

SAVE THE DATES!

**FIFTH ANNUAL MICROBIOME SYMPOSIUM:  
Microbes, Metabolomics and Modern Diseases  
Nov 7-8, 2018**

HOSTED BY  
THE PENNCHOP MICROBIOME PROGRAM AND THE PENNVET CENTER FOR HOST-  
MICROBIAL INTERACTIONS

CO-ORGANIZERS:  
ROBERT BALDASSANO MD, DANIEL BEITING PHD, FREDERIC BUSHMAN PHD, GARY WU MD

Wednesday, November 7 at 6pm

University Community and Public Talk at PennVet

Speaker:

**CARL ZIMMER, SCIENCE WRITER**

Thursday, November 8 from 8am – 6pm

University of Pennsylvania BRB II/III Auditorium

Speakers:

**MICHAEL ABT PHD, UNIVERSITY OF PENNSYLVANIA**  
**CÉSAR DE LA FUENTE NUNEZ PHD, UNIVERSITY OF PENNSYLVANIA**  
**PIETER DORRESTEIN PHD, UNIVERSITY OF CALIFORNIA AT SAN DIEGO**  
**KATHRYN HAMILTON PHD, CHILDREN'S HOSPITAL OF PHILADELPHIA**  
**MAAYAN LEVY PHD, UNIVERSITY OF PENNSYLVANIA**  
**JESSICA MARK-WELCH PHD, MARINE BIOLOGY, WOODS HOLE**  
**CHRISTOPH THAISS PHD, UNIVERSITY OF PENNSYLVANIA**  
**JOSEPH ZACKULAR PHD, CHILDREN'S HOSPITAL OF PHILADELPHIA**

