

Fonti iconografiche
Curtis et al. Il nuovo Invito alla biologia.blu
La cellula e l'evoluzione dei viventi

Capitolo A1

Pagina A1 Frolova_Elena/Shutterstock; pagina A5 CHRIS HELLIER/SCIENCE PHOTO LIBRARY; pagina A7 figura 7 NOAA PMEL Vents Program/SCIENCE PHOTO LIBRARY; pagina A9 figura 9A toeytoey/Shutterstock, figura 9B MoMMo Mai/Shutterstock, figura 9C Grigorita Ko/Shutterstock, figura 9E schankz/Shutterstock; pagina A10 JOHN READER/SCIENCE PHOTO LIBRARY; pagina A12 figura A Picsfive/Shutterstock; pagina A13 figura 13 GERD GUENTHER/SCIENCE PHOTO LIBRARY; pagina A14 figura 14A A.B. DOWSETT/SCIENCE PHOTO LIBRARY; pagina A15 figura 15A DR KARI LOUNATMAA/SCIENCE PHOTO LIBRARY, figura 15B DR. GEORGE CHAPMAN, VISUALS UNLIMITED /SCIENCE PHOTO LIBRARY, figura 16 EYE OF SCIENCE/SCIENCE PHOTO LIBRARY; pagina A16 scheda figura A CNRI/SCIENCE PHOTO LIBRARY, figura B DR.ROSALIND KING/SCIENCE PHOTO LIBRARY; pagina A19 figura 19A Peter Zaharov/Shutterstock, figura 19B Sergey Uryadnikov/Shutterstock, figura 19C Shachar Weis/Shutterstock, figura 19D ALFRED PASIEKA/SCIENCE PHOTO LIBRARY; pagina A20 Lebendkulturen.de/Shutterstock; pagina A21 figura 21A DR JEREMY BURGESS/SCIENCE PHOTO LIBRARY, figura 21B DR. MARTHA POWELL, VISUALS UNLIMITED /SCIENCE PHOTO LIBRARY, scheda PASCAL GOETGHELUCK/SCIENCE PHOTO LIBRARY; pagina A25 esercizio 27 POWER AND SYRED/SCIENCE PHOTO LIBRARY, esercizio 29 figura A DR KLAUS BOLLER/SCIENCE PHOTO LIBRARY, figura B DR GOPAL MURTI/SCIENCE PHOTO LIBRARY.

Capitolo A2

Pagina A26 apertura nwdph/Shutterstock, figura 1A PAUL D STEWART/SCIENCE PHOTO LIBRARY, figura 1B NATURAL HISTORY MUSEUM, LONDON/SCIENCE PHOTO LIBRARY; pagina A27 figura 2A Maggy Meyer/Shutterstock, figura 2B dangdumrong/Shutterstock, figura 2C Patryk Kosmider/Shutterstock; pagina A28 figura 3 Tono Balaguer/Shutterstock, figura 5 NATURAL HISTORY MUSEUM, LONDON/SCIENCE PHOTO LIBRARY; pagina A29 figura 6A Ivan Mateev, figura 6B Detailfoto/Shutterstock; pagina A31 figura 8 PAUL D STEWART/SCIENCE PHOTO LIBRARY; pagina A33 figura 10 Museum of Natural History, NYC; pagina A35 figura 14 stockcreations/Shutterstock; pagina A36 figura 15A (*in alto a sinistra*) arka38/Shutterstock, (*in alto a destra*) dompr/Shutterstock, (*in basso*) LianeM/Shutterstock, figura 15B (*da sinistra a destra*) Nataliia Melnychuk/Shutterstock, Roni Lias/Shutterstock, prochasson frederic/Shutterstock; pagina A37 tabella 1 Borislav Borisov/Shutterstock; pagina A38 figura 17 stihii/Shutterstock, figura 18A Iakov Filimonov/Shutterstock, figura 18B Carmine Arienzo/Shutterstock, figura 18C Ellen Koppen-Fodelianakis/Shutterstock; pagina A42 figura 22A PASCAL GOETGHELUCK/SCIENCE PHOTO LIBRARY; pagina A43 S. ENTRESSANGLE/E. DAYNES/SCIENCE PHOTO LIBRARY; pagina A45 Alena Hovorkova/Shutterstock; pagina A49 esercizio 22 FloridaStock/Shutterstock, esercizio 24 Designua/Shutterstock.

