

Fonti iconografiche

Capitolo A1

Apertura: Paul D Stewart/SCIENCE PHOTO LIBRARY; 1 (A): Centre For Infections/Public Health England/SCIENCE PHOTO LIBRARY, (B): Marek Mis/SCIENCE PHOTO LIBRARY, (C): Jason Patrick Ross/shutterstock, (D): weter 777/shutterstock, (E): FotoRequest/shutterstock; 3 (in alto): Eye of Science/Photo Researchers, Inc., (in basso): SPL/Photo Researchers, Inc.; 4: Cathyrose Melloan / Alamy Stock Photo; 5: Mark52/shutterstock; 6: FotoRequest/shutterstock; 7 (A): Ralph Robinson/Visuals Unlimited, (B): A.B. Dowsett/SPL/Photo Researchers; 8 (A): Choksawatdikorn/shutterstock, (B): weter 777/shutterstock, (C): Jolanda Aalbers/shutterstock, (D): Ghost Bear; 10: Pro3DArt/shutterstock; 11: Frolova_Elena/shutterstock; 12 (tutte): cortesemente donata da Jim Bidlack; 13: DR. Jeremy Burgess/SCIENCE PHOTO LIBRARY.

Capitolo A2

Apertura: Lawrence Lawry/SCIENCE PHOTO LIBRARY; 1: Benny Marty/shutterstock; 8 (in alto): showcase/shutterstock, (in basso): Eye of Science/SCIENCE PHOTO LIBRARY; 13 (a sinistra): Image source/Getty RF, (a destra): Paul Davies/Alamy; 14: Travel landscapes/shutterstock; 19 (A): Jeff Zehnder/shutterstock, (B): Patrizio Martorana/shutterstock.

Capitolo A3

Apertura: Voisin/Phanie/SCIENCE PHOTO LIBRARY; 1 (sinistra): Bernadette Heath/shutterstock, (in alto): Uwe Bergwitz/shutterstock, (in basso): DR. Immo Rantala/SCIENCE PHOTO LIBRARY; 2: Anetlanda/shutterstock; 3: Rawpixel.com; 7 (donna): i Daniel M Ernst/shutterstock, (glicogeno): Don W. Fawcett/Photo Researchers, Inc., (amido): Jeremy Burgess/SPL/Photo Researchers, Inc., (cellulosa): Science Source/J.D. Litvay/Visuals Unlimited; 9: multiart/shutterstock; 11: Dennis Kunkel microscopy/SCIENCE PHOTO LIBRARY.

Capitolo A4

Apertura: PROFESSORS P. MOTTA & T. NAGURO/SCIENCE PHOTO LIBRARY; 1: Bayanova Svetlana/shutterstock; 2: Eric Isselee/shutterstock; 4 (in alto): Robert Brons/Biological Photo Service, (al centro): M. Schliwa/Visuals Unlimited, (in basso): Kessel/Shih/Peter Arnold, Inc.; 8 (a destra): Jose Calvo/SCIENCE PHOTO LIBRARY, (in basso): cortesemente donata da Ron Milligan/Scripps Research Institute; 10: R. Bolender & D. Fawcett/Visuals Unlimited; 11: SCIENCE PHOTO LIBRARY; 12: cortesemente donata da Charles Flickinger, da Journal of Cell Biology 49:221-226, 1971, Fig. 1 pagina 224; 13: DR Gopal Murti/SCIENCE PHOTO LIBRARY; 14: cortesemente donata da Daniel S. Friend; 15: Newcomb/Wergin/Biological Photo Service; 17: Dr. Jeremy Burgess/Photo Researchers, Inc.; 18 cortesemente donata da Dr. Keith Porter; 20 (A): M. Schliwa/Visuals Unlimited, (B e C): K.G. Murti/Visuals Unlimited; 22 (spermatozoo): Y. Nikas/Photo Researchers, Inc., (flagello e corpo basale): William L. Dentler/Biological Photo Service.

Capitolo A5

Apertura: Steve Gschmeissner/SCIENCE PHOTO LIBRARY; 1: Ariwasabi/shutterstock; 4: Cathy Keifer/shutterstock; 5: Photo insolite realite/SCIENCE PHOTO LIBRARY; 7 (a sinistra): Tony Freeman/Photo Edit, (a destra): David R. Frazier Photolibrary, Inc./Alamy; 10 (A): Rostislav Stach/shutterstock, (B): Sylvie Bouchard/shutterstock.

