

# Contents

## Genetics

### Genetic Principles and Mechanisms

Mendel Lab	1
Cytogenetics Lab	19
DNA Structure and Replication Lab	23

### Genetic Code Expression

Protein Synthesis Lab	35
Blood Typing Lab	49
Karyotyping Lab	55
Ethics Lab	67

## Osteology

Human Osteology Lab	69
Osteometry Lab	85
Skeletal Reconstruction Lab	99

## Evolution

Hardy-Weinberg Equilibrium Lab	119
Biological Classification Lab	127

## Primateology

Comparative Cranial Osteology Lab	135
Comparative Postcranial Osteology Lab	153
Primate Behavior Lab	169

## Fossil Hominins

Pliocene Hominins Lab	181
Early Primate Evolution Review	
<i>Australopithecus</i>	
<i>Paranthropus</i>	
Early <i>Homo</i>	
Pleistocene Hominin Evolution Lab	207
<i>Homo erectus</i>	
Archaic <i>Homo sapiens</i> or <i>Homo heidelbergensis</i>	
Neandertal	
Modern Humans	

## References

227