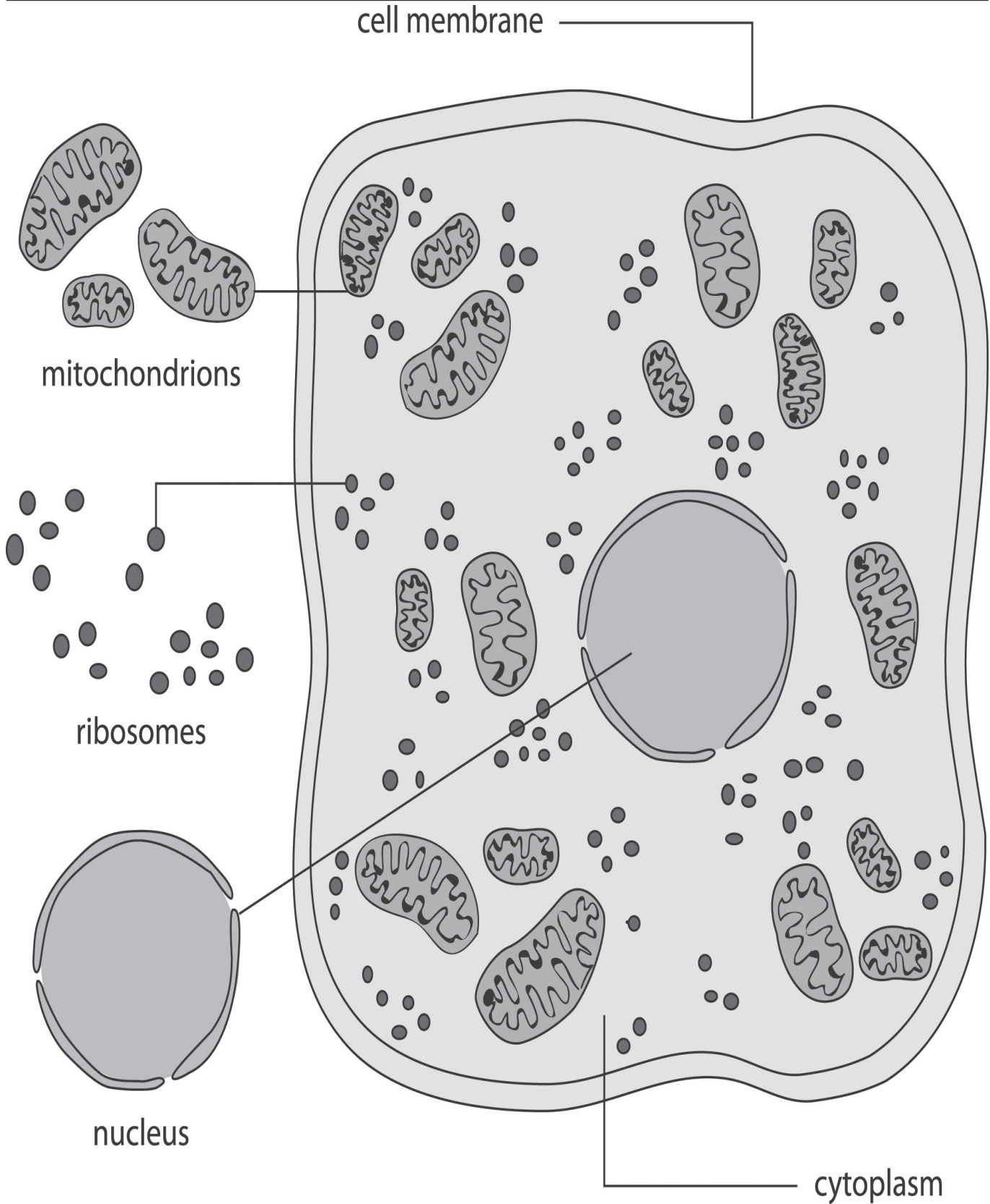


NATURAL SCIENCES

RESOURCE PACK
GRADE 9 TERM 1

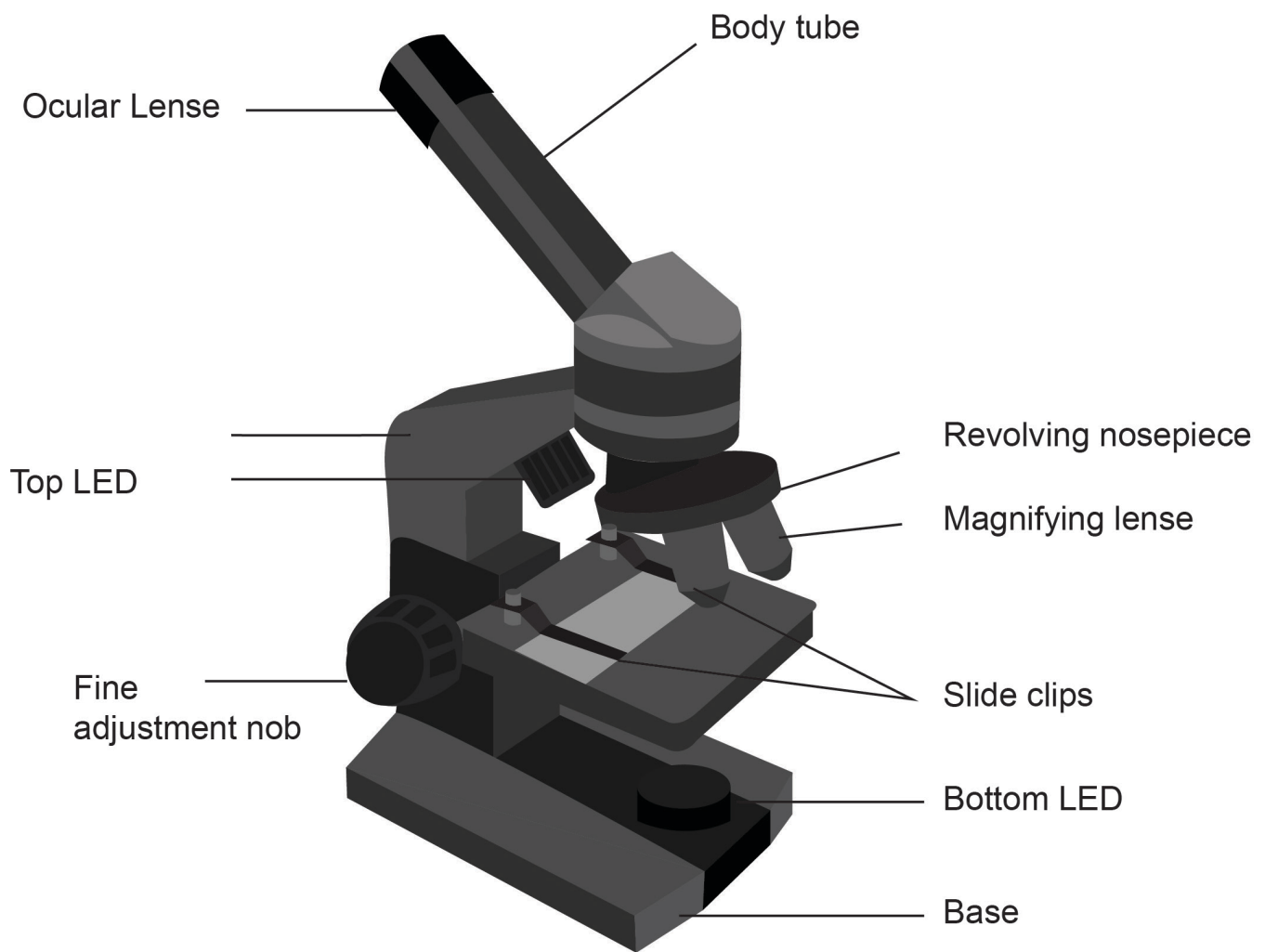


LABELLED DIAGRAM OF AN ANIMAL CELL

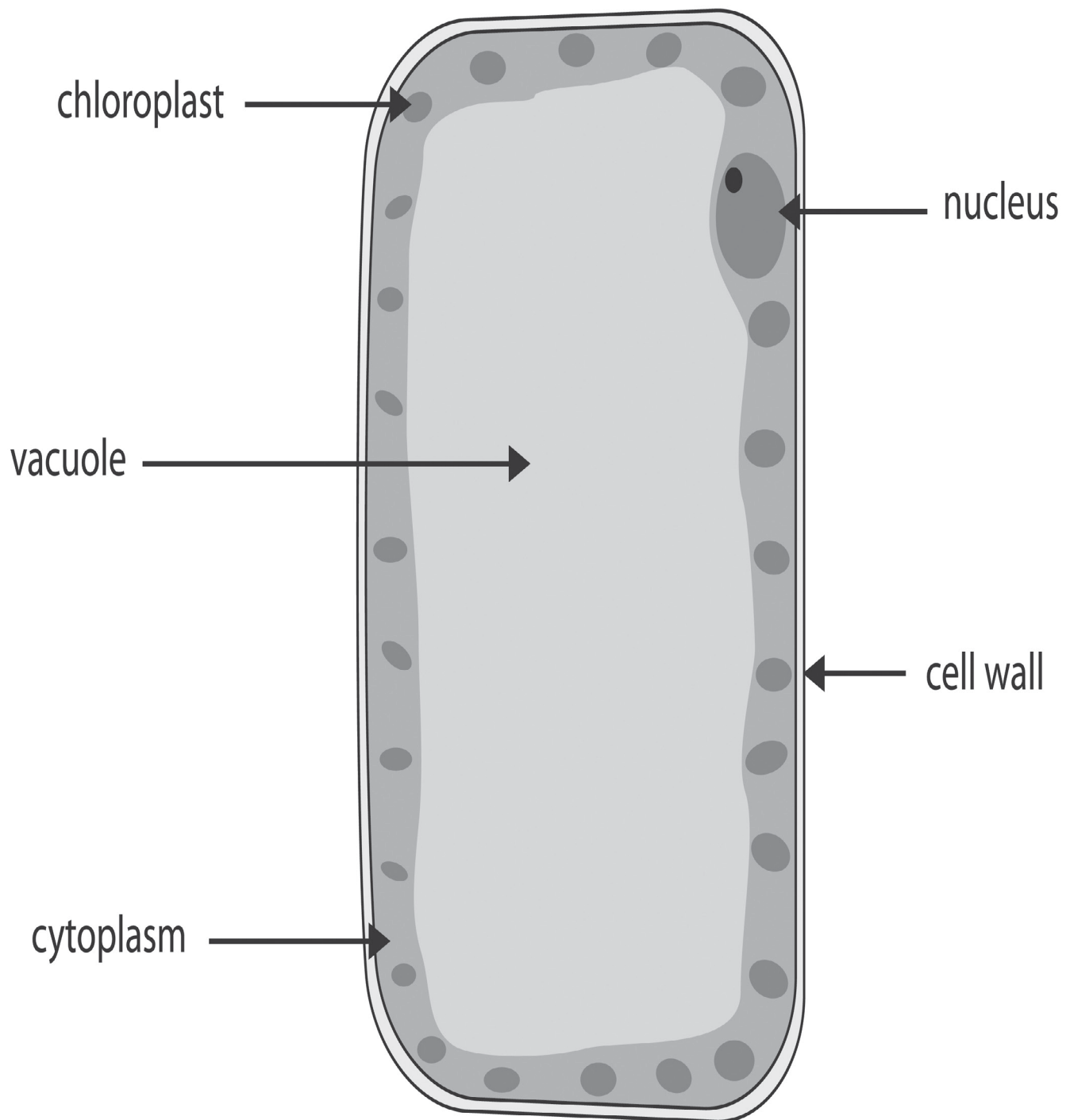


RESOURCE 2

LABELLED PHOTOGRAPH OF A LIGHT MICROSCOPE



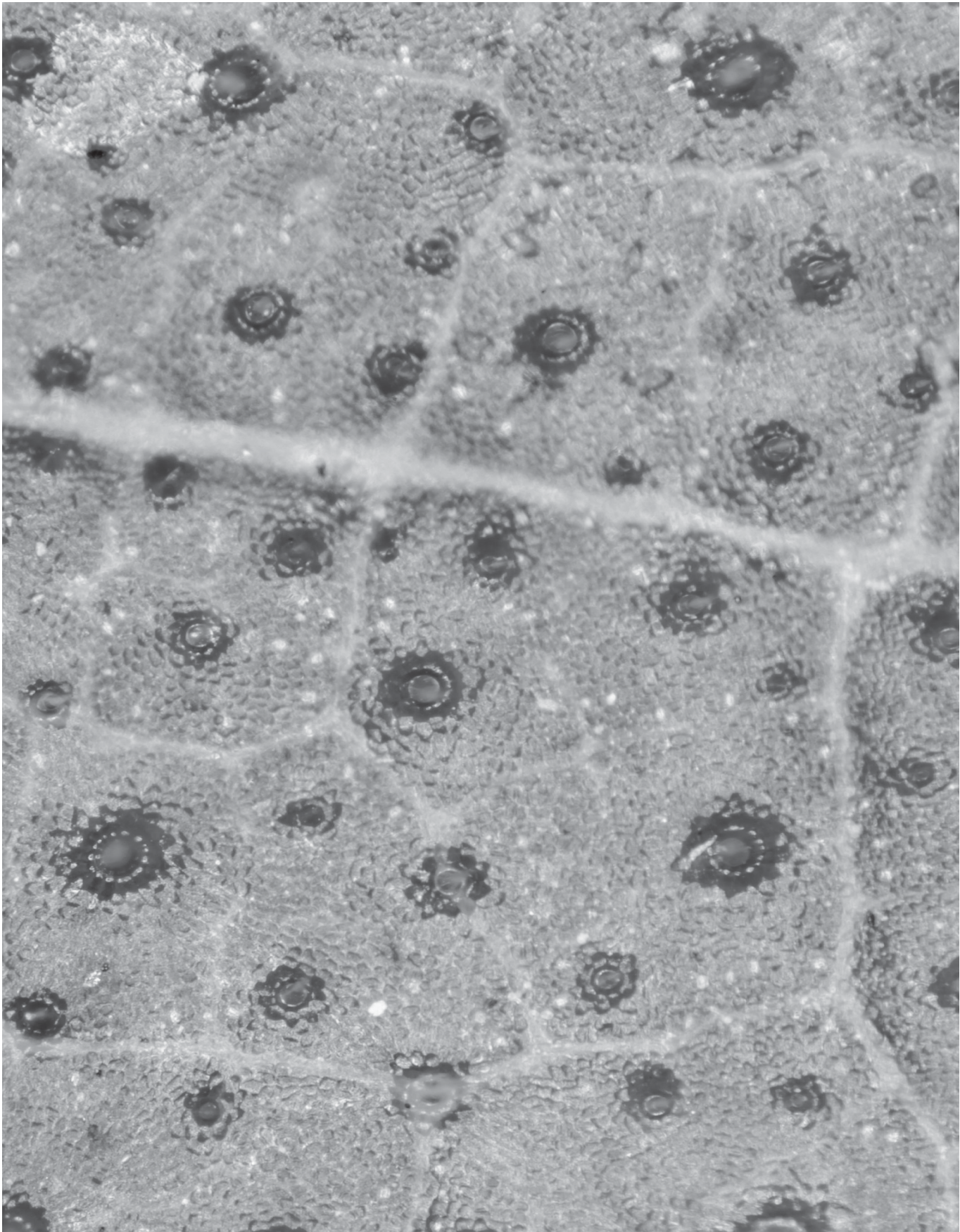
Plant Palisade Cell