Capitolo A6

Apertura: Wim Van EGmond/SCIENCE PHOTO LIBRARY; 1 (a sinistra): Tom Wang/shutterstock, (a destra): Kevin Hanley/Animals Animals Earth Scenes; 2 (in alto): Biophoto Associates/Photo Researchers, Inc., (in basso): Monkey Business Images; 3: Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY; 5: DR Gopal Murti/SCIENCE PHOTO LIBRARY; 6: Andrew Syred/Photo Researchers, Inc.; 8 (in alto - interfase, profase, metafase, anafase, telofase): Ed Reschke/shutterstock; (prometafase): Michael Abbey/Photo Researchers, Inc.; 6.5 (in basso - interfase, tarda profase): Ed Reschke/shutterstock; (profase, metafase, anafase): R. Calentine/Visuals Unlimited; (telofase): Jack M. Bostrack/Visuals Unlimited; 9 (entrambe): R.G. Kessel e C.Y. Shih, "Scanning Electron Microscopy in Biology: A Students' Atlas on Biological Organization," 1974 Springer-Verlag, New York; 10: B.A. Palevitz & E.H. Newcomb/Biological Photo Service; 13: Burger/Phanie/SCIENCE PHOTO LIBRARY; 14: Eye of Science/SCIENCE PHOTO

LIBRARY; 15: Breast Scanning Unit, Kings College Hospital, London/SPL/Photo Researchers, Inc.; 16: BlueOrange Studio; 17: CNRI/SPL/Photo Researchers, Inc.; 18: Power and Syred/SCIENCE PHOTO LIBRARY; 19: cortesemente donata da Dr. D. Von Wettstein; 22 e 23 (tutte): Ed Reschke/shutterstock; 28: antoni halim/shutterstock.

Capitolo A7

Apertura: Cavallini James/BSIP/SCIENCE PHOTO LIBRARY; 1: SCIENCE PHOTO LIBRARY; 9: Burger/Phanie/SCIENCE PHOTO LIBRARY; 10 (entrambe): cortesemente donate da Jane S. Paulsen/University of Iowa; 11: Hung Chung Chih/shutterstock.

Capitolo A8

Apertura: David Herraez Calzada; 1: Carolina Biological/Visuals Unlimited; 2 (Nandù): FINDELMUNDO, (deserto e strati rocciosi): Sol.Zeta/shutterstock, (foresta pluviale): George Burba/shutterstock, (iguana): Tomas Sykora/shutterstock, (fringuello picchio): Wilfred Marissen/shutterstock; 3: James H. Bailey/National Geographic Image Sales; 4: costas anton dumitrescu/shutterstock; 5: Aedka Studio/shutterstock; 6 (a sinistra): Rob & Ann Simpson/SCIENCE PHOTO LIBRARY, (al centro): Putney Mark, (a destra): Stubblefield Photography; 7: Sputnik/SCIENCE PHOTO LIBRARY; 8 (cavolo cinese): de2marco/shutterstock, (cavolini di Bruxelles): Evikka/shutterstock, (cavolo rapa): fotoearl/shutterstock, (senape): Scisetti Alfio/shutterstock; 9: Jean-Claude Carton/Bruce Coleman Inc.; 10: Carolina Biological Supply/Phototake; 15: Sherry Talbot/shutterstock; 16: Martin Fowler/shutterstock; 18: Victor McKusick/shutterstock; 21 (Pigliamosche acadico): Karl Maslowski/Visuals Unlimited, (Pigliamosche di Traill): Ralph Reinhold/Animals Animals/Earth Scenes, (Pigliamosche minimo): Stanley Maslowski/Visuals Unlimited; 22 (A): Joseph Sohm/shutterstock, (B): Konstantin Shevtsov/shutterstock; 30: MindStorm/shutterstock; 31 (cavallo): Zuzule/shutterstock, (asino): Geza Farkas/shutterstock, (mulo): Belak Igor/shutterstock.

