ASM Journals

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ASM's 12 journals seek to advance microbial sciences through the pursuit of scientific knowledge and dissemination of the results of fundamental and applied research.
Known for their excellence, rigor, and fairness, ASM Journals deliver current, influential coverage of basic and clinical microbial research.

For the 2013 subscription year, ASM will offer the following new features to online subscribers:

- Institutional authentication via IP, Shibboleth, Athens, and public username/password
- Semantic search capabilities via the TEMIS content enrichment solution
- Library customization tools, including a centralized administration page to manage institutional logos, authentication and link resolver management, and reporting
- COUNTER reports via Standardized Usage Statistics Harvesting Initiative (SUSHI) protocol

ASM Journals are indexed and abstracted by the following services:

- Agricola Biological Abstracts
- BIOSIS Previews®
- CAB Abstracts
- Chemical Abstracts Service
- Current Contents
- Directory of Open Access Journals
- EMBASE
- Food Science and Technology Abstracts®
- Illustrata
- International Pharmaceutical Abstracts
- ISI Web of Knowledge
- MEDLINE®
- ProQuest/Cambridge Scientific Abstracts
- PubMed®
- PubMed Central®
- Science Citation Index Expanded (Web of Science)®
- SciVerse Scopus
- Summon™
ASM journals continue to deliver maximum value to your library’s collection.

**Microbiology**

**Citations:**
- ASM Microbiology Citations: 277,830
- Total Microbiology Citations: 775,996

**Articles:**
- ASM Microbiology Articles: 4,526
- Total Microbiology Articles: 18,971

ASM publishes three journals in the Top 20 of Microbiology, ranked by Impact Factor:

<table>
<thead>
<tr>
<th>Ranking by Impact Factor</th>
<th>Journal Name</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>#2</td>
<td>Clinical Microbiology Reviews</td>
<td></td>
</tr>
<tr>
<td>#5</td>
<td>Microbiology and Molecular Biology Reviews</td>
<td></td>
</tr>
<tr>
<td>#16</td>
<td>mBio®</td>
<td></td>
</tr>
</tbody>
</table>

ASM publishes five journals in the Top 20 highest-cited journals in Microbiology:

<table>
<thead>
<tr>
<th>Ranking by Citations</th>
<th>Journal Name</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Applied and Environmental Microbiology</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>Journal of Bacteriology</td>
<td></td>
</tr>
<tr>
<td>#3</td>
<td>Journal of Clinical Microbiology</td>
<td></td>
</tr>
<tr>
<td>#4</td>
<td>Antimicrobial Agents and Chemotherapy</td>
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<td>#17</td>
<td>Clinical Microbiology Reviews</td>
<td></td>
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<tr>
<td>#20</td>
<td>Microbiology and Molecular Biology Reviews</td>
<td></td>
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</tbody>
</table>

**Allied Fields**

ASM publishes the top-cited journal in five categories:

<table>
<thead>
<tr>
<th>Ranking by Citations</th>
<th>Journal Name</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Antimicrobial Agents and Chemotherapy</td>
<td>Pharmacology &amp; Pharmacy</td>
</tr>
<tr>
<td>#1</td>
<td>Applied and Environmental Microbiology</td>
<td>Biotechnology &amp; Applied Microbiology</td>
</tr>
<tr>
<td>#1</td>
<td>Applied and Environmental Microbiology</td>
<td>Microbiology</td>
</tr>
<tr>
<td>#1</td>
<td>Infection and Immunity</td>
<td>Infectious Diseases</td>
</tr>
<tr>
<td>#1</td>
<td>Journal of Virology</td>
<td>Virology</td>
</tr>
</tbody>
</table>

ASM publishes the top-ranked journal by Eigenfactor in two fields:

<table>
<thead>
<tr>
<th>Ranking by Eigenfactor</th>
<th>Journal Name</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Antimicrobial Agents and Chemotherapy</td>
<td>Pharmacology &amp; Pharmacy</td>
</tr>
<tr>
<td>#1</td>
<td>Journal of Virology</td>
<td>Virology</td>
</tr>
</tbody>
</table>

**mBio is included in every online subscription**

2011 Impact Factor: 5.311

All online subscriptions also include access to mBio® (http://mbio.asm.org/), ASM’s broad-scope, open-access journal. We encourage our institutional subscribers to add mBio to your collections. mBio has an Impact Factor of 5.311 and is ranked #16 by Impact Factor out of 112 journals in the Microbiology category. The broad scope and high standards of the new journal offer researchers at your institution immediate access to high-impact, cutting-edge science in microbiology and allied fields. New articles are published weekly and the journal is indexed in MEDLINE® and over 30 indexing services.
ASM journals continue to receive significant press coverage from international outlets.