RESOURCE 4.1

P. Xunbin/Shutterstock

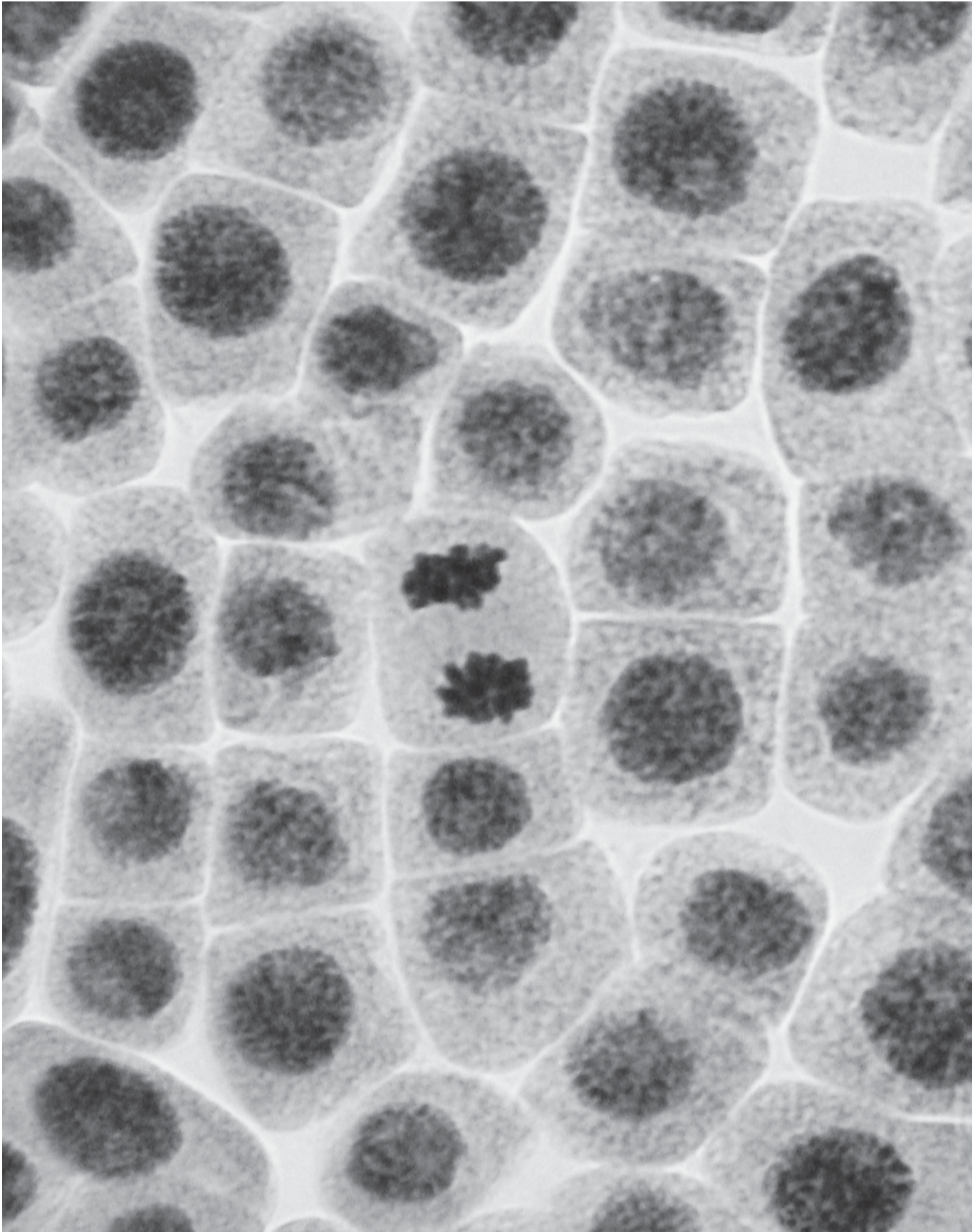
MICROGRAPH OF PLANT CELLS



RESOURCE 4.2

Dimarion/Shutterstock

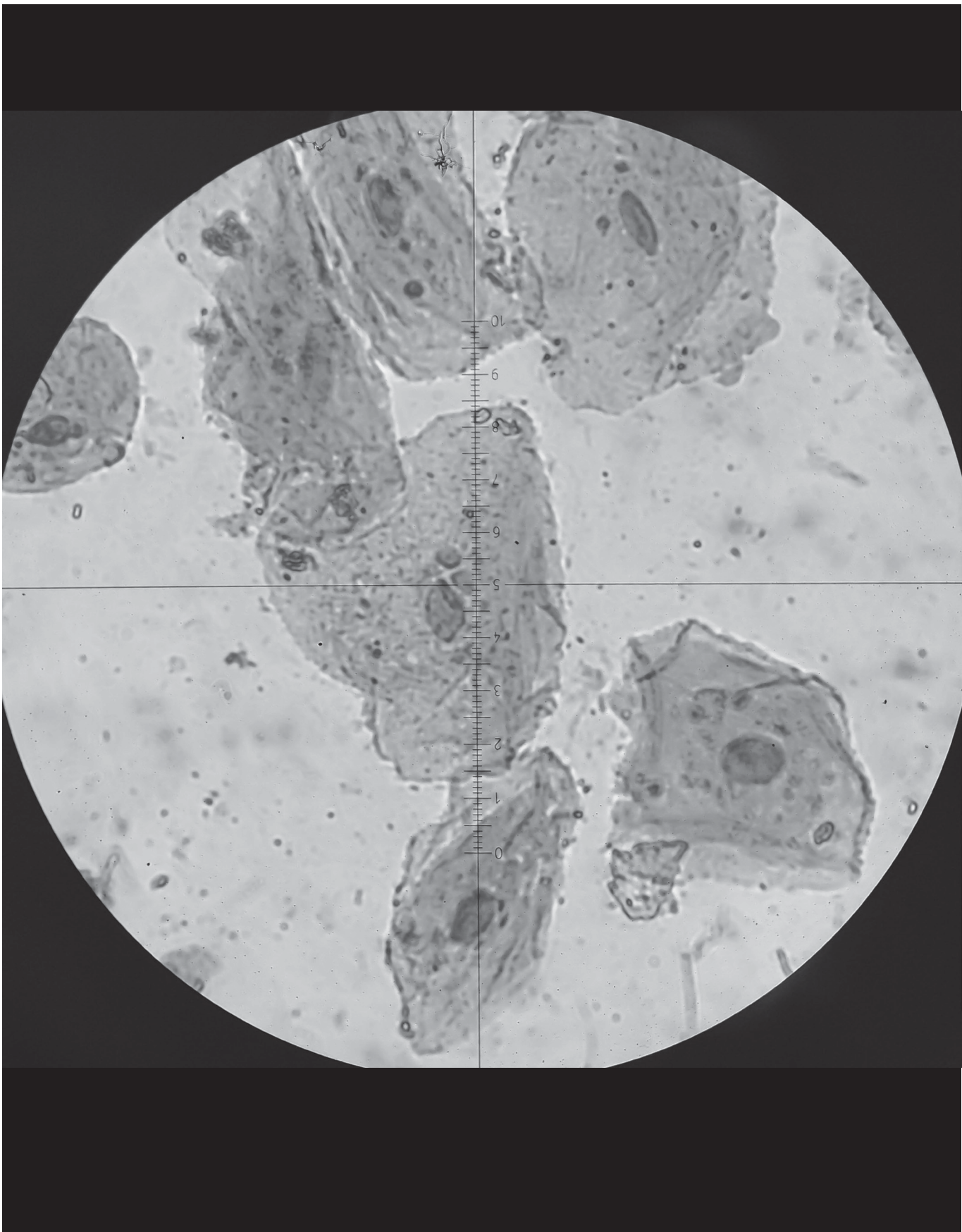
MICROGRAPH OF ANIMAL CELLS



RESOURCE 5

T. Tumwapee/Shutterstock

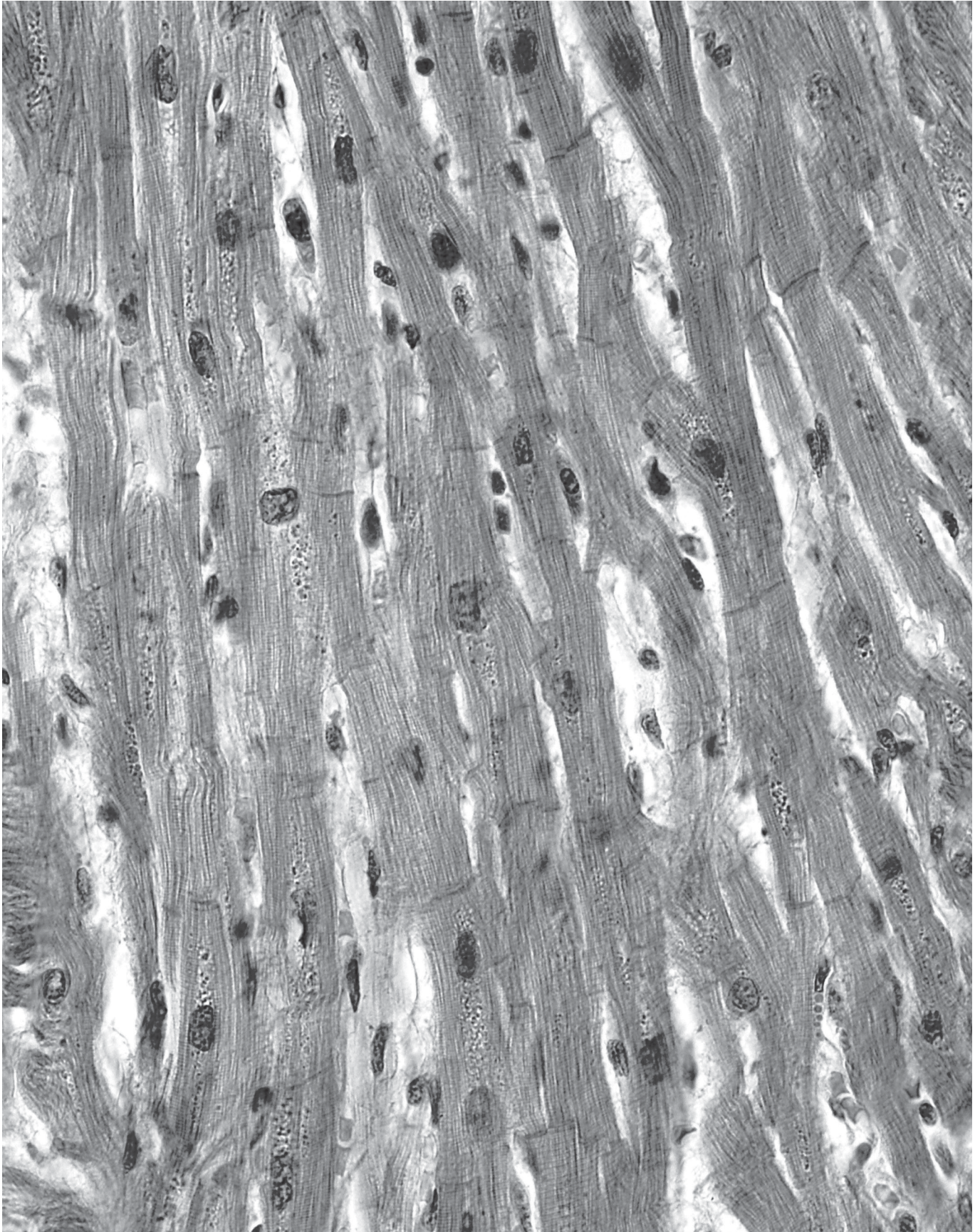
MICROGRAPH OF CHEEK CELLS MUSCLE CELLS