Capitolo A9

Apertura: DR Keith Wheeler/SCIENCE PHOTO LIBRARY; 6: y_seki; 7 (A): Cavallini James/BSIP/SCIENCE PHOTO LIBRARY, (B): Dennis Kunkel microscopy/SCIENCE PHOTO LIBRARY; 9 (piante): Veronika Sablina/shutterstock, (animali): Ondrej Prosimsky/shutterstock, (funghi): Ivan Marjanovic/shutterstock, (protisti): Pan Xunbin/shutterstock, (batteri): Kateryna Kon/shutterstock, (archea): Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY; 11 (vibrioni): Cavallini James/BSIP/SCIENCE PHOTO LIBRARY, (cocchi): Steve Gschmeissner/SCIENCE PHOTO LIBRARY, (bacilli): Steve Gschmeissner/SCIENCE PHOTO LIBRARY, (spirilli): Dr. Gary D. Gaugler/Phototake; 12: CNRI/SPL/Photo Researchers, Inc.; 13: Alfred Pasiaka/SPL/Photo Researchers, Inc.; 14: Michael P. Gadomski/Photo Researchers, Inc.; 15: Guido Amrein Switzerland; 16 (*Gloeocapsa*): DR. Peter Siver, VISUALS UNLIMITED/SCIENCE PHOTO LIBRARY, (*Anabaena*): Marek Mis/SCIENCE PHOTO LIBRARY, (*Oscillatoria*): Marek Mis/SCIENCE PHOTO LIBRARY; 17 (A): Susan Rosenthal/Corbis, (riquadro): Ralph Robinson/Visuals Unlimited, (B): John Sohliden/Visuals Unlimited, (riquadro): da J.T. Staley, et al., Bergey's Manual of Systematic Bacteriology, Vol. 13, 1989 Williams and Wilkins Col, Baltimore. Prepared by A.L. Usted Photography, Dept. of Biophysics, Norwegian Institute of Technology, (C): Jeff Lepore/Photo Researchers, Inc., (riquadro): cortesemente donata da Dennis W. Grogan, University of Cincinnati.

Capitolo A10

Apertura: Wim Van Egmond/SCIENCE PHOTO LIBRARY; tabella 1 (*Fragilaria*): Marek Mis/SCIENCE PHOTO LIBRARY, (*Ceratium*): Steve Gschmeissner/SCIENCE PHOTO LIBRARY, (*Licmorpha*): Biophoto Associates/Photo Researchers, (*Acetabularia*): Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY, (*Nonionina*): Astrid & Hanns-Frieder Michler/SCIENCE PHOTO LIBRARY, (*Blepharisma*): Eric Grave/Photo Researchers, Inc., (*Synura*): Gerd Guenther/SCIENCE PHOTO LIBRARY, (*Bossiella*): F.Neidl/shutterstock, (*Amoeba proteus*): Power and Syred/SCIENCE PHOTO LIBRARY, (funghi mucilluginosi): sitboaf/shutterstock, (*kelp*): Daniel Poloha/shutterstock; 2: Steve Gschmeissner/SCIENCE PHOTO LIBRARY; 3: Michael Abbey/Visuals Unlimited; 4: Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY; 5: Dr. Gopal Murti/Photo Researchers, Inc.; 6: Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY; 8: Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY; 9: M.I. Walker/Science Source/Photo Researchers, Inc.; 10: (muschi micrografia): Ed Reschke/shutterstock, (muschi): Nigel Downer/SCIENCE PHOTO LIBRARY, (felci): Voisin/Phanie/SCIENCE PHOTO LIBRARY, (felci micrografia): Cortesemente donata da Graham Kent, (pigna): Kent Dannen/Photo Researchers, Inc., (pinolo): Cortesemente donata da Graham Kent; (fiori di melograno): Anna Moritz/shutterstock; (frutti di melograno): Rosa Jay/shutterstock; 11: Andrew E Gardner/shutterstock; 14 (archegonio): Triarch/Visuals Unlimited, (ovulo nelle piante): Ed Reschke/shutterstock; 16 (sezione di foglia): Kingsley Stern/shutterstock, (superficie fogliare): Andrew Syred/SPL/Photo Researchers, Inc.; 17: (antocerota): Barry Runk/Stan/Grant Heilman Photography, (gametofito di epatica): PFMphotostock, (gametofito di muschio): Steven P. Lynch/shutterstock; 18: Matteo Gabrieli/shutterstock; 19: Steve Solum/Bruce Coleman, Inc.; 20: James Strawser/Grant Heilman

