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American Society for Microbiology



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- 生命科学领域中全球最大且历史最悠久的会员组织；
- 会员人数现今已超过**43,000**名，超过三分之一的会员来自美国以外的国家和地区；
- 会员涵盖了微生物学专业的**26**个学科以及微生物学教育学；
- 学会的期刊是微生物学领域最杰出的出版物；
- 所出版文章数量超过微生物学领域全部论文量的**1/4**；
- 文章引用量几乎占有所有微生物学论文引用数量的**42%**。



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- AgBiotech News and Information
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- Bacteriology Abstracts
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- Zoological Record

11种学会期刊

- 📖 Clinical Microbiology Reviews (CMR) 《临床微生物学评论》
- 📖 Antimicrobial Agents and Chemotherapy (AAC) 《抗微生物制剂与化疗》
- 📖 Applied and Environmental Microbiology (AEM) 《应用与环境微生物学》
- 📖 Clinical Vaccine and Immunology (CVI) 《临床与疫苗免疫学》
- 📖 Eukaryotic Cell (EC) 《真核细胞》
- 📖 Infection and Immunity (II) 《感染与免疫》
- 📖 Journal of Bacteriology (JB) 《细菌学杂志》
- 📖 Journal of Clinical Microbiology (JCM) 《临床微生物学杂志》
- 📖 Journal of Virology (JV) 《病毒学杂志》
- 📖 Microbiology and Molecular Biology Reviews (MMBR) 《微生物学与分子生物学综述》
- 📖 Molecular and Cellular Biology (MCB) 《分子与细胞生物学》

Applied and Environmental Microbiology



About This Cover

- **IMPACT FACTOR: 3.686**
- #1 cited journal in Microbiology and #1 in Biotechnology & Applied Microbiology, with > 74,000 citations
- #2 journal in Microbiology and #2 in Biotechnology & Applied Microbiology ranked by Eigenfactor score

- 《应用与环境微生物学》发表应用微生物学、微生物生态学、跨领域微生物学等方面具有重要意义的科研成果和学术文章。
- 期刊理论与实践并重，不仅关注基础原理研究，而且重视应用和处理过程。
- P-ISSN 0099-2240
- E-ISSN 1098-5336
- 出版频次：每月两次
- 在线全文年限：1953-

Journal of Bacteriology



About This Cover

- **IMPACT FACTOR: 3.94**
- #1 journal in Microbiology ranked by Eigenfactor score
- #2 cited journal in Microbiology, receiving > 63,000 citations

- 《细菌学杂志》于1916年创刊，主要刊发**细菌与其他微生物**的基础研究成果；
- 主要领域包括微生物的**结构和功能、生物化学、酶学、新陈代谢、化学和物理特性、等。**
- P-ISSN 0021-9193
- E-ISSN 1098-5530
- 出版频次：每月两次
- 在线全文年限：1916-

Journal of Virology



About This Cover

- **IMPACT FACTOR: 5.15**
- #1 journal in Virology ranked by Eigenfactor score
- #1 cited journal in Virology > 88,000 citations
- #4 journal in Virology ranked by Impact Factor

- 《病毒学杂志》刊发病毒学相关领域的新发现和研究成果；
- 覆盖动物病毒、古生菌、细菌、真菌、植物、原生动物，还包括病毒结构和组成、病毒基因的复制、病毒基因的多样性和衍化，等。
- P-ISSN 0022-538X
- E-ISSN 1098-5514
- 出版频次：每月两次
- 在线全文年限：1967-

Molecular and Cellular Biology



About This Cover

- **IMPACT FACTOR: 6.057**
- #3 journal in Cell Biology and #5 in Biochemistry and Molecular Biology ranked by Eigenfactor score
- #4 cited journal in Cell Biology and #7 in Biochemistry & Molecular Biology, with > 70,000 citations

- 《分子与细胞生物学》是真核细胞分子生物学领域的权威期刊；
- 主要刊发微生物和高等生物机体的细胞形态学、功能，基因组组织、基因表达、形态形成、病毒系统的研究工作，侧重于细胞研究。
- P-ISSN 0270-7306
- E-ISSN 1098-5549
- 出版频次：每月两次
- 在线全文年限：1981-

Microbiology and Molecular Biology Reviews



About This Cover

- **IMPACT FACTOR: 12.585**
- **#5 journal in Microbiology ranked by Impact Factor**

- 《微生物学与分子生物学综述》以其在微生物学，免疫学和分子细胞生物学领域所发权威性全面的综述闻名；
- 帮助读者了解学科发展的现状。
- P-ISSN 1092-2172
- E-ISSN 1098-5557
- 出版频次：季刊
- 在线全文年限：1937-