**Highlights:**

**ABC NEWS**

*Break it down: Plastic-eating fungus discovered in Amazonian rainforest*

J. Russell et al., Biodegradation of Polyester Polyurethane by Endophytic Fungi (Applied and Environmental Microbiology, 2011)

**Chicago Tribune**

*Bacteria study may change how urinary tract infections are diagnosed*

A. Wolfe et al., Evidence of Uncultivated Bacteria in the Adult Female Bladder (Journal of Clinical Microbiology, 2012)

**The Huffington Post**

*Scientists sequence genomes of 12 antibiotic-resistant staphylococcus aureus strains*

V. Kos et al., Comparative Genomics of Vancomycin-Resistant *Staphylococcus aureus* Strains and Their Positions within the Clade Most Commonly Associated with Methicillin-Resistant *S. aureus* Hospital-Acquired Infection in the United States (mBio®, 2012)

**The New York Times**

*Regimens: Antibiotic dosage may vary in pregnancy*

J. Fischer et al., Influence of Body Weight, Ethnicity, Oral Contraceptives, and Pregnancy on the Pharmacokinetics of Azithromycin in Women of Childbearing Age (Antimicrobial Agents and Chemotherapy, 2011)

**The Scientist**

*Antibiotics in the animals we eat*


**USA Today**

*Fungus found in sinks can cause serious infections*

D. Short et al., Widespread Occurrence of Diverse Human Pathogenic Types of the Fungus *Fusarium* Detected in Plumbing Drains (Journal of Clinical Microbiology, 2011)
Antimicrobial Agents and Chemotherapy (AAC)

AAP features interdisciplinary studies that build our understanding of the underlying mechanisms and therapeutic applications of antimicrobial and antiparasitic agents and chemotherapy. The journal also publishes studies involving animal models, pharmacological characterization, and clinical trials.

Complementing the journal’s full-length research articles, minireviews quickly bring readers up to date with the state of the science in fast-moving areas of research, making it a key resource for microbiologists, pharmaceutical researchers, biochemists, pharmacologists, clinicians, and other infectious disease practitioners.

2011 JCR Rankings

MICROBIOLOGY:
• #4 cited journal, receiving over 45,000 citations
• Eigenfactor score ranked #6 out of 112 journals

PHARMACOLOGY & PHARMACY:
• #1 cited journal, receiving over 45,000 citations
• Eigenfactor score ranked #1 out of 261 journals

Print ISSN: 0066-4804
Online ISSN: 1098-6596

Applied and Environmental Microbiology (AEM)

AEM publishes study results that make significant contributions to applied microbial research, basic microbial ecology research, and genetic and molecular investigations of microbial topics of practical value. The journal sheds new light on key microbiological principles, fundamental microbial processes, and basic questions in applied and environmental microbiology. Its original research articles not only build on our understanding of microbiology but also enable scientists to advance their own investigations, design new products, and develop new processes.

2011 JCR Rankings

MICROBIOLOGY:
• #1 cited journal, receiving over 82,000 citations
• Eigenfactor score ranked #2 out of 112 journals

BIOTECHNOLOGY & APPLIED MICROBIOLOGY:
• #1 cited journal, receiving over 82,000 citations
• Eigenfactor score ranked #3 out of 157 journals

Print ISSN: 0099-2240
Online ISSN: 1098-5336
CMR analyzes the latest developments in clinical microbiology and immunology. Key topics include pathogenic mechanisms, individual and groups of microbial pathogens, clinical and laboratory aspects of newly recognized and reemerging infectious diseases, antimicrobial agents and their applications, and diagnostic laboratory technologies. Clinical and medical microbiologists, immunologists, epidemiologists, pathologists, public health workers, and infectious disease specialists all turn to the journal to discover not only the current state of knowledge in the field, but also balanced, thought-provoking perspectives on controversial issues of the day.