Photography; 21 (*Ginkgo biloba*): Manfred Ruckszio/shutterstock, (*Ephedra*): Panzer/shutterstock, (*Encephalartos humilis*): DR Neil Overy/SCIENCE PHOTO LIBRARY, (*Picea*): D. Giannechini/Photo Researchers, Inc.; 24: Dirk Wiersma/SCIENCE PHOTO LIBRARY; 26 (A): Patti Murray/ Animals Animals/Earth Scenes, (B): Michael Gadomski/Photo Researchers, Inc; 27 (A): Hayati Kayhan/shutterstock, (B): Filipe B. Varela/shutterstock; 31 (A): Dirk Wiersma /SCIENCE PHOTO LIBRARY, (B): Thomas Marent/Visuals Unlimited, Inc./SCIENCE PHOTO LIBRARY, (C): Bruno Petriglia/SCIENCE PHOTO LIBRARY; 32: Sidney Moulds/SCIENCE PHOTO LIBRARY; 33: Kichigin/shutterstock; 34 (A): Heiti Paves/shutterstock, (B): Mircea C./shutterstock; 37 (lichene fruticoso): Stephen Sharnoff/Visuals Unlimited, (lichene foglioso): Henri Koskinen/shutterstock; 38: DR. Merton Brown, Visuals Unlimited /SCIENCE PHOTO LIBRARY.

Capitolo A11

Apertura: Voisin/Phanie/SCIENCE PHOTO LIBRARY; 6 (anemone): NatureDiver/shutterstock, (corallo): Laura Dinraths/shutterstock, (caravella portoghese): Runk/Schoenberger/Grant Heilman Photography, (medusa): Michael David Maresca/shutterstock; 7: Tom E. Adams/Peter Arnold, Inc.; 8 (scolex): Jamesm Webb/Phototake, (proglottide): John D. Cunningham/Visuals Unlimited; 9: James King -Holmes/SCIENCE PHOTO LIBRARY; 12 (nudibranco): cbpix/shutterstock, (chiocciola): Alexander Rath/shutterstock, (polpo): Vladimir Wrangel/shutterstock, (nautilo): kikujungboy/shutterstock, (pettine): cortesemente donata da Larry S. Roberts, (mitilo): Fred Whitehead/Animals/Animals/Earth Scenes; 14 (granchio): Narong Jongsirikul/shutterstock, (cirripede): Arterra Picture Library/Alamy Stock Photo, (gamberetto): D7INAMI7S/shutterstock, (copepode): Choksawatdikorn/shutterstock; 15 (centopiedi): Nattawat Kaewjirasit/shutterstock, (millepiedi): Geof de Feu/Imagestate; 16 (scorpione): Tom McHugh/Photo Researchers, Inc., (limulo): Dennis Tokarzewski/shutterstock, (vedova nera): J.Kalinowski Photography; 18 (ricci di mare): Noppharat616/shutterstock, (stella serpentina): DeeAnn Cranston/shutterstock, (stella piumata): Carl Roessler/Tom Stack & Associates, (cetriolo di mare): Nikita Tiunov/shutterstock, (giglio di mare): Ethan Daniels/shutterstock, (dollaro della sabbia): Roger Steene/Imagequestmarine.com; 20 (A): NatureDiver/shutterstock, (B): Rick Harbo/shutterstock; 22 (A): Heather Angel/shutterstock, (B): wildestanimal/shutterstock, (C): KobchaiMa/shutterstock; 23: nkula/shutterstock; 25 (A): think4photop, (B): Matt Jeppson/shutterstock, (C): Joel Sartorie/National Geographic/Getty Images; 26 (aquila di mare): Margreet van der Voort/shutterstock, (picchio pileato): Joel McDonald/Corbis, (colibri): yuqun/shutterstock, (fenicottero): MichaelaS/shutterstock, (avvoltoio colorosso): Robert Comport/Animals Animals/Earth Scenes, (cardinale): Birds and Dragons/shutterstock; 27 (A): John Carnemolla/shutterstock, (B): Leonard Lee Rue/Photo Researchers, Inc., (C): Andrii Slonchak/shutterstock; 28 (cervi): Bob Garvine/shutterstock, (leoni): Maggy Meyer/shutterstock, (scimmie): Jess Kraft/shutterstock, (orche): Natalya Zelenova/shutterstock; 29 (*Lemur cotta*): Eric Gevaert/shutterstock, (*Cebus capucinus*): Eduardo Rivero/shutterstock, (*Pongo pygmaeus*): Yusnizam Yusof/shutterstock, (*Pan troglodytes*): Abeslom Zerit/shutterstock, (*Papio anubis*): Gerald Mark Griffin/shutterstock, (*Homo sapiens*): Rawpixel.com; 33: National Museums of Kenya; 35: Panetobserver/SCIENCE PHOTO LIBRARY; 36 (in alto#1): Nowak Lukasz/shutterstock, (in alto#2): Melle V/shutterstock, (in alto#3): Design Pics Inc./Alamy Stock Photo, (in centro#1): ChameleonsEye/shutterstock, (in centro#2): aaltair/shutterstock, (in centro#3): Kobby Dagan/shutterstock, (in basso#1): Nolte Lourens/shutterstock, (in basso#2): Muellek Josef/shutterstock, (in basso#3): Hamady/shutterstock.