Clinical Microbiology Reviews

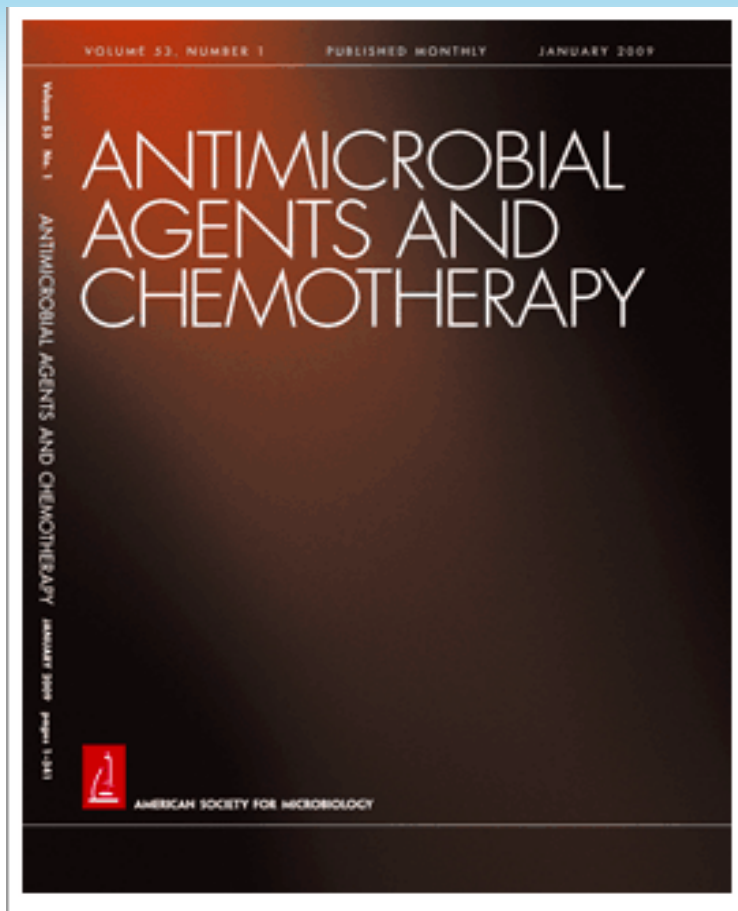


About This Cover

- **IMPACT FACTOR: 14.691**
- **#2 journal in Microbiology ranked by Impact Factor**

- 《临床微生物学评论》刊发**临床微生物学与免疫学**领域新进展的综述；
- 重点领域包括**微生物病原体、感染病的临床和实验研究、抗菌剂和应用、实验诊断技术**，等。
- P-ISSN 0893-8512
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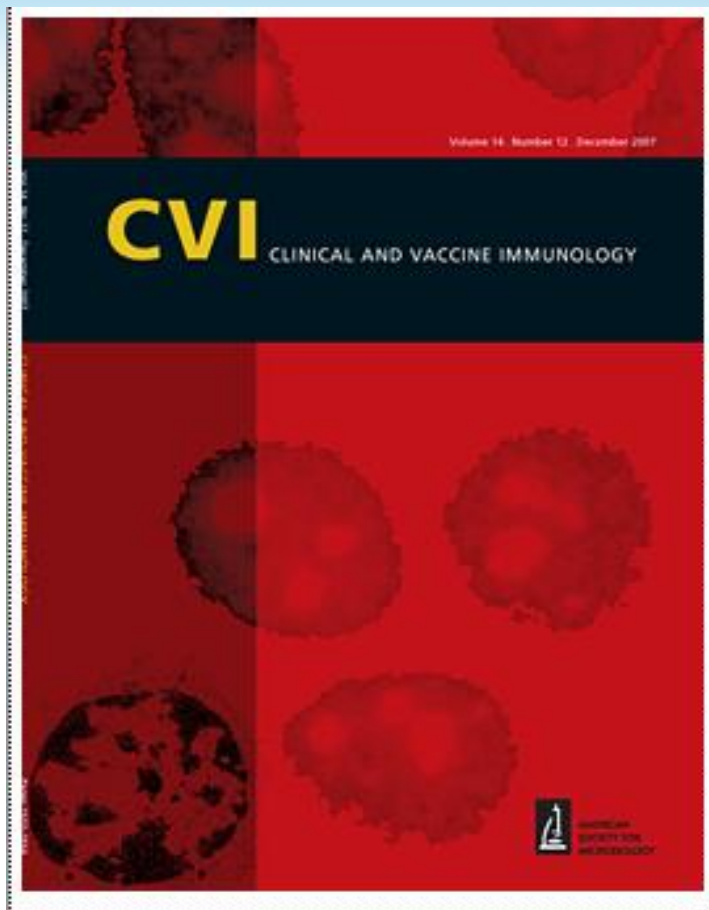
Antimicrobial Agents and Chemotherapy



