

Why You Should Adopt

Fundamentals of Microbiology Body Systems Edition, THIRD EDITION

Includes Navigate 2 Advantage Access

- ✓ **Option 1:** Hardcover with Navigate 2 Advantage Access
ISBN: 978-1-284-05709-6 • 984 pages • © 2016
- ✓ **Option 2:** Navigate 2 Advantage Access Only
ISBN: 978-1-284-05732-4 • © 2016
50% off the list price of the printed textbook



Investigating the
Microbial World

Concept
Checks

Chapter
Challenges

Clinical Cases

The Student Experience

Thought-provoking boxes throughout illuminate core concepts, encourage critical thinking and application of microbiology to the real world, and provide students the opportunity to investigate vital concepts further. **Fundamentals of Microbiology: Body Systems Edition** is the **CLEAR** choice!

MicroInquiry

Summary of
Key Concepts

Chapter
Self-Test

Quality
Photos and
Illustrations

Key Concepts

Teaching & Learning Microbiology Just Got Easier With Navigate 2 Advantage Access

- ★ **Learn:** A Complete eBook with Interactive Tools and Animations that Bring Microbiology Phenomena to Life!
- ★ **Practice:** A Virtual Study Center with Robust Practice Activities & Flashcards
- ★ **Assess:** A Homework & Testing Assessment Center with Pre-Populated Quizzes and Examinations (Available to Adopting Instructors with Course ID)
- ★ **Analyze:** A Dashboard that Reports Actionable Data (Available to Adopting Instructors with Course ID)

Course Materials

Learning Tools

- Interactive eBook
- Animations
- Lecture Outlines
- Lecture Slides in PowerPoint format
- Practice Activities & Assessments
- Flashcards
- Web Links

Teaching Tools (available with Course ID)

- Lecture Outlines
- Lecture Slides in PowerPoint Format
- Instructor's Manual with Teaching Tips and additional essay questions
- Image Bank
- Pre-Populated Quizzes and Examinations with Automatic Grading
- Additional Test Questions with Solutions
- Dashboard with actionable data
- Hassle-free Gradebook
- Course Management Tools

Navigate 2 is fully hosted by Jones & Bartlett Learning, is mobile-ready, and is compatible with Blackboard and other third party learning management systems. A Navigate Implementation Specialist will be your personal resource to answer questions, set up your course, and maintain your customizations from semester to semester.

eBook Resources

Chapter	Title	Knowledge Check Questions (Not Graded)	eBook Quiz Questions (Graded)	# of Web Links	# of Animations
1	Microbiology: Then and Now	12	20	9	2
2	The Chemical Building Blocks of Life	8	20	8	0
3	Concepts and Tools for Studying Microorganisms	6	19	12	1
4	Structure of Bacterial and Archaeal Cells	12	20	7	2
5	Microbial Growth and Nutrition	6	20	8	2
6	Microbial Metabolism	10	20	8	7
7	Microbial Genetics	10	20	9	5
8	Gene Transfer, Genetic Engineering, and Genomics	6	20	11	3
9	Control of Microorganisms: Physical and Chemical Methods	8	15	9	0
10	Antimicrobial Drugs and Superbugs	12	20	10	1
11	Microbial Systematics and the Domains Bacteria and Archaea	6	10	5	0
12	Eukaryotic Microorganisms: The Protists, Fungi, and Helminths	8	10	10	0
13	The Viruses and Virus-Like Agents	16	17	11	5
14	Infection and Disease	6	19	8	1
15	Resistance and the Immune System: Introduction and Innate Immunity	8	21	7	5
16	Resistance and the Immune System: Adaptive Immunity	6	20	7	3
17	Immunity and Serology	6	24	9	0
18	Immune Disorders and AIDS	8	19	10	2
19	Infectious Diseases Affecting the Skin and Eyes	10	10	10	0
20	Infectious Diseases Affecting the Respiratory System	8	10	8	1
21	Infectious Diseases Affecting the Digestive System	12	10	12	0
22	Infectious Diseases Affecting the Nervous System	8	10	9	0
23	Cardiovascular, Lymphatic, and Systemic Infectious Diseases	12	10	8	0
24	Infectious Diseases Affecting the Urinary and Reproductive Systems	10	10	6	0
25	Applied and Industrial Microbiology	8	16	9	0
26	Environmental Microbiology	6	20	8	0

The eBook also features an Audio Glossary of over 1,000 key terms with pronunciations!

Technical Support Services

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