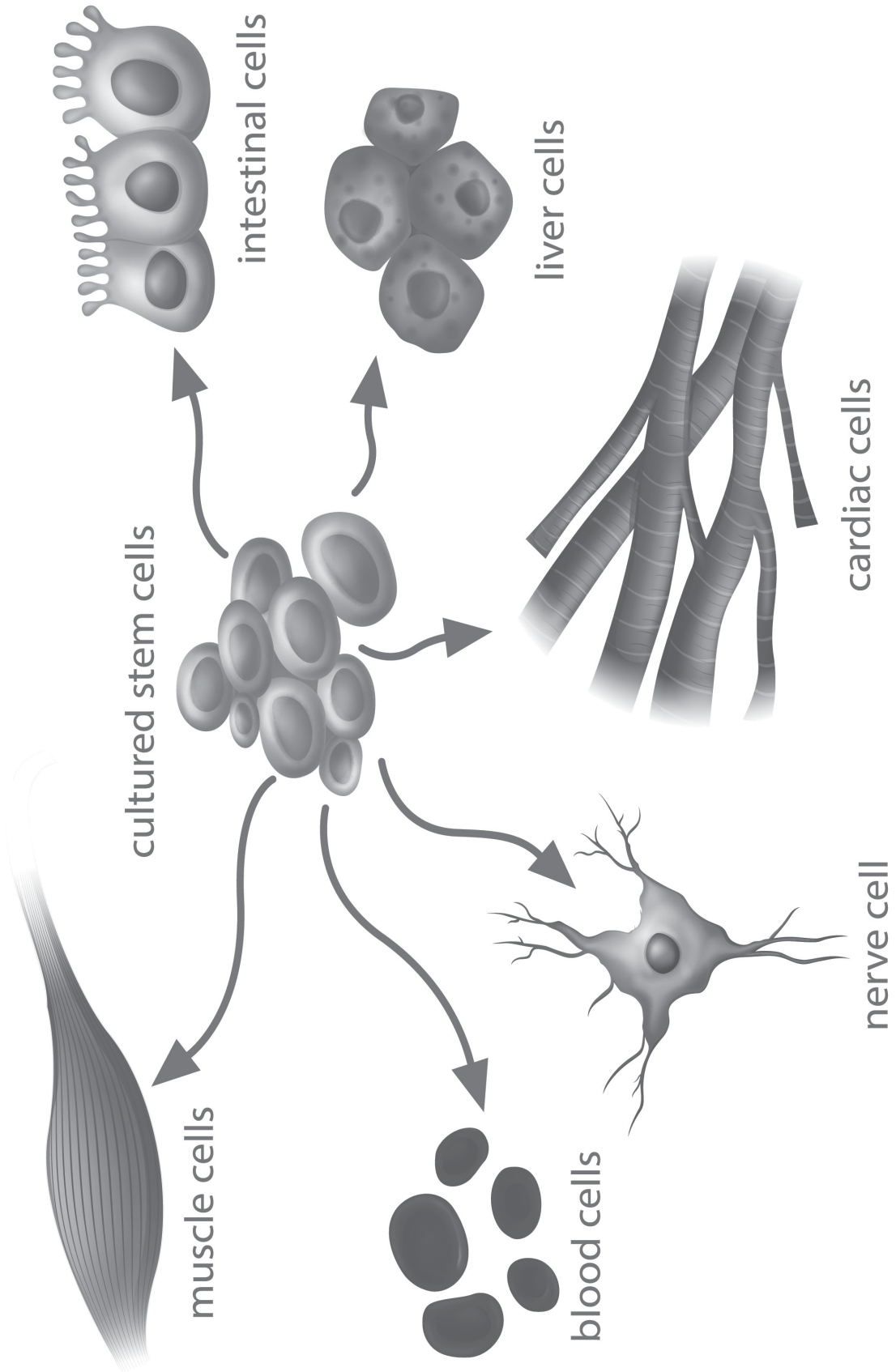
RESOURCE 5

J.Calvo/Shutterstock

MICROGRAPH OF MUSCLE CELLS



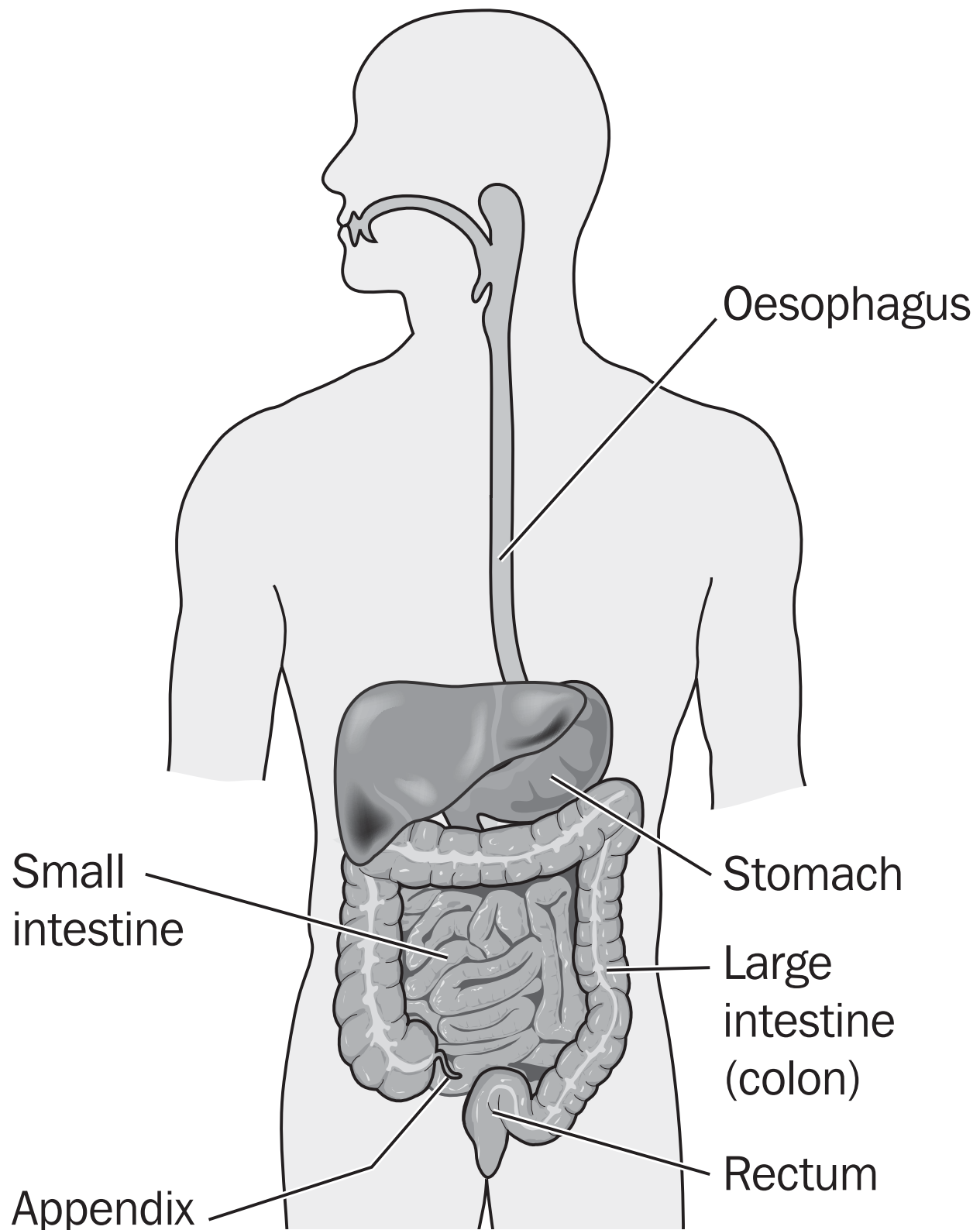
Human Stem Cell Applications



RESOURCE 7

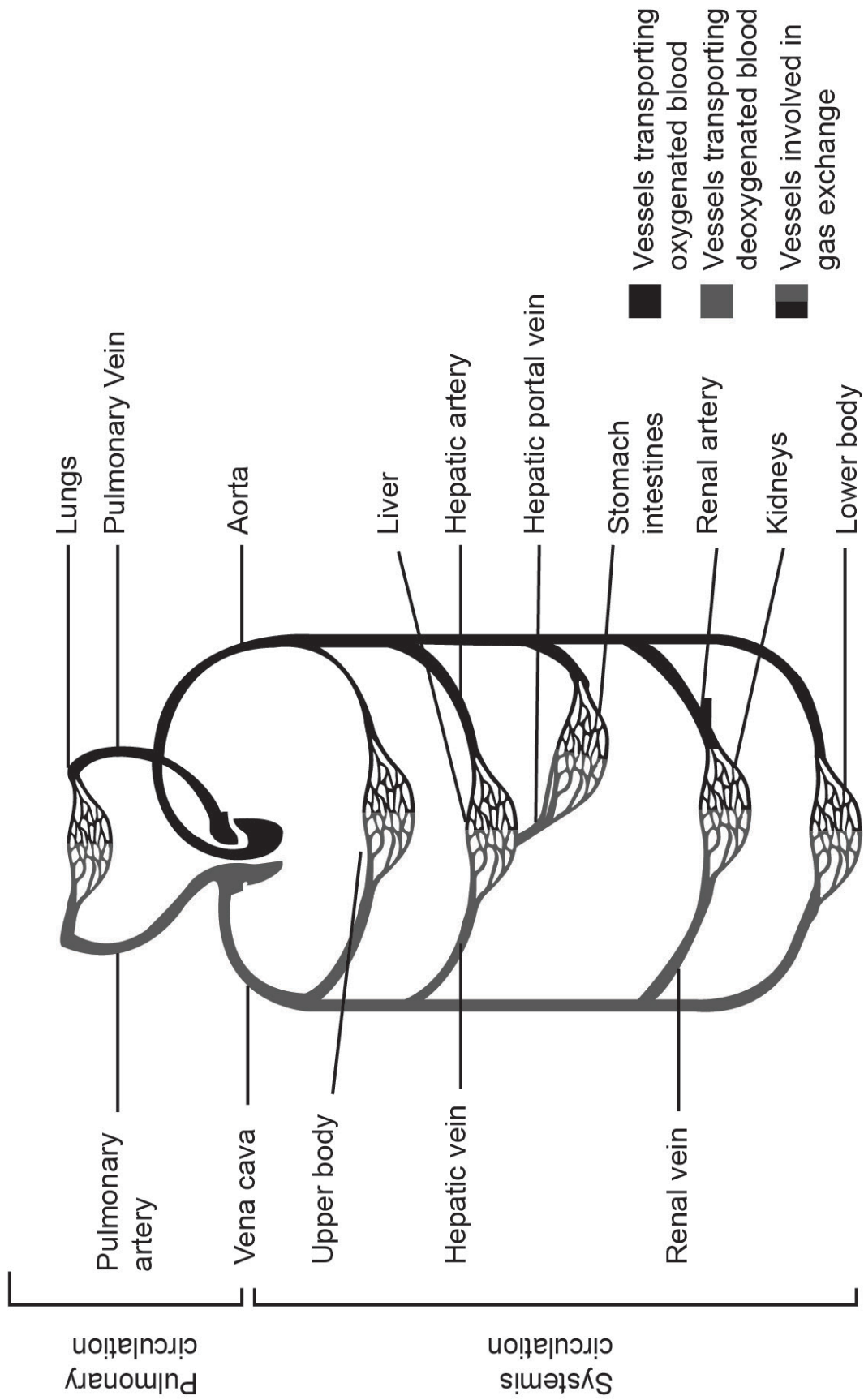
Blamb/Shutterstock

HUMAN DIGESTIVE SYSTEM



RESOURCE 8

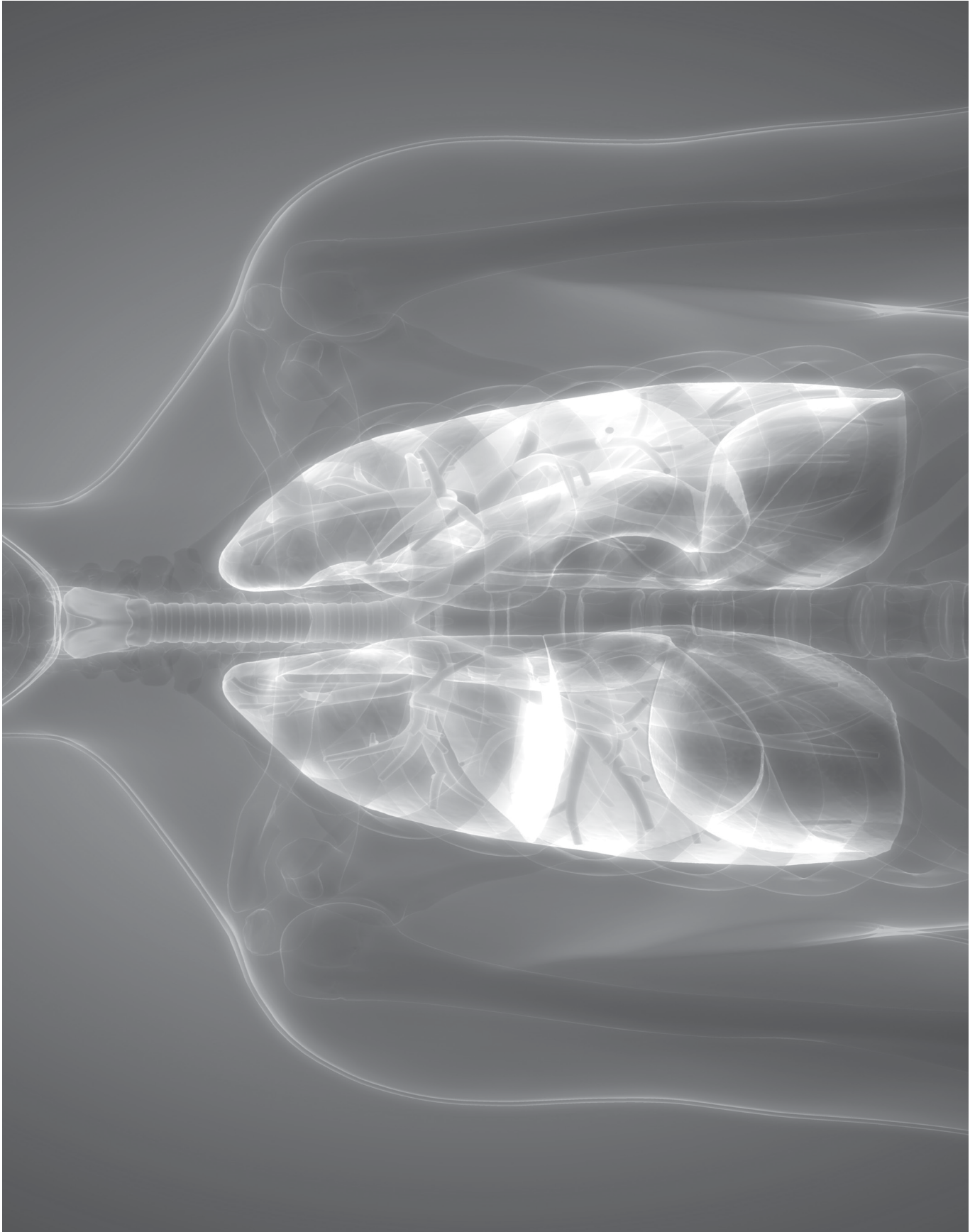
