others. Phrases like "I understand what you're feeling" are validating others' emotions and experiences. When a person is distressed, this has **positive effects on their emotional state.**" and "Builds Rapport: An empathetic response will build rapport among individuals. It provides an opportunity for individuals to feel heard and understood. **Building rapport can develop "working alliances"** and strengthens interpersonal relationships, ultimately improving collaboration."

The Value of Empathy in Academia: Why You Should Care

March 3, 2021 [SHARE THIS](#)

As a result of the coronavirus pandemic, I taught remotely for the first time. Before the start of the term, I surveyed my students to get a sense of what challenges they anticipated with the new instruction format. At the end of the term, I invited students to submit anonymous feedback with the goal of improving the course.

Despite the numerous positive comments, one negative comment stood out the most. It came from a student who felt I was not sensitive enough to their new learning and living situation and that I was not invested in their learning. As I reflected on this comment, I started to wonder about the role of empathy in academic settings and if it is valued and prioritized in these settings.

What is Empathy?

Empathy is the ability to recognize, understand and share the feelings of another person. From an evolutionary perspective, studies suggest that empathy is likely common among mammalian species that are social and rely on cooperation from other individuals. Primatologists believe that empathy has evolved from more ancient cooperative strategies, like care for offspring and "social antennae" to detect danger.



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