



LABORATORY SCIENTISTS USE  
**GENOMIC SEQUENCING**  
TO GATHER GENETIC DATA ON  
THE CHARACTERISTICS OF PATHOGENS  
**TO DETERMINE HOW THEY**  
MOVE FROM ANIMALS TO PEOPLE,  
BECOME RESISTANT TO ANTIMICROBIALS, AND  
**SPREAD IN POPULATIONS.**



## GENOME SEQUENCING



U.S. Department of  
Health and Human Services  
Centers for Disease  
Control and Prevention

**ADVANCED  
MOLECULAR  
DETECTION**  
[www.cdc.gov/amd](http://www.cdc.gov/amd)