

# Microbial Metabolism, Interactions, & Immunology

R D Y Z J E I B M Y C O B I O N T V S W Z J C K  
 U Y Z Q L R P W X P C Y T O C H R O M E S C G W  
 M K K D U K R T U C U A H E N O N I U Q I B U B  
 I S N C R Z E B N I D M M E A C T I V E S I T E  
 N K M K N I C R R N S M Q E N U H Z C E G L I T  
 A O N L O V U S U O E E C M U I T R O S N O C N  
 N L O Q I Y R I Y G T N M H V I P M E F V P N O  
 T I I S T F S S J R Y S P W H R I I U A Q A O I  
 S G T E A B O O X E C A F E M Y Z N E O C T I T  
 I N A M N C R I P X O L E K E X A G C V E H T A  
 S O C O I X M B B E L I P F D E E I W X I O C D  
 E C I S M G E M J G U S Q V S Q H I Z G D G A E  
 I E F Y A W T Y Z T N M C D V P M G T U D E E R  
 O L I X S P A S G C A Q L G O S K O S G K N R P  
 P L R O N E B T H M R N G R I O Y L S R T I G P  
 O U T B A E O O J H G I T L U O G Z I W S C N Y  
 T L I R R R L U Q S I O O L D H H G L B K I I O  
 A O N A T N I D I O R B V Z R Q G Y X K R T Z Z  
 M S Y C I X T Q S P A C I N O G R E D N E Y I F  
 E E X T T F E N T T J K Q H V D W Y Y I L U D E  
 H U C O C E S G A T U S J G P G M G I F J Z I C  
 T E T N O I T C A E R G N I C U D E R F V Z X K  
 L S E M Y Z O B I R W E A N A B O L I S M I O Q  
 C O M M E N S A L I S M S R O T C A F O C W F J

Precursor metabolites	Oxidizing reaction	Reducing reaction	Lignocellulose
Transamination	Hematopoiesis	Nitrification	Pathogenicity
Carboxysomes	Commensalism	Granulocytes	Active Site
Ammensalism	Cytochromes	Catabolism	Consortium
Endergonic	Protrophic	Ubiquinone	Anabolism
Cofactors	Exergonic	Mycobiont	Predation
Ribozymes	Ruminants	Symbiosis	Biofilms
Coenzyme	Lectin		