

010 THE INTEGRATED ANATOMY BODY

296 HOW THE BODY WORKS

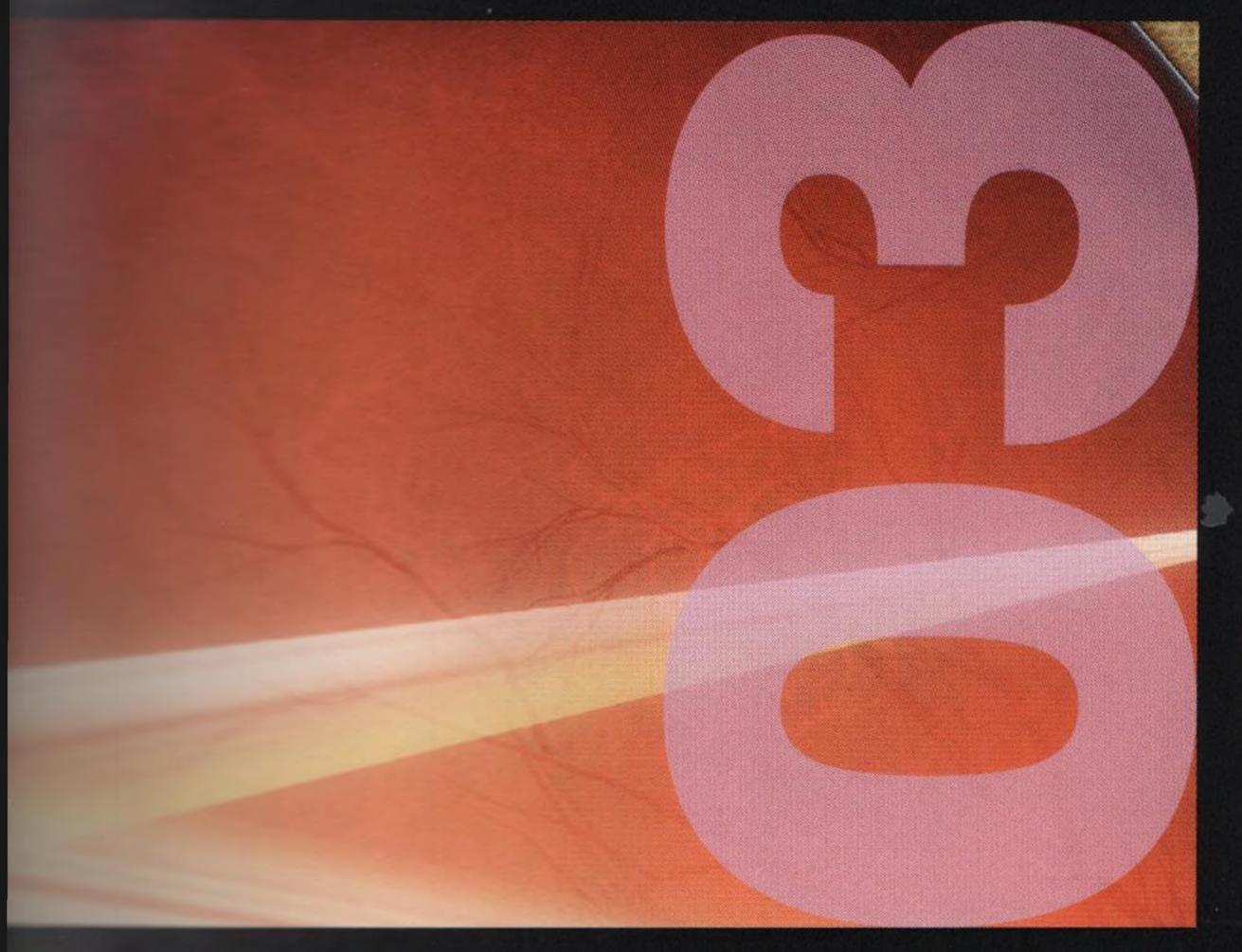
014	Human ancestors
016	Human genetic formula
	The cell
022	Cells and tissues
024	Body composition
	Body systems

