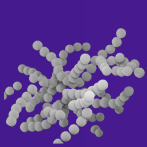




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**GLOBAL VIRTUAL SYMPOSIUM ON
PNEUMONIA AND PNEUMOCOCCAL
DISEASES | OCTOBER 29, 2025 | ONLINE**

Scientific Program

Time zone: Eastern Time (USA)

08:30-08:40 Opening Remarks

Session Chair: Feroze A. Ganaie, The University of Alabama at Birmingham Heersink School of Medicine, AL, USA

08:40-09:10 Juan Jose Calix, The University of Alabama at Birmingham Heersink School of Medicine, AL, USA
What is hiding in the fringes of bacterial capsule variability?

09:10-09:40 Jing Ren Zhang, Tsinghua University, China
Capsule receptor-based capture of invasive pneumococci in the lungs and bloodstream

09:40-10:10 Martin Antonio, MRC, Gambia and LSHTM, United Kingdom
Outbreaks of pneumococcal disease in West Africa

10:10-10:40 Xue Liu, Shenzhen University, China
*Genome-wide CRISPRi-seq identifies FprB as a synergistic target for gallium therapy in *Pseudomonas aeruginosa**

10:40-11:10 John M. Leong, Tufts University School of Medicine, MA, USA
Older but no wiser: Neutrophils, epithelium, and age-associated susceptibility to bacterial pneumonia

11:10-11:30 Networking Break

Session Chair: Norberto Gonzalez Juarbe, University of Maryland College Park, MD, USA

11:30-12:00 Daniel C. Nelson, University of Maryland, MD, USA
*ClyX-1 and the future of endolysin therapeutics against *S. pneumoniae**

12:00-12:30 Norberto Gonzalez Juarbe, University of Maryland College Park, MD, USA
Inter-kingdom interactions between influenza and pneumococci lead to bacterial reprogramming

12:30-13:00 Feroze A. Ganaie, The University of Alabama at Birmingham Heersink School of Medicine, AL, USA
Discovery of a novel pneumococcal capsule type that may evade vaccine-induced immunity

13:00-13:30 Hansol Im, Marshall University, West Virginia, WV, USA
*Carbon utilization and metabolic adaptation of *Streptococcus pneumoniae* in the dynamic lung microenvironment*

13:30-14:00 Jonathan Zintgraff, National Administration of Laboratories and Health Institutes (ANLIS), Argentina
The impact of vaccine implementation on circulating serotypes in Argentina

14:00 Concluding Remarks

Contact us



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