



# **Biology: How Life Works Reprint & LaunchPad (24 month access)**

*James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel*

[Download now](#)

[Click here](#) if your download doesn't start automatically

# Biology: How Life Works Reprint & LaunchPad (24 month access)

*James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel*

**Biology: How Life Works Reprint & LaunchPad (24 month access)** James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel

***Rethinking biology means rethinking the text, the visual program, and assessment.***

Ordinarily, textbooks are developed by first writing chapters, then making decisions about art and images, and finally, once the book is complete, assembling a test bank and ancillary media. This process dramatically limits the integration across resources, and reduces art, media, and assessments to ancillary material, rather than essential resources for student learning.

*Biology: How Life Works* is the first project to develop three pillars—the text, the visual program, and the assessment—at the same time. All three pillars were developed in parallel to make sure that each idea is addressed in the most appropriate medium, and to ensure authentic integration. These three pillars are all tied to the same set of core concepts, share a common language, and use the same visual palette. In this way, the text, visual program, and assessments are integral parts of student learning, rather than just accessories to the text.

## RETHINKING THE TEXT

### **Integrated**

*Biology: How Life Works* moves away from a focus on disparate topics, towards an integrated approach. Chemistry is presented in context, structure and function are covered together, the flow of information in a cell is introduced where it makes the most conceptual sense, and cases serve as a framework for connecting and assimilating information.

### Selective

*Biology: How Life Works* was envisioned not as a reference book for all of biology, but a resource focused on foundational concepts, terms, and experiments. This allows students to more easily identify, understand, and apply critical concepts, and develop a framework on which to build their understanding of biology.

### **Thematic**

*Biology: How Life Works* was written with six themes in mind. Introduced in Chapter 1 and revisited throughout, these themes provide a framework that helps students see biology as a set of connected concepts. In particular, the theme of evolution is emphasized for its ability to explain and predict so many patterns in biology.

## RETHINKING THE VISUAL PROGRAM

### **Integrated**

Across *Biology: How Life Works*—whether students are looking at a figure in the book, watching an animation, or interacting with a simulation—they always see a consistent use of color, shapes, and design.

### **Engaging**

Every image—still and in motion—engages students by being vibrant, clear, and approachable. The result is a visual environment that is expertly designed to pull students in, deepens their interest, and helps them see a world of biological processes.

### **A Visual Framework**

To help students think like biologists, the visual program is designed to be a framework for students to hang the concepts and connect ideas. Individual figures present foundational concepts; Visual Synthesis figures tie multiple concepts across chapters together; animations bring these figures to life; and simulations let students interact with the concepts. Collectively, this visual framework allows students to move seamlessly back and forth between the big picture and the details.

## **RETHINKING THE ASSESSMENT**

### **Range**

Developed by a broad community of leading science educators, the assessments for *Biology: How Life Works* address all types of learning, from recall to synthesis. They are designed to be used in a variety of settings and come in a wide range of formats (multiple choice, true/false, free response).

### **Integrated**

Assessment is seamlessly integrated into the text and the visual program (both in print and interactive). Each time an instructor asks a student to engage with *Biology: How Life Works*—whether it is reading a chapter, watching an animation, or working through an experiment—the opportunity to assess that experience exists.

### **Connected**

Many of the questions and activities for *Biology: How Life Works* are organized in sets called **Progressions**. Questions in a Progression are aligned with one or more core concepts, and are designed to move a student from basic knowledge to higher order skills and deeper understanding. Progressions questions can be used individually or in a series as pre-class quizzes, in-class clicker questions or activities, post-class homework, or exams. When used in sequence, Progressions provide a connected learning path for students.

 [Download Biology: How Life Works Reprint & LaunchPad \(24 mo ...pdf\)](#)

 [Read Online Biology: How Life Works Reprint & LaunchPad \(24 ...pdf\)](#)

**Download and Read Free Online Biology: How Life Works Reprint & LaunchPad (24 month access)**  
**James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener,**  
**Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel**

---

**From reader reviews:**

**Matthew Waddell:**

Information is provisions for anyone to get better life, information these days can get by anyone on everywhere. The information can be a understanding or any news even an issue. What people must be consider any time those information which is from the former life are hard to be find than now's taking seriously which one is suitable to believe or which one often the resource are convinced. If you receive the unstable resource then you obtain it as your main information it will have huge disadvantage for you. All of those possibilities will not happen within you if you take Biology: How Life Works Reprint & LaunchPad (24 month access) as the daily resource information.

**Lee Durfee:**

Reading a book to get new life style in this calendar year; every people loves to go through a book. When you read a book you can get a great deal of benefit. When you read publications, you can improve your knowledge, since book has a lot of information onto it. The information that you will get depend on what types of book that you have read. If you want to get information about your review, you can read education books, but if you want to entertain yourself you are able to a fiction books, this kind of us novel, comics, along with soon. The Biology: How Life Works Reprint & LaunchPad (24 month access) provide you with new experience in studying a book.

**Nancy Rush:**

In this time globalization it is important to someone to find information. The information will make a professional understand the condition of the world. The health of the world makes the information quicker to share. You can find a lot of recommendations to get information example: internet, classifieds, book, and soon. You will observe that now, a lot of publisher that will print many kinds of book. The book that recommended for you is Biology: How Life Works Reprint & LaunchPad (24 month access) this reserve consist a lot of the information of the condition of this world now. This book was represented so why is the world has grown up. The vocabulary styles that writer require to explain it is easy to understand. Typically the writer made some research when he makes this book. This is why this book ideal all of you.

**Adele Yeager:**

Reading a reserve make you to get more knowledge from that. You can take knowledge and information originating from a book. Book is composed or printed or outlined from each source this filled update of news. With this modern era like at this point, many ways to get information are available for you actually. From media social similar to newspaper, magazines, science guide, encyclopedia, reference book, book and comic. You can add your knowledge by that book. Are you hip to spend your spare time to spread out your book? Or just searching for the Biology: How Life Works Reprint & LaunchPad (24 month access) when

you needed it?

**Download and Read Online Biology: How Life Works Reprint & LaunchPad (24 month access) James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel #56UM3R29N00**

**Read Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel for online ebook**

Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel Free PDF download, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel books to read online.

**Online Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel ebook PDF download**

**Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel Doc**

Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel Mobipocket

Biology: How Life Works Reprint & LaunchPad (24 month access) by James R. Morris, Daniel L. Hartl, Andrew H. Knoll, Robert A. Lue, Andrew Berry, Andrew Biewener, Brian Farrell, N. Michele Holbrook, Naomi Pierce, Alain Viel EPub