Capitolo A12

Apertura: David Fettes/Cultura/SCIENCE PHOTO LIBRARY; 2: JoannaPe/shutterstock; 3: Uwe Bergwitz/shutterstock; 4: Jearu/shutterstock; 5: Anne Richard/shutterstock; 6: PhotocechCZ/shutterstock; 7: Anton Foltin/shutterstock; 9 (ara): BOONCHUAY PROMJIAM/shutterstock, (cavalletta): Morley Read/shutterstock, (ocelot): Ondrej Prosicky/shutterstock, (rana): Anneka/shutterstock, (farfalla): Vronja/shutterstock, (lemure): Erwin & Peggy Bauer/Bruce Coleman, Inc., (lucertola): Efimova Anna/shutterstock; 10 (1): Kim Taylor/Bruce Coleman, Inc., (2): William H. Mullins/Photo Researchers, Inc., (3): Robert Maier/Animals Animals/Earth Scenes, (4): Gerlach Nature Photography/Animals Animals/Earth Scenes; 11 (distesa di fango): John Eastcott/Yva Momatiuk/Animals Animals/Earth Scenes, (mangrovia): SirinS/shutterstock, (spiaggia rocciosa): Brandon Cole/Visuals Unlimited.

Capitolo B1

Apertura: Reinhard Dirscherl/Alamy Stock Photo; 1 (*Gloeocapsa*): DR. Peter Siver, Visuals Unlimited /SCIENCE PHOTO LIBRARY, (*Diatomea*): Melba Photo Agency/Alamy Stock Photo, (kelp): Grant M Henderson/shutterstock, (*Euglena*): Lebendkulturen.de/shutterstock, (petunia): ntdanai/shutterstock, (muschio): Cooldyx/shutterstock, (maggiciocindolo): Botanicum/Alamy Stock Photo; 4: BLUR LIFE 1975, 6: National Cancer Institute/SCIENCE PHOTO LIBRARY; 12: Pedarilhos/shutterstock; 13: Rawpixel.com; 17: cortesemente donata da Lawrence Berkeley National Lab; 19: Christopher Swann/SCIENCE PHOTO LIBRARY; 24: Lidia Vergnano/shutterstock; 25: Stephanie Schuller/Alistair Walsham/SCIENCE PHOTO LIBRARY; 26: Dennis Kunkel Microscopy/SCIENCE PHOTO LIBRARY; 27: Elenadesign/shutterstock.

Capitolo B2

Apertura: AS-photo, 4: Claus Mikosch/shutterstock; 5 (A): marina_andrejchenko/shutterstock, (B): Juniors Bildarchiv GmbH / Alamy Stock Photo; 8: Dr. Stanley Flegler/Getty Images; 9: Sebastian Janicki/shutterstock; 12 (A e B): Patrick Landmann/SCIENCE PHOTO LIBRARY; 14 (A): DR. George Wilder, Visuals Unlimited /SCIENCE PHOTO LIBRARY; 15: Biophoto Associate/SCIENCE PHOTO LIBRARY; 17: cortesemente donata dagli archivi del California Institute of Technology.