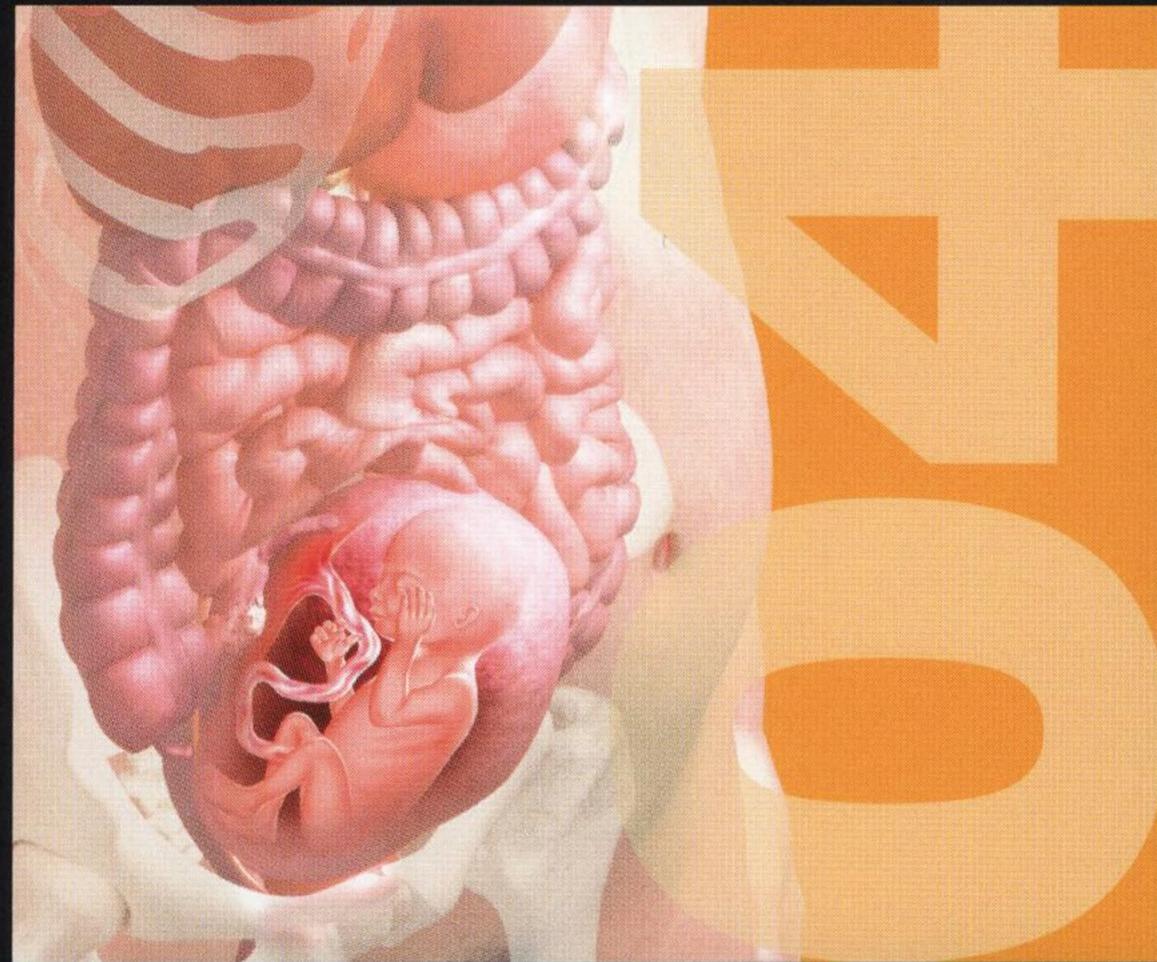
012 Human evolution

036	BODY SYSTEMS	
038	Skin, hair, and nail structure	
040	Skeletal system	
050	Muscular system	
060	Nervous system	
066	Respiratory system	
068	Cardiovascular system	
074	Lymphatic and immune system	
078	Digestive system	
080	Urinary system	
082	Reproductive system	
084	Endocrine system	
086	Surface anatomy	
092	ANATOMY ATLAS	
094	Head and neck	
142	Thorax	
174	Abdomen and pelvis	
204	Shoulder and upper arm	
234	Lower arm and hand	
250	Hip and thigh	
280	Lower leg and foot	

ANATOMICAL TERMINOLOGY

298	SKIN, HAIR, AND NAILS
304	MUSCULOSKELETAL SYST
306	The working skeleton
308	Bones
310	Joints
312	How muscles work
314	Muscle mechanics
316	NERVOUS SYSTEM
318	How the body is wired
320	Nerve cells
322	Passing on the message
324	The brain and spinal cord
326	The CNS in action
328	Memory and emotion
330	How we move
332	How we sense the world
334	How we see
338	Hearing and balance
340	Taste and smell
342	Touch
344	RESPIRATORY SYSTEM
346	Journey of air
348	Gas exchange
350	Mechanics of breathing
352	Instinctive breathing







CARDIOVASCULAR SYSTEM

Blood Cardiac cycle

Controlling the heart **Blood vessels**

LYMPHATIC AND IMMUNE SYSTEM

Lymphatic system **Immate immunity Adaptive immunity**

DIGESTIVE SYSTEM

Mouth and throat

Stomach Small intestine

Liwer Large intestine

Nutrition and metabolism

URINARY SYSTEM

Kidney function **Bladder control**

REPRODUCTIVE SYSTEM

Male reproductive system Female reproductive system Creation of life The expectant body Labor and birth

ENDOCRINE SYSTEM

Hormones in action The pituitary gland Hormone producers

414 LIFE CYCLE

17.		
416	Life's	journey

Inheritance

Developing embryo 420

Fetal development 422

The newborn 426

Childhood 428

Adolescence and puberty 430

Adulthood and old age 432

End of life 434

436 DISEASES AND DISORDERS

138	In	herited	disc	rdore

Cancer 440

Infectious diseases 442

Skin, hair, and nail disorders

Bone and joint disorders 448

Muscle, tendon, and ligament 452

Back, neck, and shoulder prol 454

Limb joint disorders 456

Cerebrovascular disorders 458

Brain and spinal cord disorde 460

General nervous disorders 462

Nervous system infection 463

Mental health disorders 464

Ear disorders 466

Eye disorders 468

Respiratory disorders 470

Cardiovascular disorders 474

Peripheral vascular disorders

Blood disorders 480

Allergies and autoimmune dis

Upper digestive tract disorder

Lower digestive tract disorder 486

Liver, gallbladder, and pancre 488

Kidney and urinary problems

Female reproductive system c 492

Male reproductive system dis Sexually transmitted infection

Infertility 498

Disorders of pregnancy and la

Endocrine disorders 502

GLOSSARY 506

514 INDEX **ACKNOWLEDGMENTS**