Capitolo A3

Pagina A50 apertura Uhryn Larysa/Shutterstock, figura 1A DR GARY GAUGLER/SCIENCE PHOTO LIBRARY, figura 1B DAVID MCCARTHY/SCIENCE PHOTO LIBRARY, figura 1C SCIENCE VU, VISUALS UNLIMITED /SCIENCE PHOTO LIBRARY; pagina A51 Gilles Paire/Shutterstock; pagina A52 (*dall'alto al basso*) EYE OF

SCIENCE/SCIENCE PHOTO LIBRARY, STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY, STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY, plenoy m/Shutterstock, NK-55/Shutterstock, lorenza62/Shutterstock, Laura Dinraths/Shutterstock, arousa/Shutterstock, Daniel Poloha/Shutterstock; pagina A55 figura 5A DR KEITH WHEELER/SCIENCE PHOTO LIBRARY, figura 5B Niradj/Shutterstock, figura 5C littlesam/Shutterstock, figura 5D Rich Carey/Shutterstock; pagina A56 figura 8A DR KEITH WHEELER/SCIENCE PHOTO LIBRARY, figura 8B toeytoey/Shutterstock, figura 8C Ekton/Shutterstock; pagina A58 figura 11A Ingvars Birznieks/Shutterstock, figura 11B Joe Belanger/Shutterstock, figura 11C David Litman/Shutterstock; pagina A59 figura 13 Alen thien/Shutterstock, figura 14A Jay Ondreicka/Shutterstock, figura 14B David Gerke, figura 14C wonderisland/Shutterstock; pagina A60 figura 16A Sergio Stakhnyk/Shutterstock, figura 16B Paula Fontana/Shutterstock, figura 16C Tum3000/Shutterstock, figura 16D e2dan/Shutterstock, figura 18A Sergei25/Shutterstock, figura 18B John A. Anderson/Shutterstock; pagina A63 figura 23 Eric Isselee/Shutterstock, figura 24A Valentina Moraru/Shutterstock, figura 24B Vongvitavat/Shutterstock, figura 24C Hailshadow/iStock, figura 25B Piyatheap/Shutterstock; pagina A64 figura 26A LesPalenik/Shutterstock, figura 26B Patrick K. Campbell/Shutterstock, figura 26C Maria Dryfhout/Shutterstock, figura 26D gopause/Shutterstock; pagina A65 Panaiotidi/Shutterstock; pagina A66 figura 28A 3drenderings/Shutterstock, figura 28B Eric Isselee/Shutterstock, figura 29A Kjuuurs/Shutterstock, figura 29B Lisa Hagan/Shutterstock, figura 29C Dennis Jacobsen/123RF, figura 29D luizela/123RF; pagina A67 (*dall'alto al basso*) Damian Money/Shutterstock, Sergii Votit/Shutterstock, Michael Lynch/Shutterstock, Vladimir Seliverstov/123RF, Vladimir Wrangel/Shutterstock, Andreas Rose/Shutterstock, Anton Gvozdikov/123RF, Dennis Jacobsen/123RF; pagina A68 figura 30 (*in alto*) EYE OF SCIENCE/SCIENCE PHOTO LIBRARY, (*in basso*) annete/123R; pagina A69 figura 32 Olha Solodenko/Shutterstock; pagina A70 figura 34A IanRedding/Shutterstock, figura 34B Khoroshunova Olga/Shutterstock, figura 34C Ihor Bondarenko/Shutterstock, figura 35A BIODISC, VISUALS UNLIMITED /SCIENCE PHOTO LIBRARY, figura 35B toeytoey/Shutterstock, figura 35C Jubal Harshaw/Shutterstock; pagina A71 figura 36A azure1/Shutterstock, figura 36B Claudio Stocco/Shutterstock, figura 36C Muzhik/Shutterstock; pagina A72 figura 38 Robert L Kothenbeutel/Shutterstock; pagina A75 figura 41A EYE OF SCIENCE/SCIENCE PHOTO LIBRARY, figura 41B Ruud Morijn Photographer/Shutterstock, figura 42A Anatoly Platonov/Shutterstock, figura 42B Bottos1848; pagina A81 figura 50 Israel Hervas Bengochea/Shutterstock; pagina A82 figura 52 Ingrid Maasik/Shutterstock; pagina A83 tabella (*dall'alto al basso*) pilens/123RF, dinozzaver/123RF, Francesco Bucchi/123RF, Oleg Znamenskiy/123RF, Gabriele Maltinti/Shutterstock, Anton Petrus/123RF, Red ivory/Shutterstock.