- 《抗微生物制剂与化疗》刊发抗微生物制剂/抗菌剂、抗寄生虫制剂和化疗方面潜在机制和治疗应用的研究文章，还包括动物模型、药理学特性和临床实验等内容。
- P-ISSN 0066-4804
- E-ISSN 1098-6596
- 出版频次：月刊
- 在线全文年限：1972-

- **IMPACT FACTOR: 4.802**
- #1 journal in Pharmacology & Pharmacy and #7 in Microbiology ranked by Eigenfactor score
- #1 cited journal in Pharmacology & Pharmacy and #4 in Microbiology, with > 41,000 citations

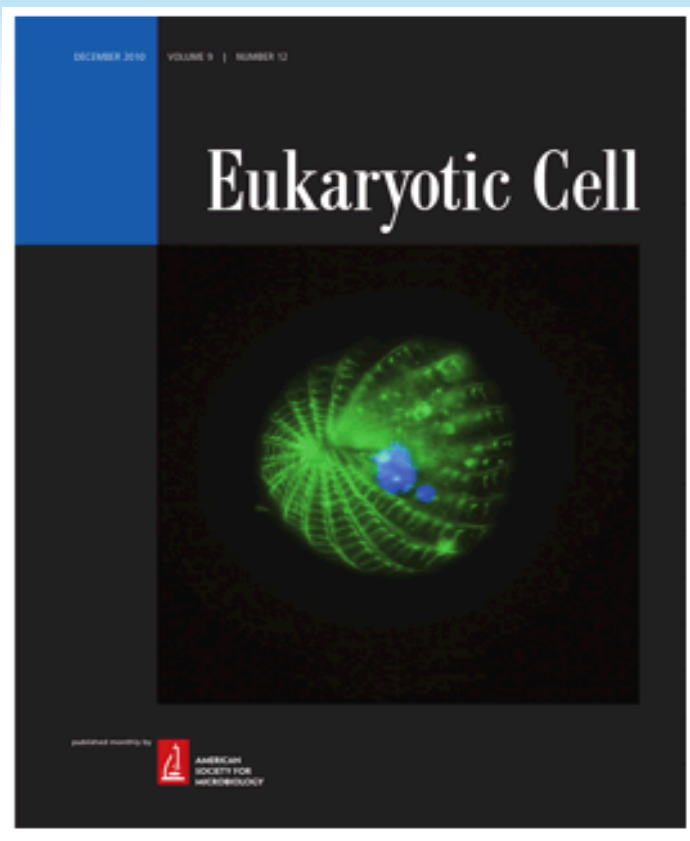
Clinical Vaccine and Immunology



- **IMPACT FACTOR: 2.373**
- **Online only publication**

- 《临床与疫苗免疫学》刊发免疫学与疫苗研究领域文章，帮助理解人体免疫系统在各种健康及疾病状态的反应；
- 包括人体免疫学疾病的动物模型、病毒免疫学、免疫病理机制、临床免疫学、疫苗的发展和评价等。
- E-ISSN 1556-679X
- 出版频次：月刊
- 在线全文年限：1994-