HUMAN CIRCULATORY SYSTEM



RESOURCE 9

Magic Mine/Shutterstock

HUMAN LUNGS AND TRACHEA



RESOURCE 10.1

Mr3d/Shutterstock

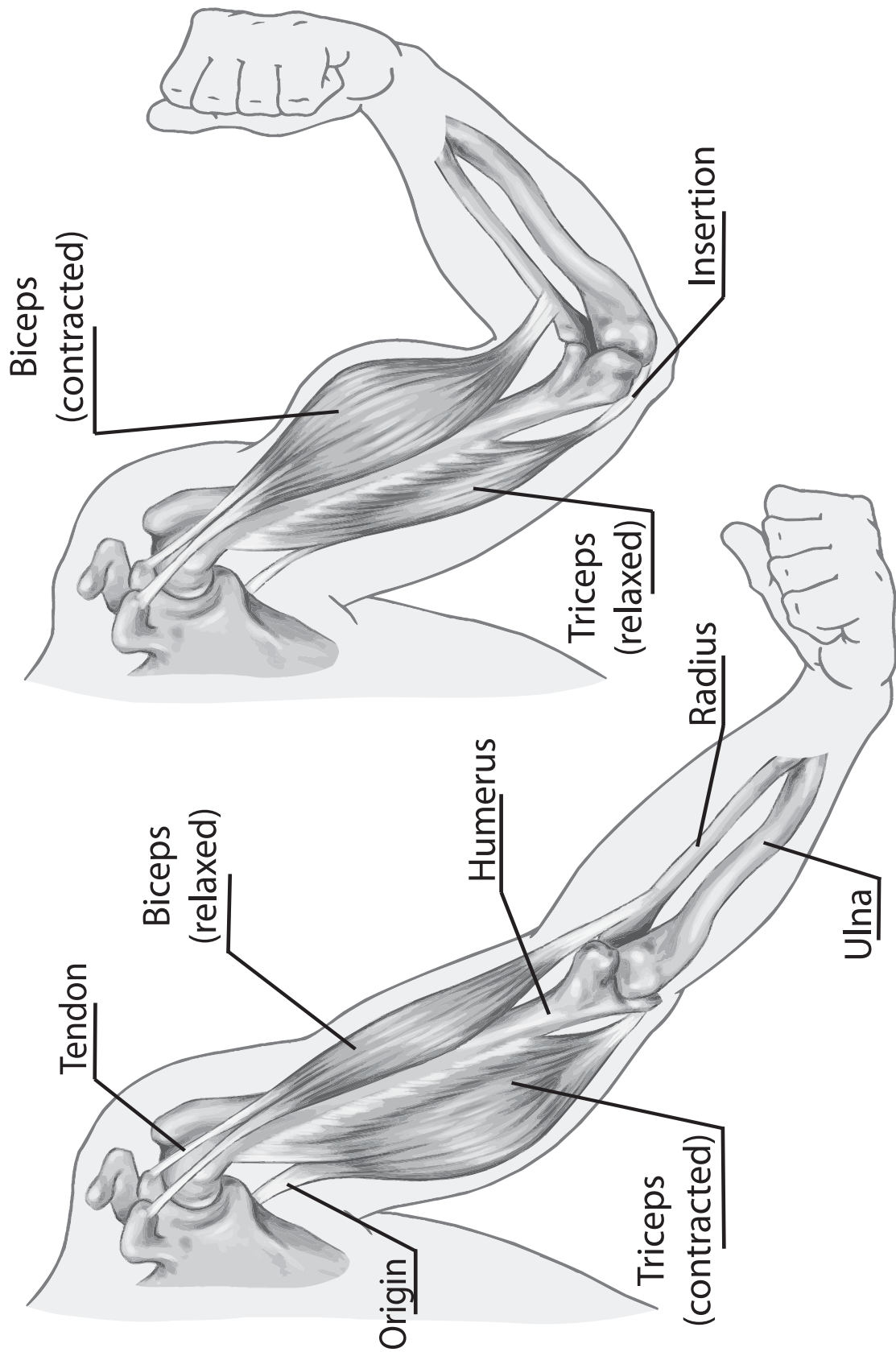
HUMAN SKELETON



RESOURCE 10.2

Stihil/Shutterstock

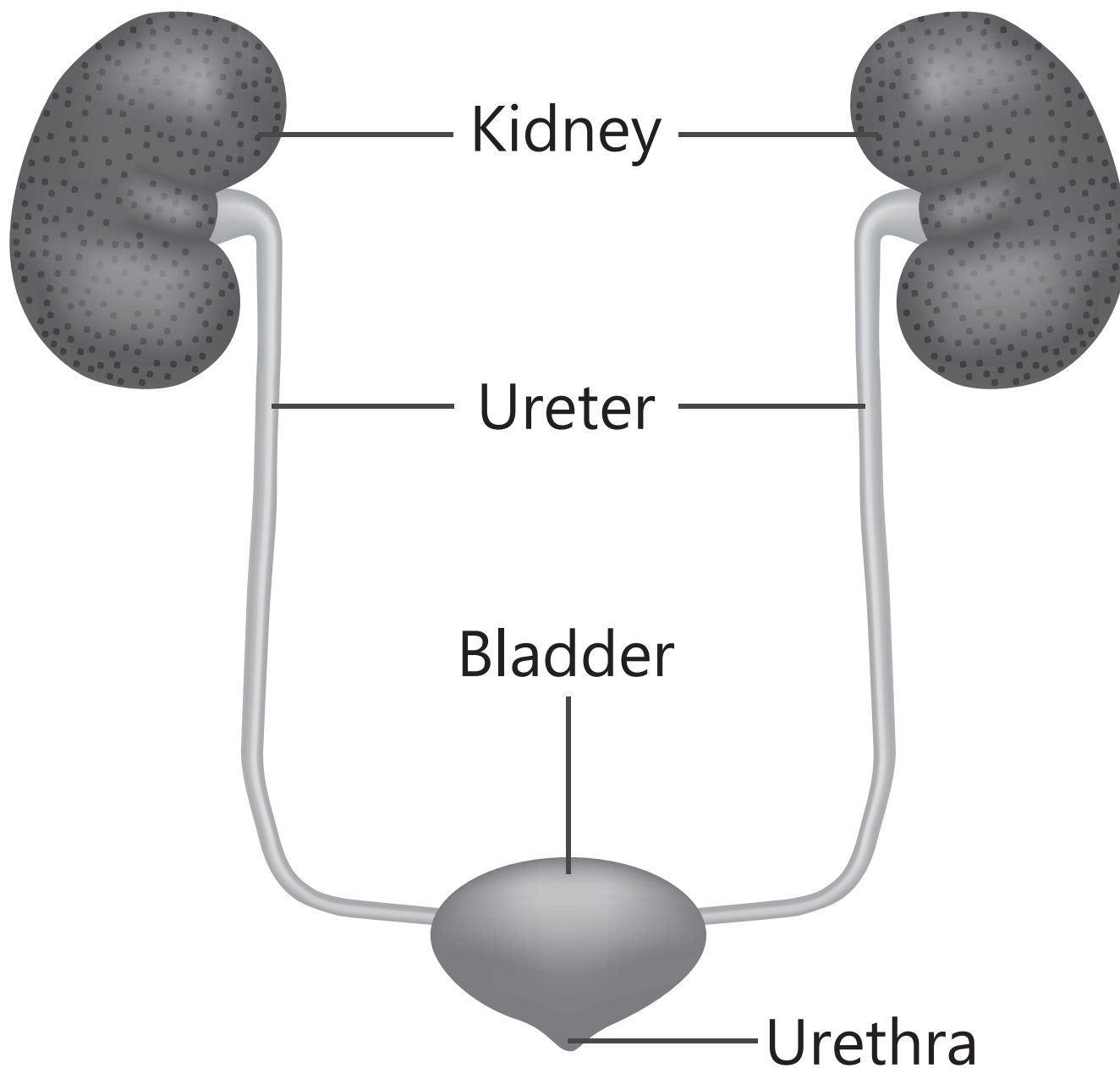
HUMAN ARM FLEXING THE BICEP



RESOURCE 11

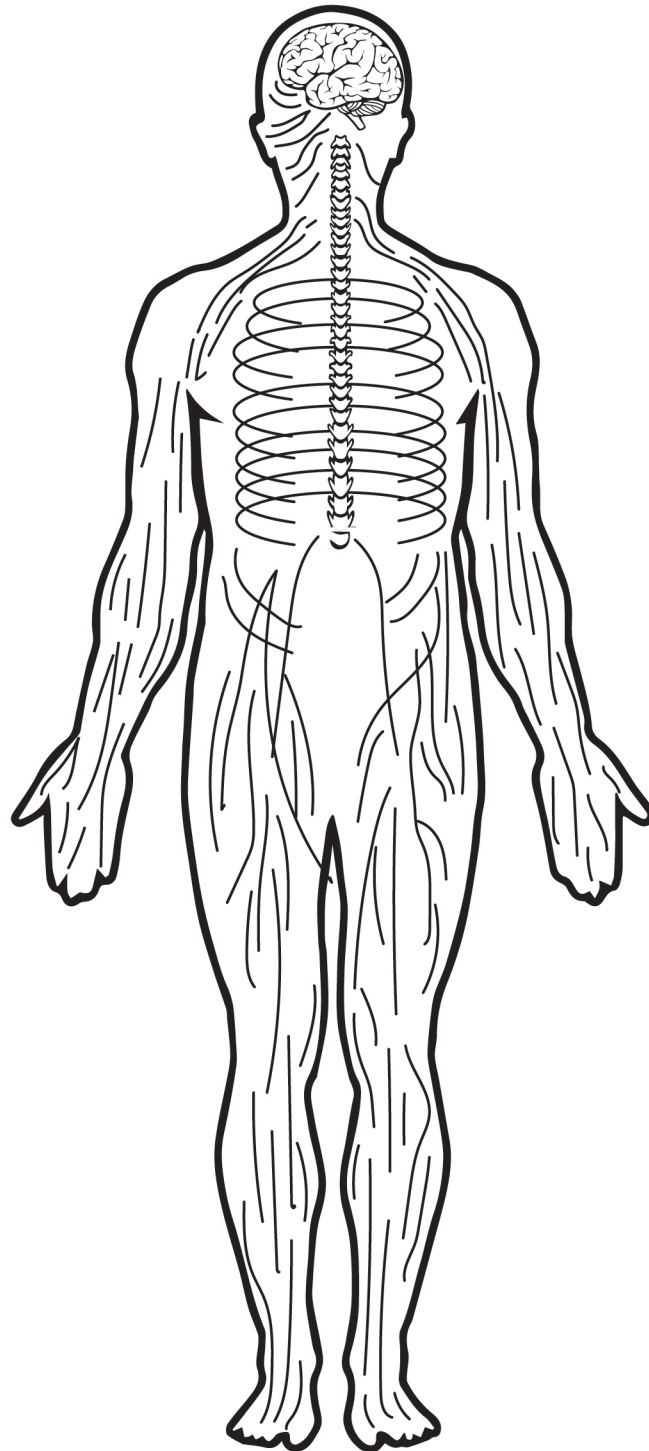
