

ANTIMICROBIAL RESISTANCE Foundations Course

Thursdays at 12:00-1:00 PM

Fall 2026

Zoom link:
[Click here](#) or
use QR code



Week	Topic	Faculty	Objective	Dates 2026
1	Pharmacokinetics/Pharmacodynamics of AMR	Cecilia Truc Tran, PharmD tttran4@houstonmethodist.org	Review relevant concepts of PK/PD and their influence on development and prevention of resistance	Thurs., Sept 24
2	Microbiome and AMR	Taryn Eubank, PharmD taeubank@Central.UH.EDU	Provide overview of the microbiome and antimicrobial resistance	Thurs., Oct 1
3	Genomics and AMR	Hossaena Ayele, PhD hossaena.ayele@uth.tmc.edu	Methods to incorporate genomics into AMR research	Thurs., Oct 8
4	New Drug Development	Chetna Dureja, PhD chetnadureja@exchange.tamu.edu	Drug discovery against MDRO organisms	Thurs., Oct 15
5	NO CLASS ID Week			Thurs., Oct 22
6	Global Antimicrobial Resistance	Cesar Arias, MD, PhD CAArias@houstonmethodist.org	Global Antimicrobial Resistance and implications to human health	Thurs., Oct 29
7	Antiviral resistance	Joe Hyser, PhD jh126641@bcm.edu	Emerging area of antiviral resistance and new antiviral drug development	Thurs., Nov 5 CANCELLED
8	Antimicrobial stewardship	Edward Septimus, MD eseptimus@gmail.com	How antimicrobial stewardship limits antimicrobial resistance	Thurs., Nov 12

For additional information contact Kevin Garey (kgarey@central.uh.edu) or Vicki Alger (va22@rice.edu)