CVI enhances our understanding of the immune response in health and disease by showcasing important clinically relevant research, including new animal models for human immunologic diseases, viral immunology, immunopathogenesis, and clinical laboratory immunology. In particular, the journal highlights important discoveries in immunization and vaccine research, such as the development and evaluation of vaccines, human and animal immune responses to vaccines, vaccine vectors, adjuvants and immunomodulators, quantitative assays of vaccine efficacy, and clinical trials. In addition to original research articles, the journal offers minireviews, commentaries, and case reports.
EC presents the latest findings from basic research studies of simple eukaryotic microorganisms such as yeasts, fungi, algae, protozoa, and social amoebae. The journal also examines viruses of these organisms, their organelles, and their interactions with other living systems, where the focus is on the eukaryotic cell. Topics include basic biology; molecular and cellular biology; mechanisms, and control, of developmental pathways; structure and form inherent in basic biological processes; cellular architecture; metabolic physiology; comparative genomics, biochemistry, and evolution; ecology; and population dynamics.

IAI reports key discoveries that help microbiologists, immunologists, epidemiologists, pathologists, and clinicians to gain new insights into the underlying mechanisms of host-pathogen interactions and develop novel strategies to prevent or treat infectious diseases. Topics include infections caused by pathogenic bacteria, fungi, and parasites; molecular mechanisms of pathogenicity; interactions of virulence factors with host cells; innate and adaptive immunity to infection; development of vaccines against nonviral pathogens; and genomes of pathogenic bacteria.
JB has been disseminating important results from basic research studies of bacteria and other microorganisms since 1916. Topics include structure and function, biochemistry, enzymology, metabolism and its regulation, molecular biology, genetics, plasmids and transposons, general microbiology, plant microbiology, chemical and physical characterization of microbial structures and products, and basic biological properties of organisms.
JVI explores the nature of viruses, reporting important new discoveries and pointing to new directions in research. Original research articles cover the viruses of animals, archaea, bacteria, fungi, plants, and protozoa. Among the key issues investigated are virus structure and assembly, viral genome replication and regulation of viral gene expression, viral genetic diversity and evolution, virus-cell interactions, cellular responses to viral infection, transformation and oncogenesis, gene delivery, viral pathogenesis and immunity, and vaccines and antiviral agents.

2011 JCR Rankings

VIROLOGY:

- #1 cited journal in Virology category, receiving over 96,000 citations (JVI accounts for 37% of all Virology citations)
- Eigenfactor score ranked #1 out of 32 journals
- Impact Factor ranked #6 out of 32 journals

mBio®

NEW ARTICLES WEEKLY

Impact Factor: 5.311

Editor in Chief
Arturo Casadevall, Albert Einstein College of Medicine

The scope of ASM’s first open-access journal spans the entire spectrum of microbiology and allied fields. The focus of the journal is on rapid publication of cutting-edge research. mBio® strives to publish the best and most important science across all major areas of the microbiological sciences, including virology, bacteriology, parasitology, mycology, and allied fields, including immunology, ecology, population biology, computational biology, anti-infectives and vaccines, public health, etc.

2011 JCR Rankings

MICROBIOLOGY:

- Impact Factor ranked #16 out of 112 journals

Online ISSN: 2150-7511 | Online only
MMBR keeps researchers current with the latest developments in microbiology as well as related fields such as immunology and molecular and cellular biology. The journal explores the significance and the interrelationships of the latest discoveries that build our understanding of bacteria, viruses, parasites, fungi, and other higher eukaryotes. Review articles enable both non-specialists and specialists to understand the state of the science and apply the latest findings to advance their own research.

MCB is dedicated to disseminating new findings and advancing new research that contributes to our knowledge of the molecular biology of eukaryotic cells. Examining both microbial and higher organisms, the journal showcases significant discoveries in cellular morphology and function, genome organization, regulation of genetic expression, morphogenesis, and somatic cell genetics. The journal also examines viral systems, publishing papers that emphasize their impact on the cell.