Neokruger/Shutterstock

ORGANS OF THE HUMAN EXCRETORY SYSTEM



RESOURCE 12

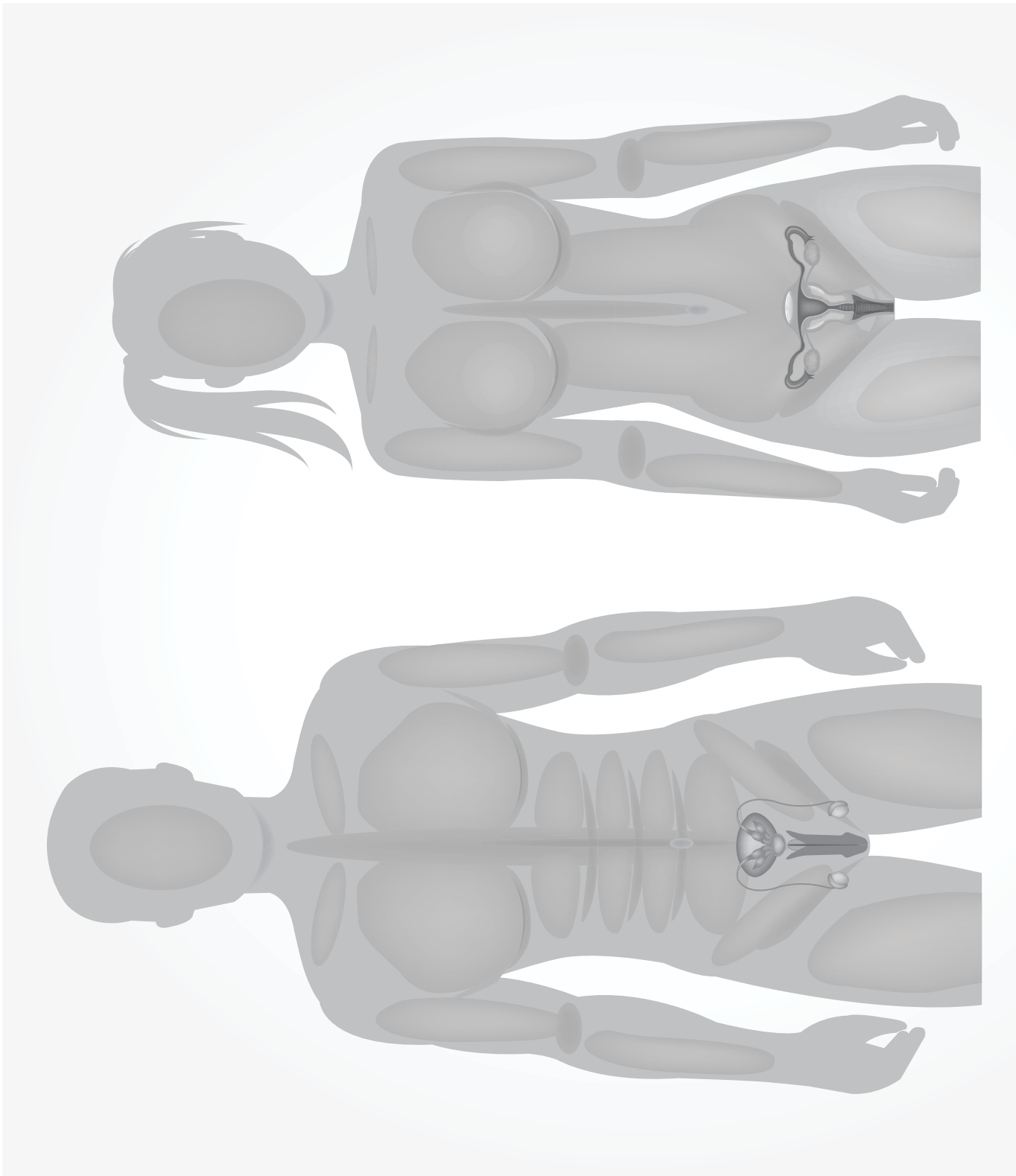
HUMAN NERVOUS SYSTEM



RESOURCE 13

Pretty Vectos/Shutterstock

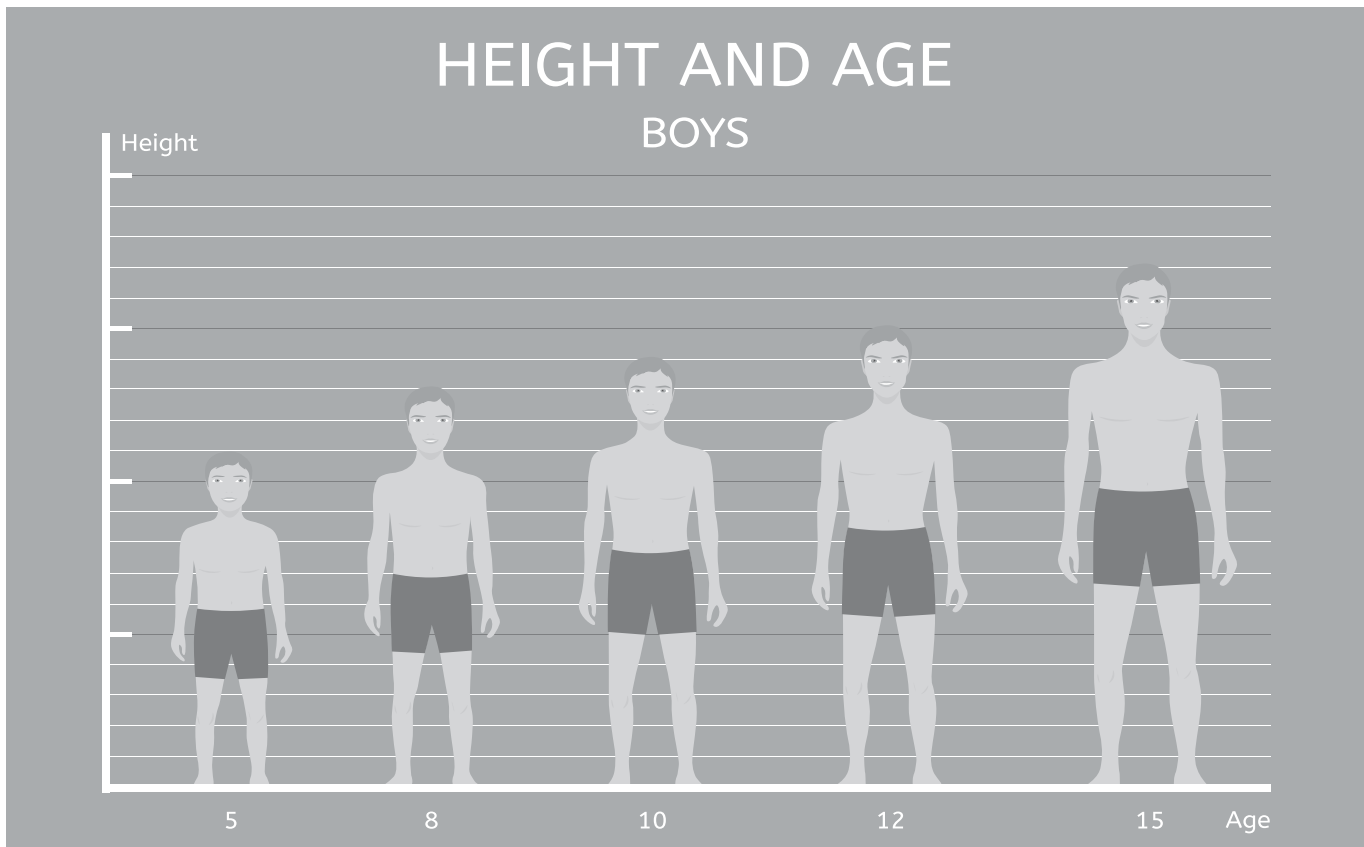
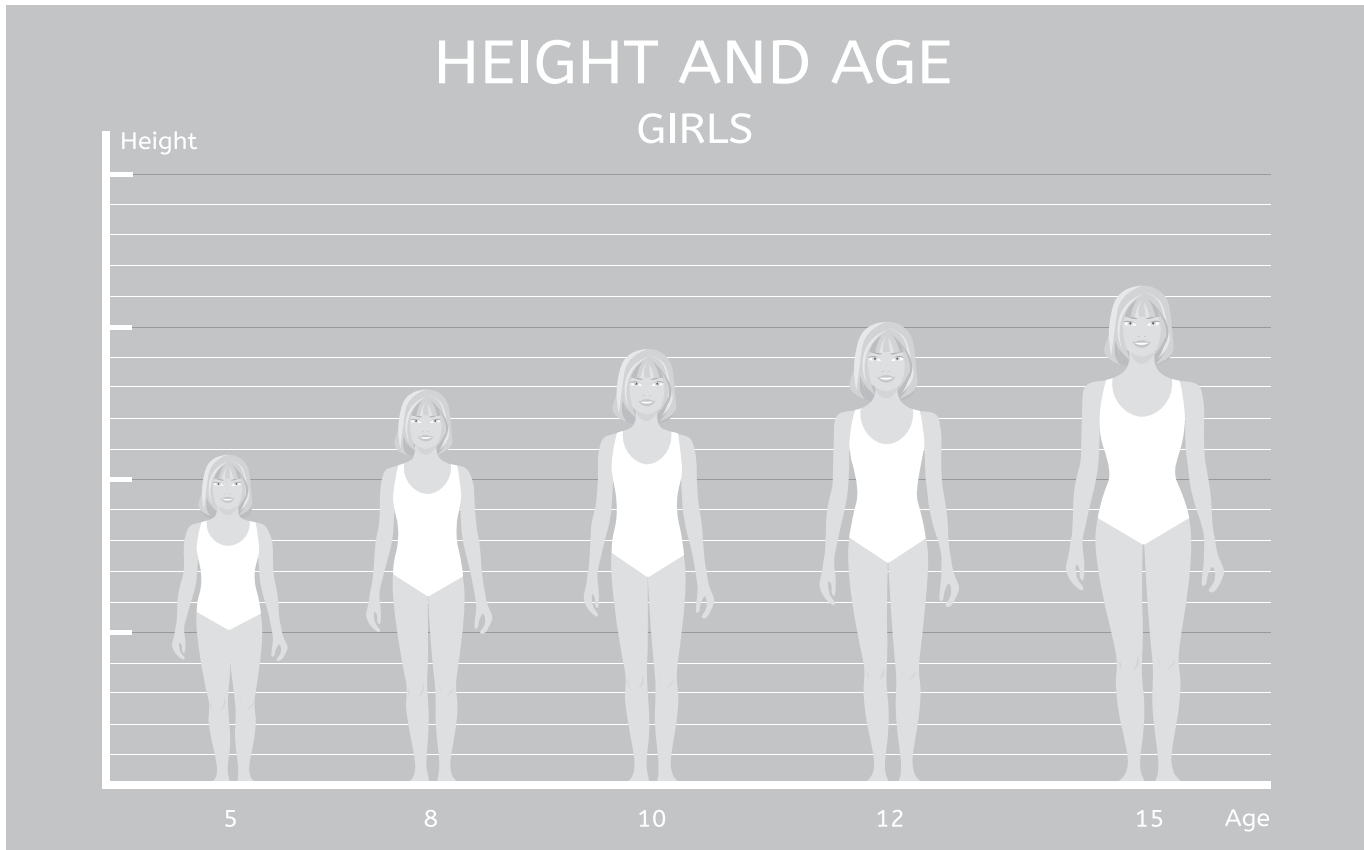
POSITION OF MALE AND FEMALE REPRODUCTIVE ORGANS IN THE BODY