Capitolo A4

Pagina A92 apertura vilainecrevette/123RF, figura 1 Juergen Faelchle/Shutterstock; pagina A96 figura 10A ADAM HART-DAVIS/SCIENCE PHOTO LIBRARY, figura 10B Tatiana Bobkova/Shutterstock; pagina A97 figura 11A Andrey_Kuzmin/Shutterstock, figura 11B Vaclav Volrab/Shutterstock, figura 13A SMIRNOVA IRINA/Shutterstock, figura 13B Waj/Shutterstock; pagina A99 figura 15A Juancat/Shutterstock, figura 15B Nickolay Vinokurov/Shutterstock; pagina A102 figura 18 Ralf Herschbach/Shutterstock; pagina A103 box SCIENCE PHOTO LIBRARY.

Capitolo A5

Pagina A108 apertura Isantilli/123RF; pagina A112 Pashkov Andrey/123RF; pagina A115 figura 4A rclassenlayouts/123RF, figura 4B Leonid S. Shtandel/Shutterstock, figura 4C Andrey Eremin 123/RF; pagina A117 box Luis Carlos Jimenez Del Rio/123RF, scheda (*destra*) wavebreakmedia/Shutterstock; pagina A118 figura 7A yelenayemchuk/123RF,

figura 7B POWER AND SYRED/SCIENCE PHOTO LIBRARY; pagina A119 figura 9 BIOPHOTO ASSOCIATES/SCIENCE PHOTO LIBRARY, scheda figura A Marco Mayer/123RF, figura B 5second/123RF; pagina A120 figura 10 Vladimir Melnik/Shutterstock; pagina A121 figura 13A Alexander Prokopenko/Shutterstock, figura 13B Tatjana Baibakova/123RF; pagina A123 figura 15A Andrea Izzotti/123RF, figura 15B arnoaltix/123RF; pagina A128 figura 20 LAGUNA DESIGN/SCIENCE PHOTO LIBRARY; pagina A129 box GUIDO BISSATTINI/Shutterstock; pagina A130 figura 23 SOMMAI/Shutterstock; pagina A137 esercizio 24 Grandpa/Shutterstock, esercizio 29 frantic00/Shutterstock, esercizio 32 Africa Studio/Shutterstock.