2011 JCR Rankings

**MICROBIOLOGY CATEGORY:**
- Impact Factor ranked #5 out of 112 journals

**BIOCHEMISTRY & MOLECULAR BIOLOGY:**
- Eigenfactor score ranked #6 out of 289 journals
- #8 cited journal, receiving over 67,000 citations

**CELL BIOLOGY:**
- Eigenfactor score ranked #7 out of 180 journals
- #4 cited journal in Cell Biology, receiving over 67,000 citations

Print ISSN: 1092-2172
Online ISSN: 1098-5557
### Online Pricing

<table>
<thead>
<tr>
<th>Journal Name</th>
<th>Tier A</th>
<th>Tier B</th>
<th>Tier C</th>
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<tr>
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<td>$902</td>
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<td>Applied and Environmental Microbiology</td>
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<td>$516</td>
<td>$670</td>
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<td>Eukaryotic Cell</td>
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<tr>
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### Online Packages

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<tr>
<th>Package</th>
<th>Tier A</th>
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<th>Tier C</th>
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<tr>
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<td>Basic</td>
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<tr>
<td>Clinical</td>
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<td>$5,875</td>
<td>$7,624</td>
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### Print Pricing

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<thead>
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<th>Journal Name</th>
<th>United States</th>
<th>Canada*</th>
<th>Europe</th>
<th>Latin America</th>
<th>Rest of the World</th>
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<tr>
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<td>$1,164</td>
<td>$1,204</td>
<td>$1,224</td>
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<td>$1,737</td>
<td>$1,820</td>
<td>$1,840</td>
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<td>Clinical Microbiology Reviews</td>
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<td>$1,042</td>
<td>$1,029</td>
<td>$1,049</td>
<td>$1,031</td>
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<tr>
<td>Clinical and Vaccine Immunology</td>
<td>$1,227</td>
<td>$1,247</td>
<td>$1,306</td>
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<td>$1,309</td>
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<tr>
<td>Infection and Immunity</td>
<td>$1,063</td>
<td>$1,083</td>
<td>$1,104</td>
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<tr>
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<td>Journal of Clinical Microbiology</td>
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<tr>
<td>Molecular and Cellular Biology</td>
<td>$2,126</td>
<td>$2,146</td>
<td>$2,274</td>
<td>$2,294</td>
<td>$2,271</td>
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</table>

*Canadian customers must pay the listed base price plus appropriate GST/HST

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All orders must include a street address, contact name, phone number, and email address. You may submit your order and payment via your subscription agent or directly to the ASM Journals Institutional Subscription Office:

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Subscribers also get access to COUNTER compliant usage statistics, including statistics for mBio®; straightforward and fair licensing terms that allow unlimited concurrent usage; direct links to “similar articles”; long-term archiving via LOCKSS; and email-based alerting systems.
ASM’s Two Open Access Journals:

mBio® Impact Factor ranked in the Top 20 of all Microbiology journals

The 2011 Journal Citation Reports®, released in June 2012, confirms the inaugural impact factor for mBio is 5.311. The open-access journal’s impact factor is ranked #16 out of 112 journals in the Microbiology category. mBio, with its focus on publishing the top papers in microbiology and allied fields, has received substantial press attention since its launch in 2010. Content has been highlighted in The New York Times, USA Today, The Wall Street Journal and dozens of other media outlets. Ensure your researchers are accessing the top content in microbiology by adding mBio to your collection.

mBio®

ASM Announces Genome Announcements, a New Open-Access Journal in January 2013

ASM is pleased to announce the launch of Genome Announcements, an online-only, open-access journal in January 2013. The new title will publish brief reports of genomes of particular organisms that have been sequenced and deposited, and provide a citable record of the corresponding GenBank submission. Eukaryotic Cell, Journal of Bacteriology, and Journal of Virology will cease publishing Genome Announcements with the last issues of the 2012 volume year. Genome Announcements will be posted online on an article-by-article basis and will be published as bimonthly issues throughout the year. The new journal will be included in online subscriptions to Eukaryotic Cell, Journal of Bacteriology, and Journal of Virology. Please be sure to add Genome Announcements to your institution’s collection.

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