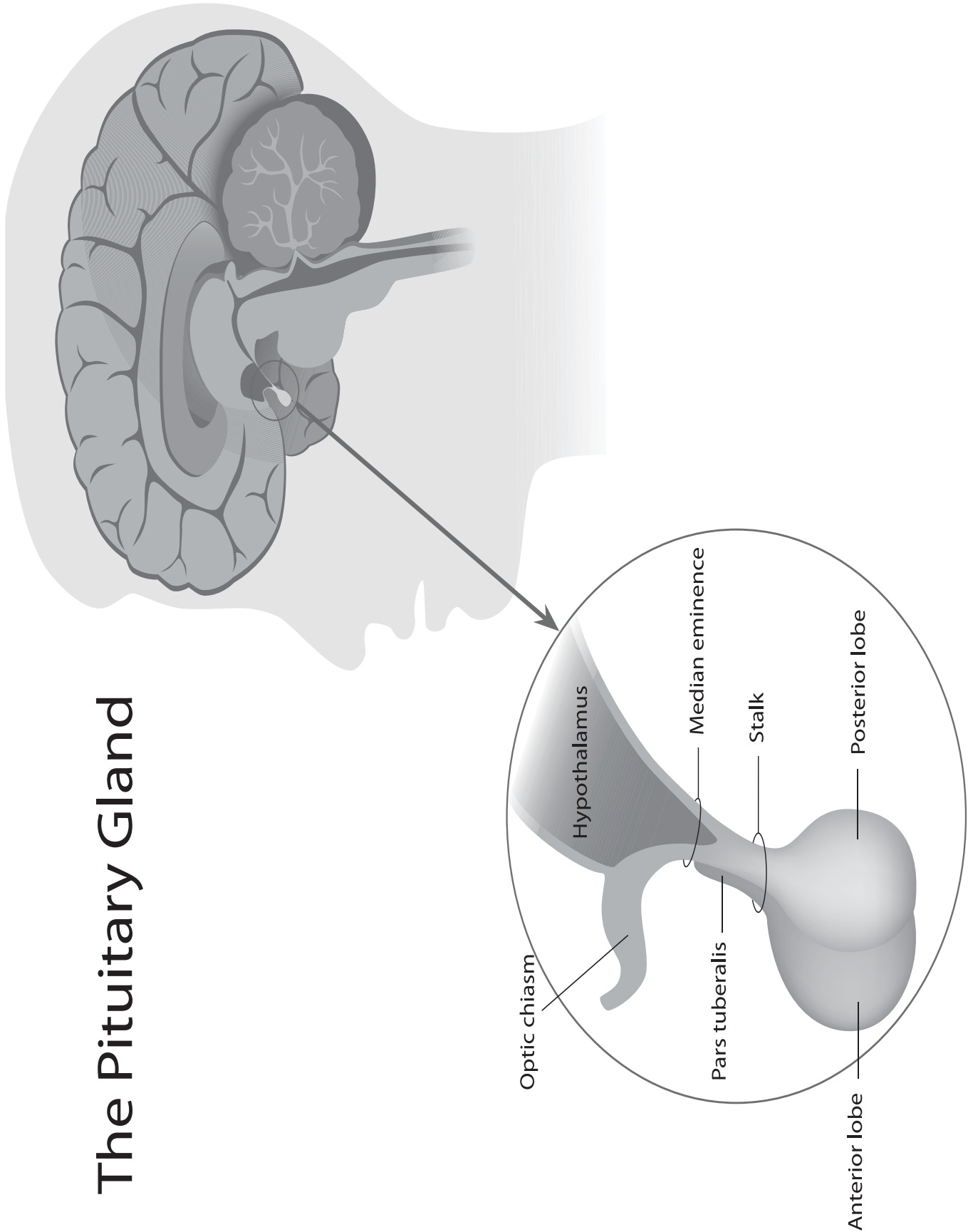
RESOURCE 14

Moremar/Shutterstock

HEIGHT CHANGES IN GIRLS AND BOYS



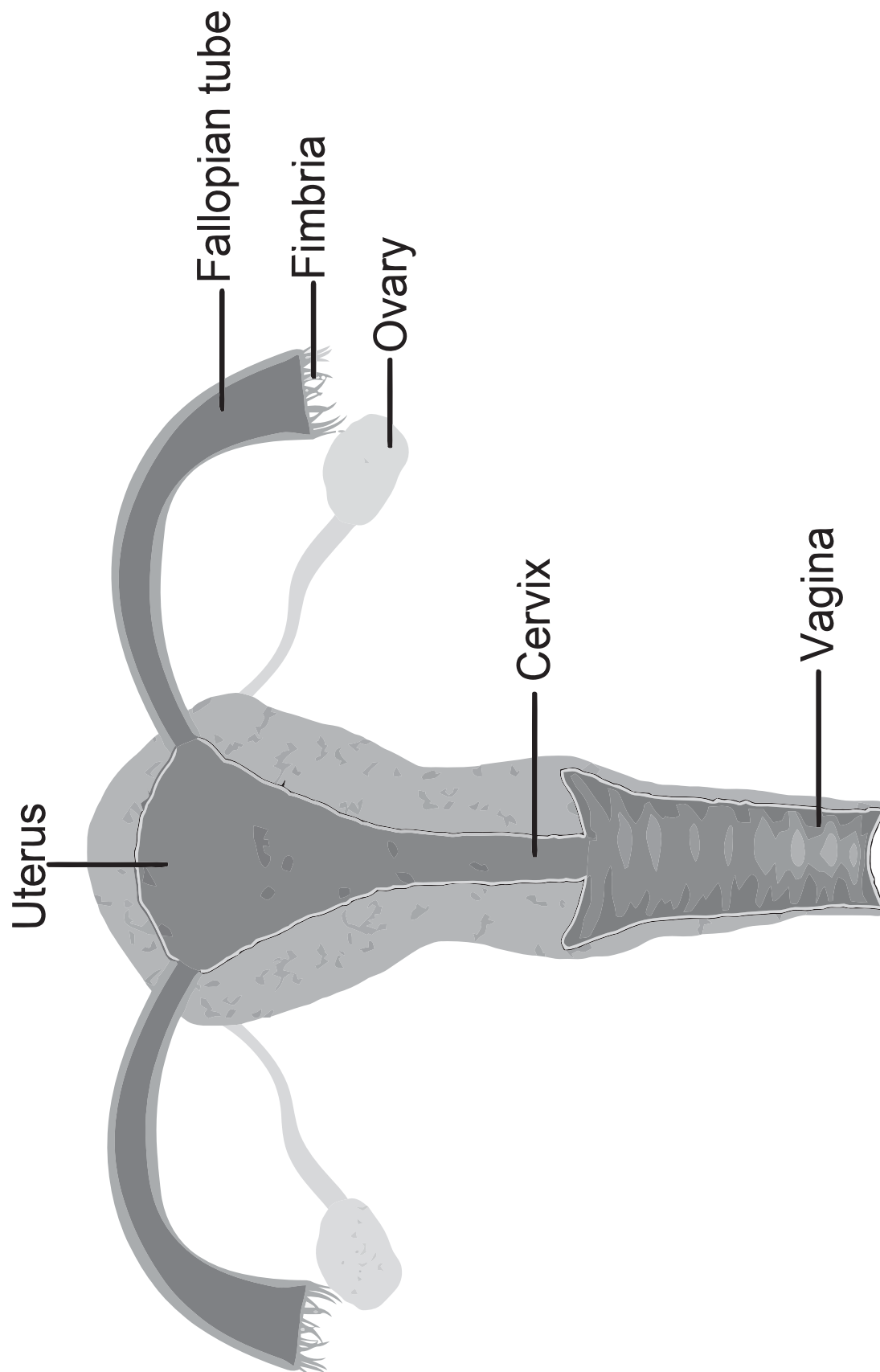
The Pituitary Gland



RESOURCE 16.1

Ducu59us/Shutterstock

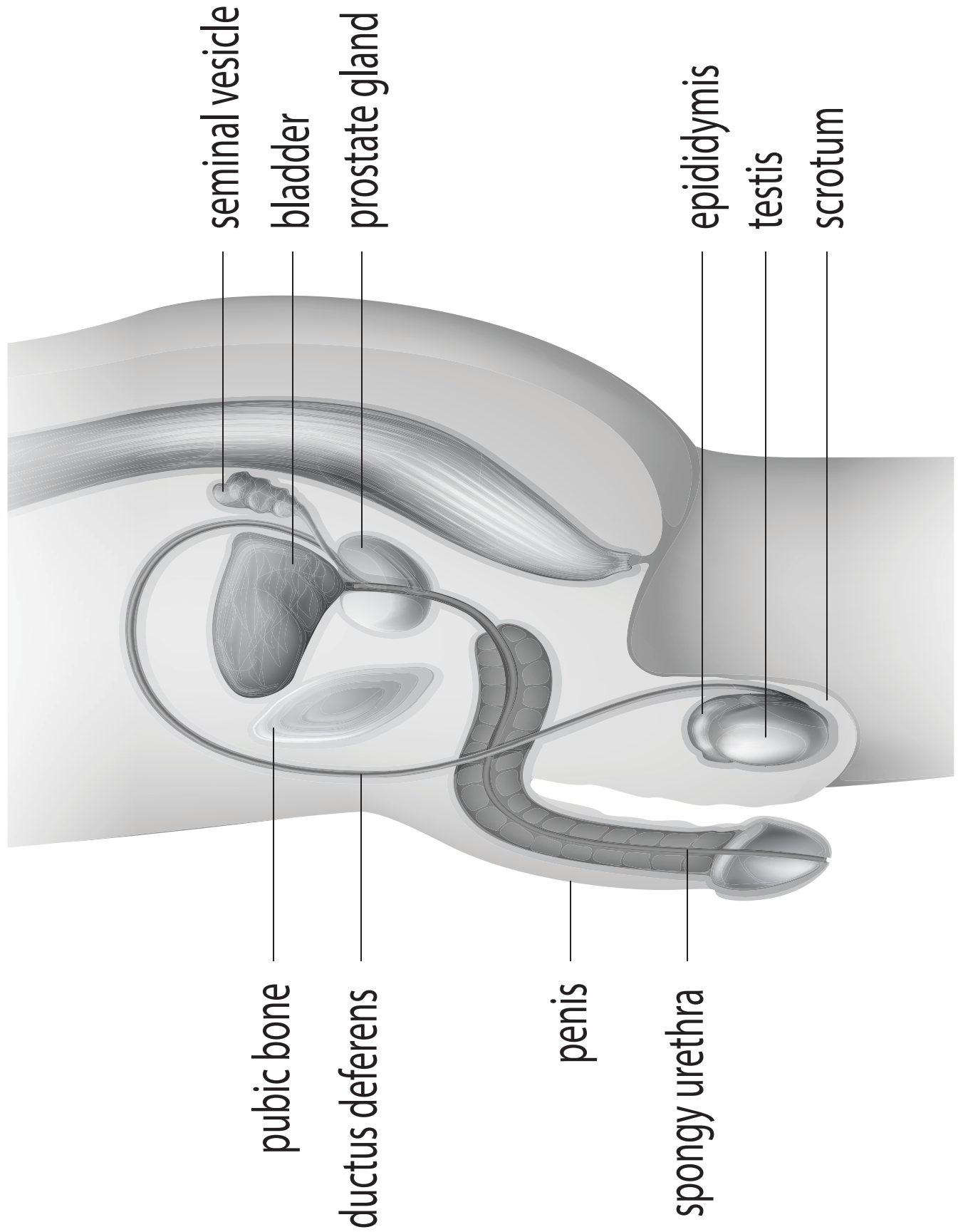
FEMALE REPRODUCTIVE SYSTEM



RESOURCE 16.2

BlueRingMedia/Shutterstock

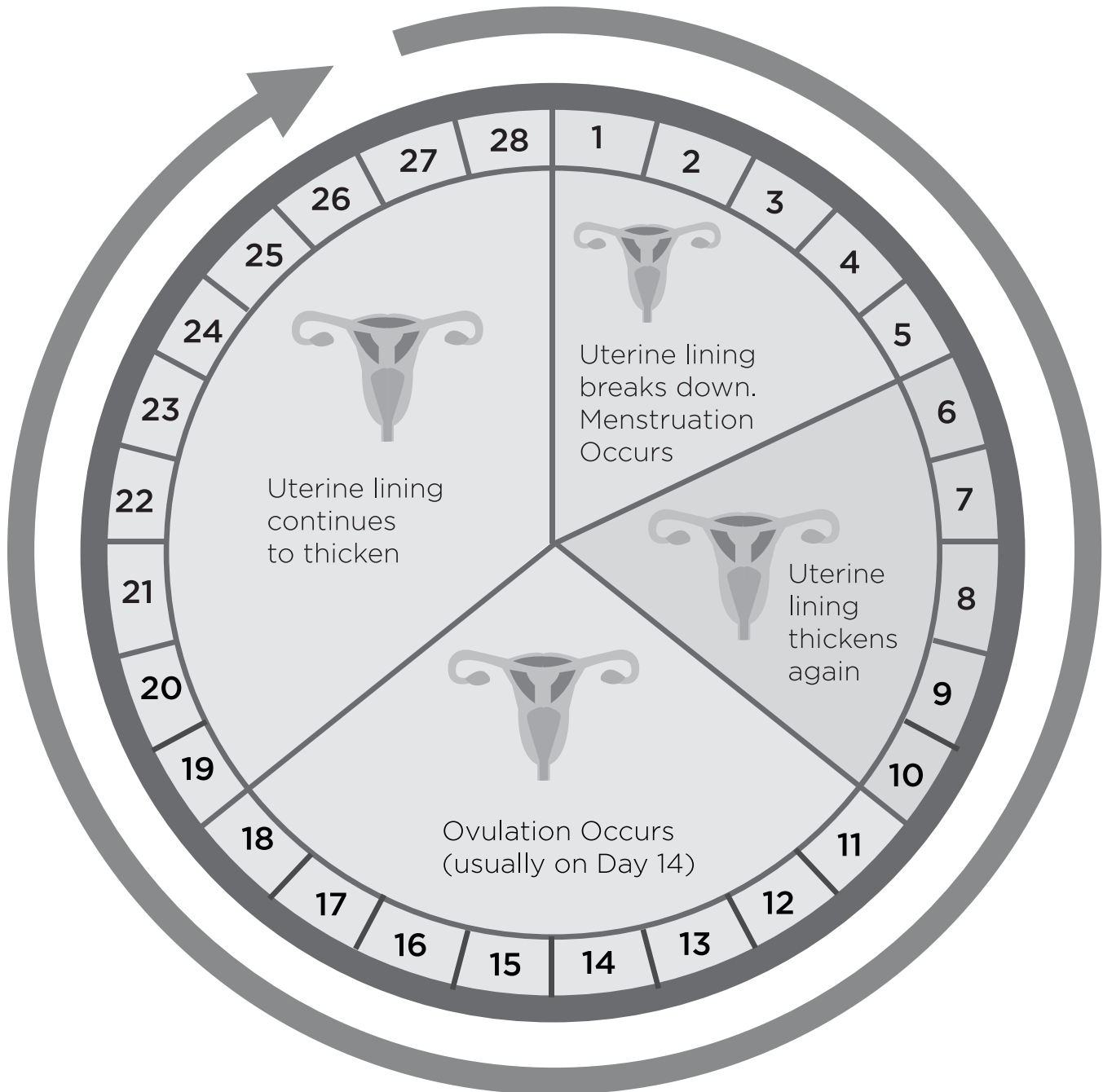
MALE REPRODUCTIVE SYSTEM



RESOURCE 17

Crystal Eye Studio/Shutterstock

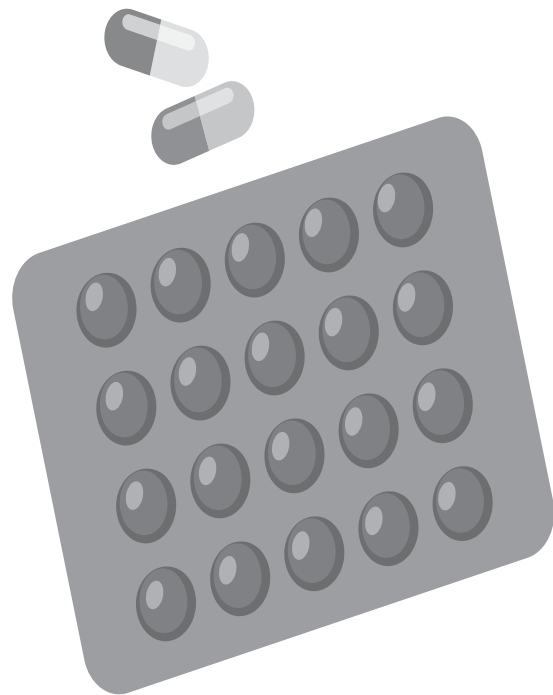