Capitolo A6

Pagina A138 STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY; pagina A143 figura 6 DR GOPAL MURTI/SCIENCE PHOTO LIBRARY; pagina A144 figura 7 DR ELENA KISELEVA/SCIENCE PHOTO LIBRARY, figura 8A MEDIMAGE/SCIENCE PHOTO LIBRARY; pagina A145 figura 9 DR DAVID FURNESS, KEELE UNIVERSITY/SCIENCE PHOTO LIBRARY, figura 10B LOUISE HUGHES/SCIENCE PHOTO LIBRARY; pagina A147 box tonarinokeroro/123RF; pagina A148 figura 13 Jonathan Klassen/Shutterstock, figura 14B J.C. REY, ISM/SCIENCE PHOTO LIBRARY; pagina A149 figura 15B DR KARI LOUNATMAA/SCIENCE PHOTO LIBRARY; pagina A150 figura 16B CNRI/SCIENCE PHOTO LIBRARY; pagina A151 figura 18 STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY; pagina A153 figura 20A, figura 20B e figura 21 STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY; pagina A159 esercizio 25 Jubal Harshaw/Shutterstock.

Capitolo A7

Pagina A162 apertura PROFESSORS P.M. MOTTA, S. MAKABE & T. NAGURO/SCIENCE PHOTO LIBRARY; pagina A173 figura 17A Vitview/Shutterstock, figura 17B Vladimir Wrangel/Shutterstock; pagina A176 figura 20 AMI IMAGES/SCIENCE PHOTO LIBRARY; pagina A179 figura 24A SCIENCE VU, VISUALS UNLIMITED /SCIENCE PHOTO LIBRARY, figura 24B ALFRED PASIEKA/SCIENCE PHOTO LIBRARY; pagina A184 (*in alto a destra*) JOHN DURHAM/SCIENCE PHOTO LIBRARY; pagina A187 esercizio 26 Olha Rohulya/Shutterstock, esercizio 30 Kondor83/Shutterstock.

Capitolo A8

Pagina A188 apertura STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY, figura 1A Walter Siegmund, figura 1B Ekaterina Brusnika/Shutterstock; pagina A189 figura 2 A.B. DOWSETT/SCIENCE PHOTO LIBRARY; pagina A190 figura 3 ALFRED PASIEKA/SCIENCE PHOTO LIBRARY; pagina A191 DR GARY GAUGLER/SCIENCE PHOTO LIBRARY; pagina A193 figura 7 ADRIAN T SUMNER/SCIENCE PHOTO LIBRARY, scheda petarg/Shutterstock; pagine A194 e A195 figura 8 (*in basso*) STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY; pagina A197 figura 10A EYE OF SCIENCE/SCIENCE PHOTO LIBRARY, figura 10B © Anne Hoggett; pagina A206 figura 18A POWER AND SYRED/SCIENCE PHOTO LIBRARY, figura 18B DEPT. OF CLINICAL CYTOGENETICS, ADDENBROOKES HOSPITAL/SCIENCE PHOTO LIBRARY; pagina A207 figura 19A Marcel Jancovic/Shutterstock, figura 19B Zuzanae/Shutterstock; pagina A209 David Litman/Shutterstock; pagina A213 esercizio 26 figura A, figura B, figura C e figura D Zuzanae/Shutterstock.

Capitolo A9

Pagina A214 apertura Grigorita Ko/Shutterstock; pagina A217 figura 4A Ninell/Shutterstock, figura 4B Aleksandra Voinova/Shutterstock; pagina A222 sonya etchison/Shutterstock; pagina A223 figura 9 Dietmar Temps/Shutterstock; pagina A225

figura 12 Rosa Jay/Shutterstock; pagina A226 figura 13 Vladimir Mucibabic/Shutterstock; pagina A227 Anton Lebedev/123RF; pagina A231 esercizio 23 siwasasil/Shutterstock, esercizio 32 Nyvlt-art/Shutterstock.

Biology in English

Pagina A235 apertura Andrii Vodolazhskyi/Shutterstock; pagina A237 STEVE GSCHMEISSNER/SCIENCE PHOTO LIBRARY; pagina A239 Giovanni Cancemi/Shutterstock; pagina A240 figura 4 FRANCIS LEROY, BIOCOSMOS/SCIENCE PHOTO LIBRARY; pagina A241 snapgalleria/Shutterstock; pagina A242 Jens Goepfert/Shutterstock.