Capitolo B3

Apertura: PHOTO 999/shutterstock; 8: Science Source/Photo Researchers, Inc.; 9 (DNA): Kenneth Eward/PhotoResearchers, Inc.; 13 (entrambe): Stan Flegler/Visuals Unlimited; 17: Oscar L. Miller/Photo Researchers, Inc.; 20 (C): CNRI/SCIENCE PHOTO LIBRARY PHOTO LIBRARY; 25: i George Sheldon/shutterstock; 29: Steve Gschmeissner/SCIENCE PHOTO LIBRARY.

Capitolo B4

Apertura: Goro/Phanie/SCIENCE PHOTO LIBRARY; 1 (A): Dennis Kunkel MICROSCOPY/SCIENCE PHOTO LIBRARY, (B): Biozentrum/SCIENCE PHOTO LIBRARY; 8: Dr. Stephen Wolfe/shutterstock; 9: Cheryl Toepfer/shutterstock; 13 (tutte): Steve Paddock, Howard Hughes Medical Research Institute; 16 (A): Carolina Biological Supply/Photo Researchers, Inc.; (B): Vol. OS02/PhotoDisc/Getty Images; (C): Aldo Brando /Peter Arnold, Inc.; 17: Walter Gehring, ristampato con il permesso di Induction of Ectopic Eyes by Target Expression of the Eyeless Gene in Drosophila, G. Halder, P. Callaerts, Walter J. Gehring, Science Vol. 267, © 24 March 1995 American Association for the Advancement of Science; 18: (A e B): A. C. Burke, 2000.

Capitolo B5

Apertura: anyaivanova/shutterstock; 1 (A): racorn/shutterstock, (B): angellodeco /SCIENCE PHOTO LIBRARY; 3: Torunn Berge/SCIENCE PHOTO LIBRARY; 7: jeep2499/shutterstock; 8: Dmitry Kalinovskiy/shutterstock; 9: Photo di College of Veterinary Medicine, Texas A & M; 10: James King-Holmes/CELLTECH R&D LTD/SCIENCE PHOTO LIBRARY; 11: Dr. Eduardo Blumwald/shutterstock; 12: Monsanto; 13: Nick Gregory/ Alamy; 14: Bill Barksdale/Agstockusa/SCIENCE PHOTO LIBRARY; 18: Christopher Halloran/shutterstock; 21: Meletios Verras/shutterstock.

Capitolo C1

Apertura: Microscape/SCIENCE PHOTO LIBRARY; 3 (tessuto connettivo fibroso lasso, adiposo, ialino compatto, osseo): Ed Reschke/shutterstock, (connettivo fibroso denso): The McGraw-Hill Companies, Inc./Dennis Strete; 4: Seve Gschmeissner/SCIENCE PHOTO LIBRARY; 5 (scheletrico e cardiaco): Ed Reschke/shutterstock, (liscio): The McGraw-Hill Companies, Inc./Dennis Strete; 6: Seve Gschmeissner/SCIENCE PHOTO LIBRARY.

Capitolo C2

Apertura: Thomas Deerinck, NCMIR/SCIENCE PHOTO LIBRARY; 9: Dr. E.R. Lewis, University of California Berkeley; 11: Antonio Romero/SCIENCE PHOTO LIBRARY; 12: Science VU/Visuals Unlimited.

Capitolo C3

Apertura: Thomas Deerinck, NCMIR/SCIENCE PHOTO LIBRARY; 1 (A): Mar Photographics / Alamy Stock Photo, (B): Jeff Foott/shutterstock, (C): Visanuwit thongon/shutterstock; 3: Omikron/SPL/Photo Researchers, Inc.; 7: Lennart Nilsson, from "The Incredible Machine"; 27.12: © P. Motta/SPL/Photo Researchers, Inc; 8: Burger/Phanie/SCIENCE PHOTO LIBRARY; 10: Dr. Yeohash Raphael, the University of Michigan; 12: DR David Furness, Keele University.

Capitolo C4

Apertura: Seve Gschmeissner/SCIENCE PHOTO LIBRARY; 1: Herve Conge - ISM/SCIENCE PHOTO LIBRARY; 2: De Visu/shutterstock; 4: davemhuntphotography/shutterstock; 5: Davdeka/shutterstock; 10 (ragazza che fa trekking): Alter-ego/shutterstock, (tessuto osseo): Michael Klein/Peter Arnold, Inc.; 12: Africa Studio/shutterstock; 17: Biology Media/Photo Researchers, Inc; 20: Toni Genes/shutterstock; 21: Oleg Bezrukov/shutterstock; 22 (a sinistra): Lawrence Manning/Corbis, (in centro): DR. Gladden Willis, Visuals Unlimited/SCIENCE PHOTO LIBRARY, (a destra): baranq/shutterstock.