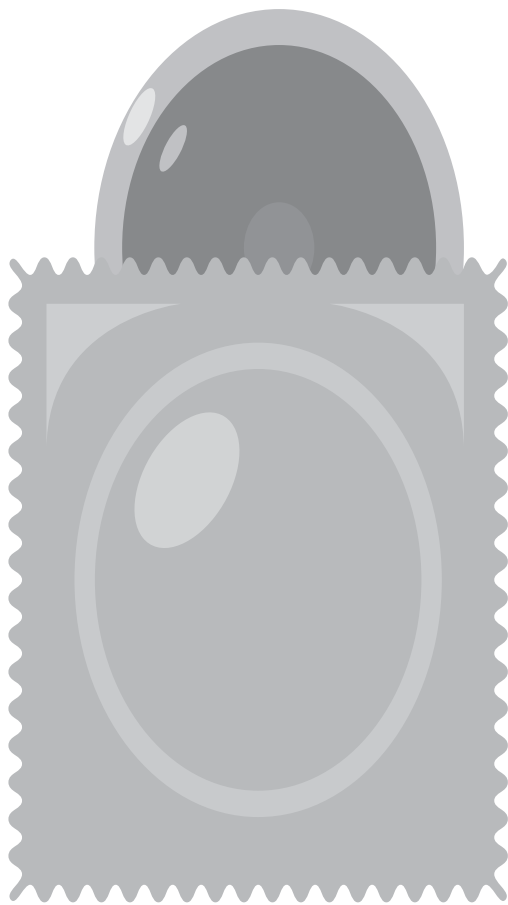
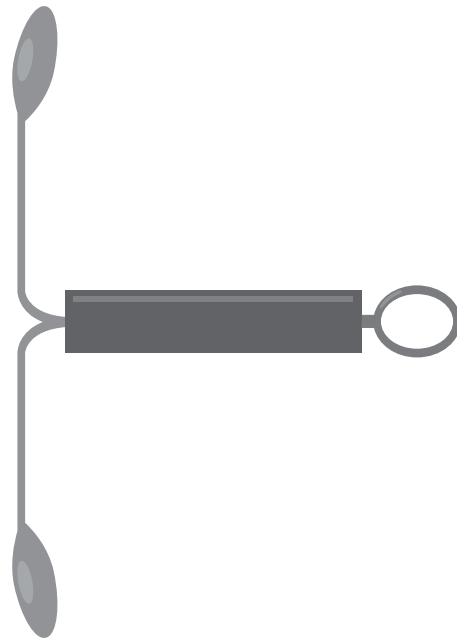
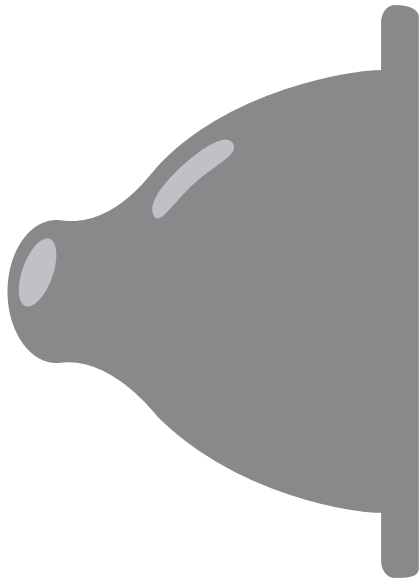
CHANGES IN THE UTERUS DURING THE MENSTRUAL CYCLE



RESOURCE 18

Picture Store/Shutterstock

EXAMPLES OF DIFFERENT CONTRACEPTION METHODS



PROCESSES OF THE RESPIRATORY SYSTEM



RESPIRATORY SYSTEM

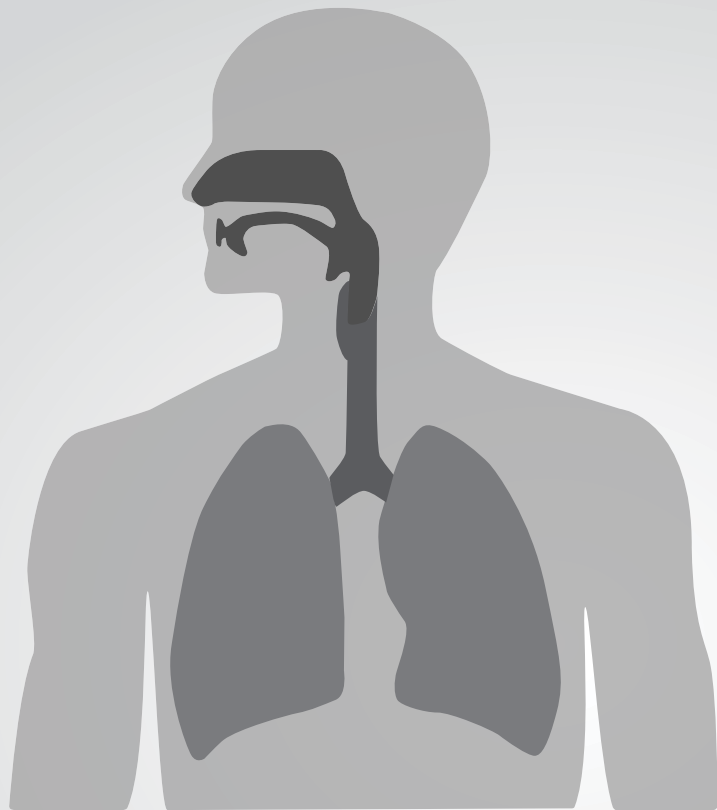
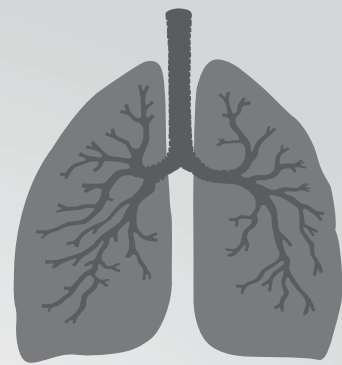
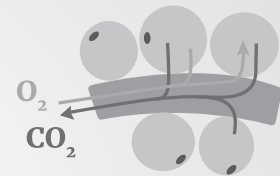


