

May 2021 | Issue 15

## Upcoming Events

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: 07/20/21 - 07/22/21

SABER: July 2021 (Every Friday)

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

SENCER: 08/05/21 to 08/22/21

ESA Mid-Atlantic: October 2021

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

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

Sigma Xi: 11/04/21 - 11/7/21

NABT: 11/11/21 - 11/14/21

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

If you have other events we can share here

Email us: [ugmicronet@gmail.com](mailto:ugmicronet@gmail.com)



## Summer is here!

We made it through another year! We hope you are all going to enjoy graduation and are looking forward to a break over the summer.

Over at REMNet, We're getting ready for our presentations at conferences this summer. We have a pre-recorded microbrew for ASMCUE and an iPoster at the World Microbe Forum and we're looking forward to seeing you all there. If you are going we'd love to hear from you, let us know about your sessions.

We also want to remind you to sign up to join our annotation journal club. We'd love to get this up and running this summer so that we'd have some papers to discuss in the fall with our classes. Let us know at REMNet if you'd like to join by joining our Hypothes.is group here

<https://hypothes.is/groups/2oo1Vo3q/remnet>

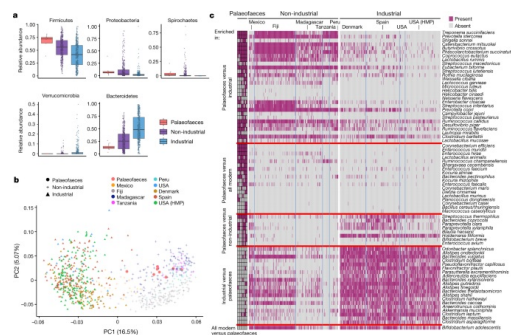
Let's annotate  
"Gut microbiota"

# through an evolutionary lens"

Loading annotation for science.sciencemag.org

[Read more](#)  
hyp.is

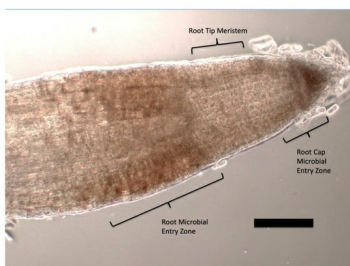
## Exciting Recent Microbiome Studies and News



## Reconstruction of ancient microbial genomes from the...

Loss of gut microbial diversity<sup>1-6</sup> in industrial populations is associated with chronic diseases<sup>7</sup>, underscoring the importance of studying our ancestral gut microbiome. However, relatively little is known about the composition of pre-industrial...

[Read more](#)  
[www.nature.com](http://www.nature.com)



## Chemical Interactions at the Interface of Plant

# SD

## Root...

In this research, we conducted histochemical, inhibitor and other experiments to evaluate the chemical interactions between intracellular bacteria and plant cells. As a result of these experiments, we hypothesize two chemical interactions between ...

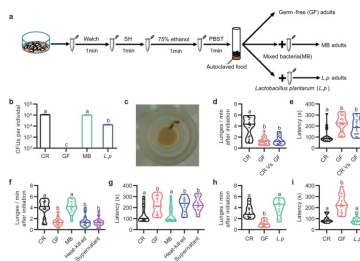
[Read more](#)  
[www.mdpi.com](http://www.mdpi.com)

## Engineered bacteria show promise for sustainable biofuel

...

Acetone, a volatile solvent used for everything from removing nail polish and cleaning textiles to manufacturing plastics, could get a sustainability boost from a new strain of bacteria engineered by a research team based in Japan. They published ...

[Read more](#)  
[www.sciencedaily.com](http://www.sciencedaily.com)



## Gut microbiome modulates Drosophila aggression through...

Gut microbiome profoundly affects many aspects of host physiology and behaviors. Here we report that gut microbiome modulates aggressive behaviors in Drosophila. We found that germ-free males showed substantial decrease in inter-male aggression,...

[Read more](#)  
[www.nature.com](http://www.nature.com)



## Life in the deep freeze - the revolution that changed...

I've been fascinated by glaciers since I was 14, when geography textbooks taught me about strange rivers of ice that crept down yawning valleys like giant serpents stalking their next meal. That kernel of wonder has carried me through a career of ...

[Read more](#)  
[theconversation.com](http://theconversation.com)



## How the trees in your local park help protect you from...

On your next visit to the park, try and count all the different species you can see. Away from the closely mown grass, you might spot wildflowers attended by pollinating insects, like bees, wasps and hoverflies.

[Read more](#)  
[theconversation.com](http://theconversation.com)

### News for co-PI Davida Smyth

Davida Smyth from REMNet is headed to Texas A+M in San Antonio, this August, to start a new tenured Associate Professor of Microbiology position. She has had an eventful couple of weeks as she was the Eugene Lang College of Liberal Arts Commencement Speaker, she received the Excellence in Academic Advising Award from Eugene Lang and most excitingly, she became a US citizen. We wish her well on her transition to from NYC to Texas.



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