



Welcome!

Issue 3, March 2021

Welcome!

We are delighted to present the Spring 2021 edition of the Center for Evolutionary Biology and Medicine (CEBaM) newsletter, which provides recent information about our members, updates and scientific accomplishments. Founded in 2017, we want to continue to stimulate research and collaborations focused using evolutionary biology to improve human health.

All Eyes On.....



Congratulations to our own **Anne-Ruxandra Carvunis** on being one of the winners of the [2021 Sloan Research Fellowship in Computational & Evolutionary Molecular Biology](#). These early-career scholars represent the most promising scientific researchers working today. Their achievements and potential place them among the next generation of scientific leaders in the U.S. and Canada. Congratulations Anne!

If You Haven't Heard.....

Scientists don't know yet whether coronavirus mutations repeatedly evolving and spreading in the U.S. makes the variants more contagious, but they are concerned that it might. Quoted in both The New York Times and CNN, **Dr. Vaughn Cooper**, whose team discovered these mutations, provides more insight. (Click the photos below to read more)

The logo for The New York Times, featuring the words 'The New York Times' in a white, gothic-style serif font on a black background.



New and Notable Publications

[Evolution and development of complex eyes: a celebration of diversity](#)

[Transmission Dynamics and Microevolution of Neisseria Meningitidis During Carriage and Invasive Disease in High School Students, Georgia and Maryland, USA, 2006-2007](#)

[Clinical and Genomic Epidemiology of Carbapenem – Nonsusceptible Citrobacter spp. at a Tertiary Health Care Center over 2 Decades](#)

[Finding Order in the Chaos: Outstanding questions in Klebsiella pneumoniae pathogenesis](#)

[Emergence in late 2020 of multiple lineages of SARS-CoV-2 Spike protein variants affecting amino acid position 677](#)

[Genomic and Chemical Diversity of Bacillus subtilis Secondary Metabolites against Plant Pathogenic Fungi](#)

[New genes from borrowed parts](#)



Be sure to mark your calendars and check out [Club EvMed](#) - a web series launched in April 2020 to keep the evolutionary medicine community connected during a time of pandemic-related social distancing. These regularly held virtual meetings are styled around the idea of a journal club, with a different topic and discussion leader each time. Organized by the International Society for Evolution, Medicine, and Public Health (ISEMPH) and five evolutionary medicine centers: the Triangle Center for Evolutionary Medicine (TriCEM), the UCLA Evolutionary Medicine Interdisciplinary Center, the ASU Center for Evolution and Medicine, the **Pittsburgh Center for Evolutionary Biology and Medicine**, and the University of Zurich Institute of Evolutionary Medicine – all are welcome!

Coming up.....

Thursday, March 25th at 12 pm EST – *Harnessing the social lives of microbes to improve human health* – Sign up [here](#) for the meeting link

We'd Like to Hear From You!

Do you have some news you would like to share? Recent publications? Let's keep sharing information! Please send your news to: Kristie Bowman, BOWMANKL2@UPMC.EDU