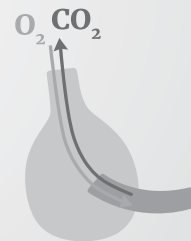
diagram of the respiratory system



lungs



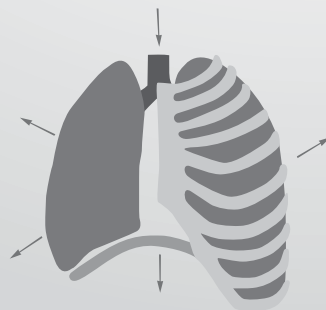
gas exchange inside



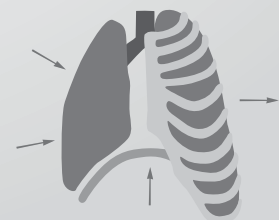
external gas exchange



inhale



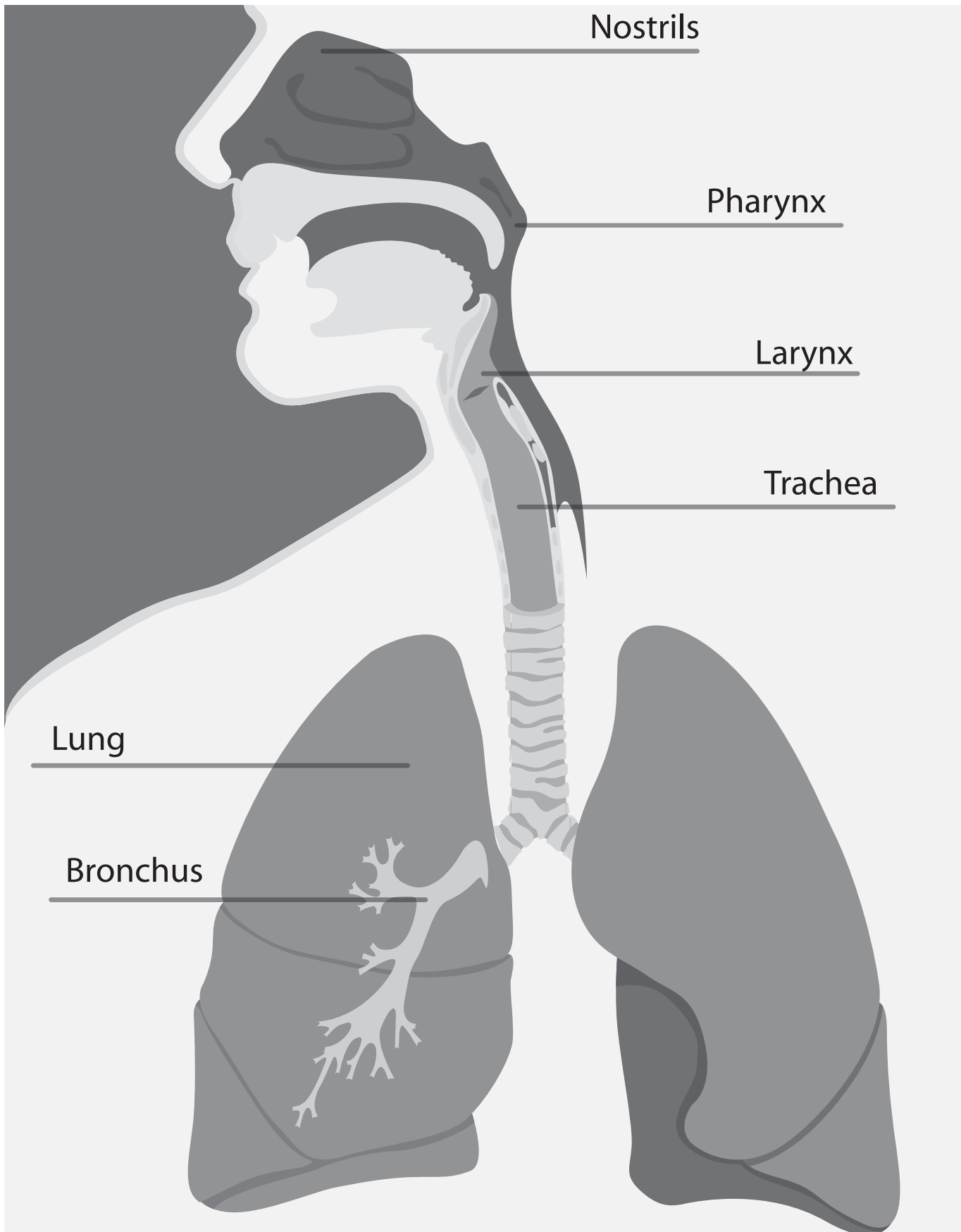
exhale



RESOURCE 20

L. Cosmo/Shutterstock

HUMAN RESPIRATORY SYSTEM



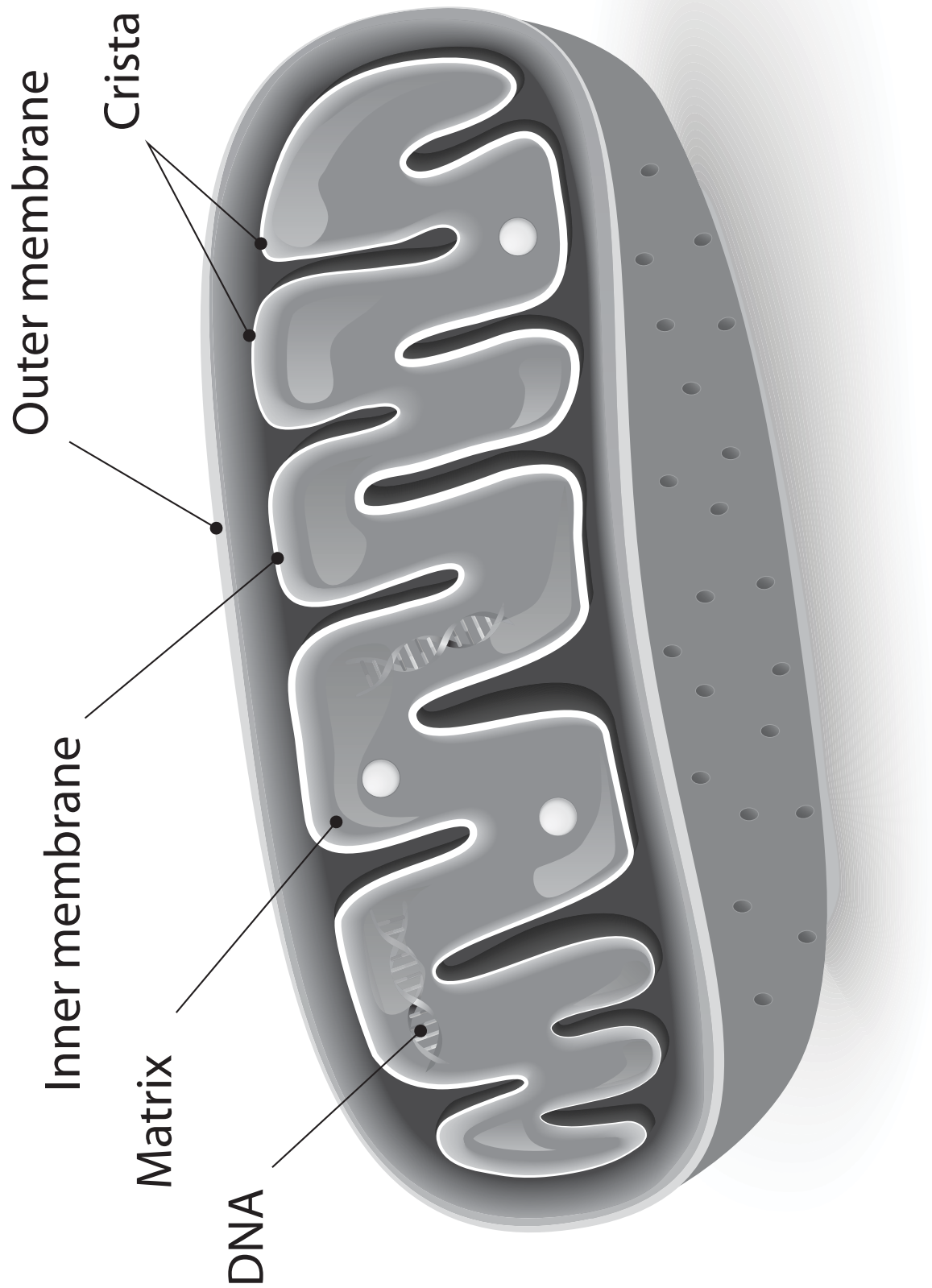
RESOURCE 21

Ezume Images/Shutterstock

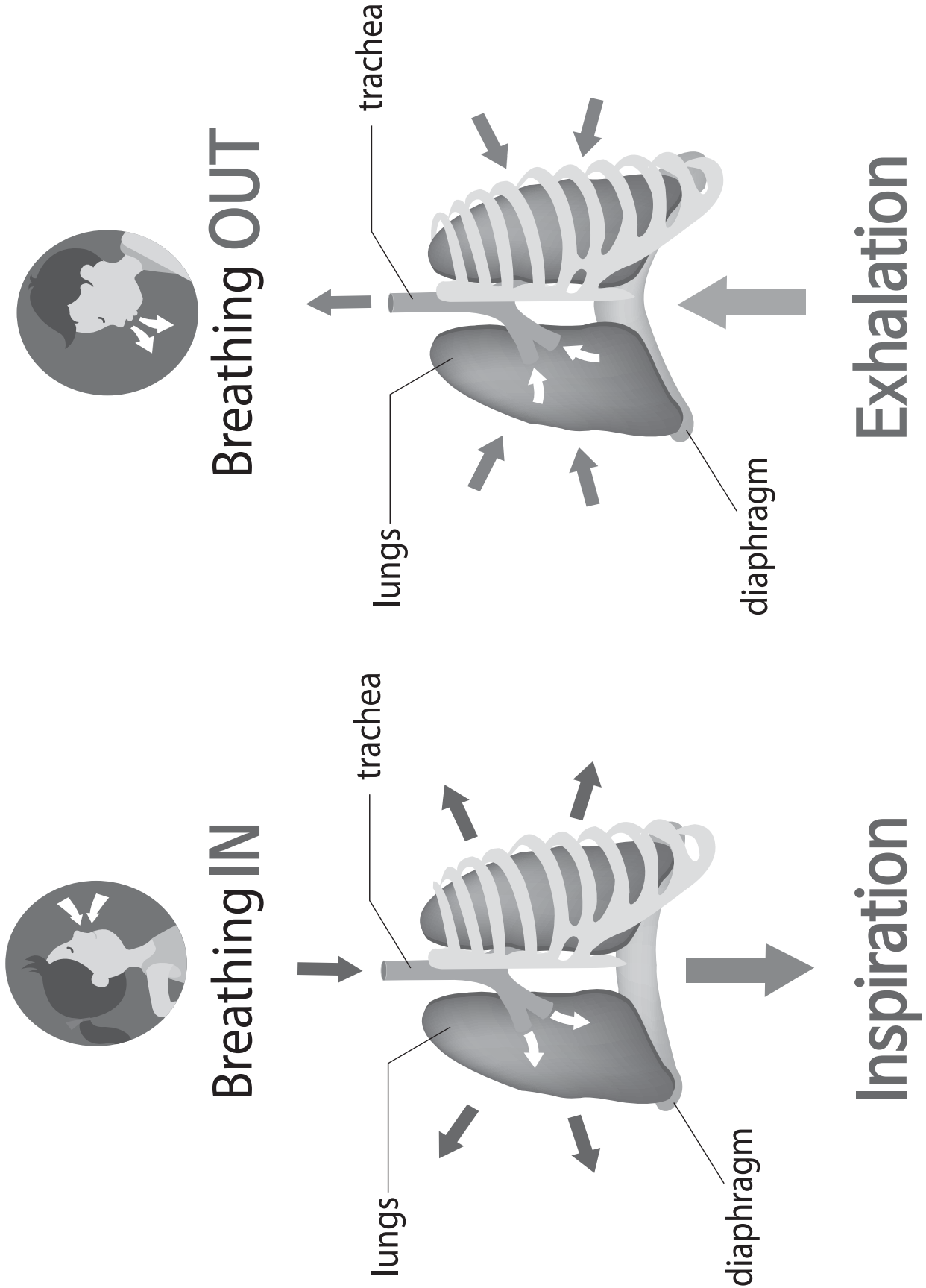
BLOOD VESSELS FOUND IN MALE HANDS



DIAGRAM OF THE MITOCHONDRION



MOVEMENT OF THE DIAPHRAGM DURING INHALATION AND EXHALATION



RESOURCE 24

Elenabsl/Shutterstock

A HEALTHY MEAL

Plan your meal

Balance your diet

Drinks
Avoid sugary drinks
Drink 2 liters of water daily

Fruit
Eat seasonal fruit
Buy local grown products

Dairy
Drink low-fat milk

Vegetables
Make half your meal fruits and vegetables

Proteins
Prefer white meat
Eat more vegetarian proteins

Grains
Eat whole grains

Tip
Plan and eat small portions of food and vary your diet

Grains **Vegetables** **Fruit** **Dairy** **Proteins** **Drinks**

RESOURCE 25

R. Mackenzie/Shutterstock

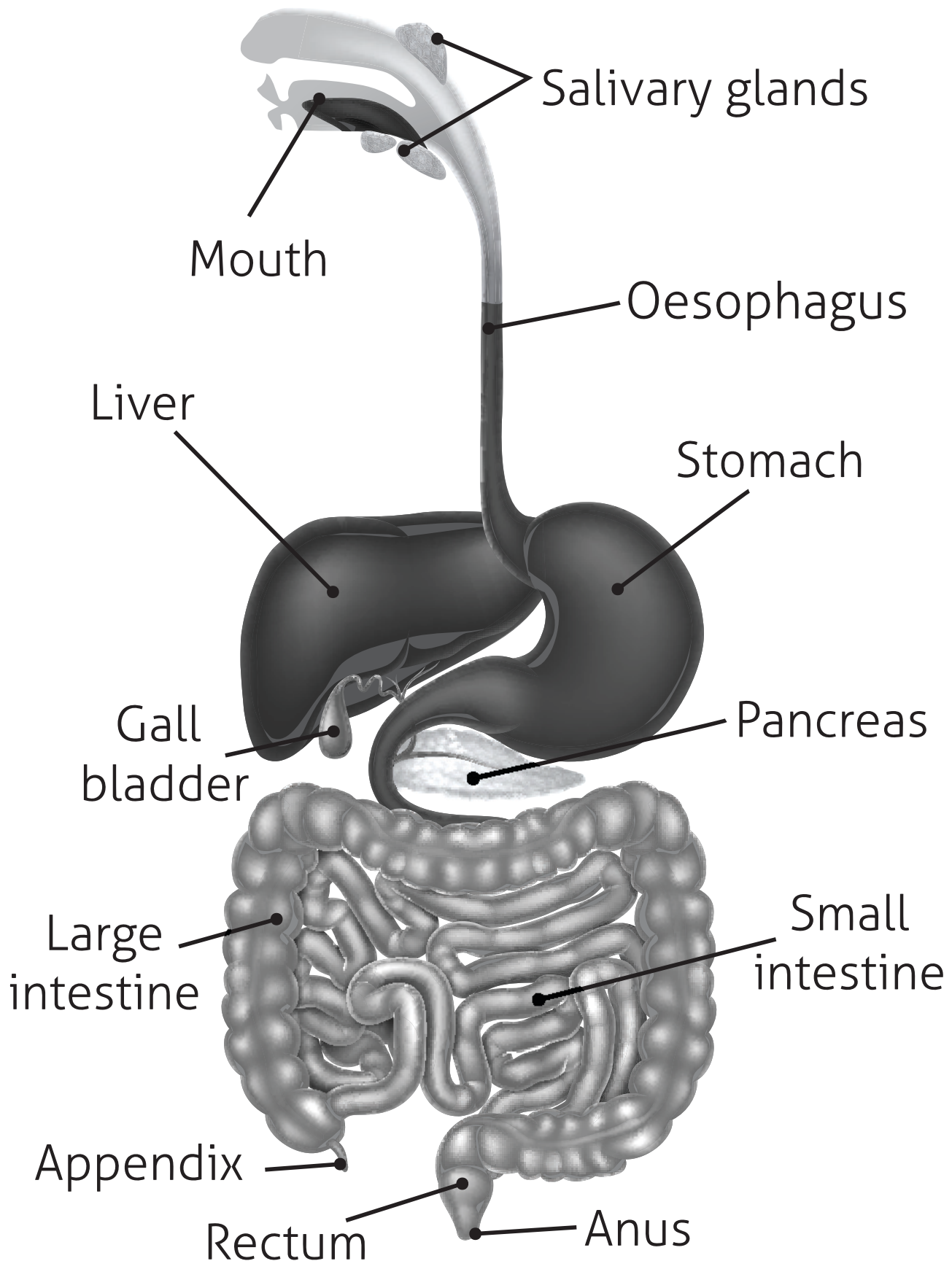
FOOD THAT CONTAINS STARCH



RESOURCE 26

C. Georghious/Shutterstock

ORGANS OF THE DIGESTIVE SYSTEM



RESOURCE 27

Designua/Shutterstock

THE HUMAN MOUTH