Capitolo C5

Apertura: blickwinkel/Alamy Stock Photo; 1: Jose Calvo/ SCIENCE PHOTO LIBRARY; 2 (A):

Kletr/shutterstock, (B): Dirk Ercken/shutterstock, (C): photomaster/shutterstock; 9: PK289; 12: Doro Guzenda/shutterstock; 14: Srdjan Randjelovic/shutterstock; 15: Craevschii Family/shutterstock; 17: ESB Basic/shutterstock; 19: Dennis Kunkel microscopy/SCIENCE PHOTO LIBRARY; 20: Eye of Science/Photo Researchers, Inc.

Capitolo C6

Apertura: R. Bick, B. Poindexter, UT Medical School/SCIENCE PHOTO LIBRARY; 2: (midollo osseo rosso): R. Calentine/Visuals Unlimited; (timo, milza): Ed Reschke/Peter Arnold, Inc.; (linfonodo): Fred E. Hossler/Visuals Unlimited; 6: KK Tan/shutterstock; 12: Steve Gschmeissner/SCIENCE PHOTO LIBRARY; 15: SCIENCE PHOTO LIBRARY; 17 (polline): David Scharf/SPL/Photo Researchers, Inc.; (donna): Damien Lovegrove/SPL/Photo Researchers, Inc.

Capitolo C7

Apertura: Thomas Deerinck, NCMIR/SCIENCE PHOTO LIBRARY.

Capitolo C8

Apertura: Kevin Mackenzie / University of Aberdeen/ SCIENCE PHOTO LIBRARY; 3 (A): TJUKTJUK/shutterstock, (B): James D. Watt/Visuals Unlimited, (C): belizar/shutterstock, (D): yod67/shutterstock; 7: Supertrooper/shutterstock; 18: Thomas Deerinck, NCMIR/SCIENCE PHOTO LIBRARY; 20: bitt24/shutterstock; 21: margouillat photo/shutterstock; 24 (a sinistra): Photographee.eu, (al centro): Photographee.eu, (a destra): A. Lesik/Shutterstock.com.

Capitolo C9

Apertura: Alfred PasieKa/SCIENCE PHOTO LIBRARY; 2: cbpix/shutterstock; 7B (in alto): R.G. Kessel and R. H. Kardon, Tissues and Organs: A Text-Atlas of Scanning Electron Microscopy, 1979, W. H. Freeman, New York, (al centro, in basso): 1966 Academic Press, from A.B. Maunsbach, Journal of Ultrastructure Research Vol. 15:242-282; 9.11: SIU/Peter Arnold, Inc.; 9: angellodeco/shutterstock; 10: Doug James/shutterstock; 12: Jose Calvo/SCIENCE PHOTO LIBRARY; 13: Jose Calvo/SCIENCE PHOTO LIBRARY; 16: Tyler Olson/shutterstock.

Capitolo C10

Apertura: Steve Gschmeissner/SCIENCE PHOTO LIBRARY; 7: CNRI/SCIENCE PHOTO LIBRARY; 8: Jose Calvo/SCIENCE PHOTO LIBRARY; 9: Medimage/SCIENCE PHOTO LIBRARY.

Capitolo C11

Apertura: Edelmann/SCIENCE PHOTO LIBRARY; 1 (A): DR Keith Wheeler/SCIENCE PHOTO LIBRARY, (B): Dr. Dennis Kunkel/ Visuals Unlimited; 2: Scubazoo/SCIENCE PHOTO LIBRARY; 4: Ed Reschke/shutterstock; 5(B): Professors P.M. Motta & J. Van Blerkom/ SCIENCE PHOTO LIBRARY; 9: Dachez/Phanie/SCIENCE PHOTO LIBRARY; 10: JPC-PROD/shutterstock; 11: Monkey Business Images; 17 (A): Lennart Nilsson, A Child is Born, Dell Publishing, (B): John Watney/Photo Researchers, Inc., (C): James Stevenson/SPL/Photo Researchers, Inc.; 18: APHP-Cochin-Voisin/Phanie/SCIENCE PHOTO LIBRARY.