Eukaryotic Cell

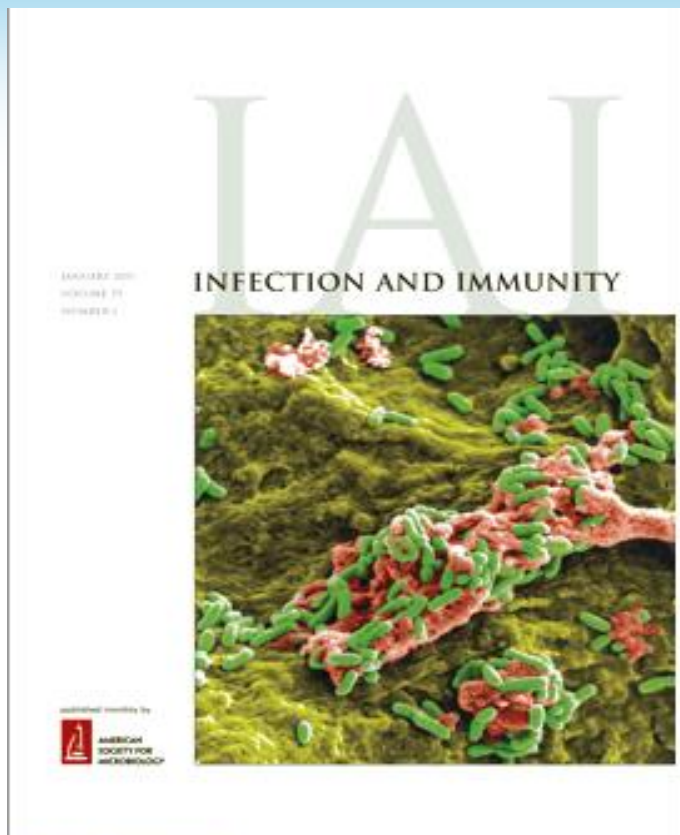


About This Cover

- **IMPACT FACTOR: 3.806**
- Eigenfactor score ranked in Top 15 journals in Microbiology
- Online only publication

- 《真核细胞》发表简单真核微生物，如酵母，真菌，海藻，原生动物和阿米巴等领域的研究文章，也关注微生物的病毒，细胞器以及与生活系统相互作用等方面的研究。
- E-ISSN 1535-9786
- 出版频次：月刊
- 在线全文年限：2002-

Infection and Immunity



About This Cover

- **IMPACT FACTOR: 4.205**
- #1 cited journal in Infectious Diseases and #3 in Immunology, with > 52,000 citations
- Eigenfactor score ranked #3 in Infectious Diseases

- 《感染与免疫》报道有关**宿主和病原相互作用的机理**，以及**预防和治疗感染病的策略**；
- 主要领域包括**病原菌，真菌以及寄生虫所致感染**；**病原体的分子机理**；**致病因子与宿主细胞的相互作用**，等。
- P-ISSN 0019-9567
- E-ISSN 1098-5522
- 出版频次：月刊
- 在线全文年限：1970-

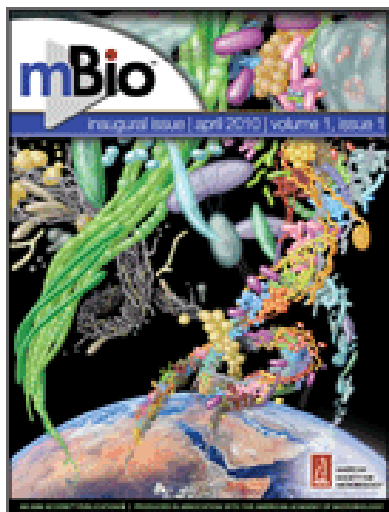
Journal of Clinical Microbiology



- **IMPACT FACTOR: 4.162**
- #6 journal in Microbiology ranked by Eigenfactor score
- #3 cited journal in Microbiology, with > 49,000 citations

- 《临床微生物学杂志》刊发人体与动物感染、寄生虫寄生的学术文章；
- 侧重于病因学因素，诊断和流行病学方面的研究。
- P-ISSN 0095-1137
- E-ISSN 1098-660X
- 出版频次：月刊
- 在线全文年限：1975-

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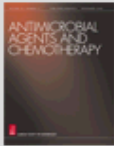
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SUSCEPTIBILITY:
Yan Xu, Guangren Pang, Dongqing Zhao, Chuanwen Gao, Lutan Zhou, Shengtao Sun, and Bingliang Wang
In Vitro Activity of Thimerosal against Ocular Pathogenic Fungi
Antimicrob. Agents Chemother., Jan 2010; 54: 536 - 539.
▶of Thimerosal against Ocular Pathogenic Fungi Published ahead of print on 19 October...and natamycin against ocular pathogenic fungi in vitro. The problem of keratomycosis...of thimerosal against ocular pathogenic fungi has not been evaluated so far. The present.....

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SUSCEPTIBILITY:
J. Pannu, A. McCarthy, A. Martin, T. Hamouda, S. Ciotti, A. Fothergill, and J. Sutcliffe
NB-002, a Novel Nanoemulsion with Broad Antifungal Activity against Dermatophytes, Other Filamentous Fungi, and Candida albicans
Antimicrob. Agents Chemother., Aug 2009; 53: 3273 - 3279.
▶against Dermatophytes, Other Filamentous Fungi, and Candida albicans Published ahead...well as 12 other genera of filamentous fungi. NB-002 consistently displayed fungicidal...mutants. For filamentous nondermatophyte fungi, the MIC range varied from 0.06 to 0.5.....

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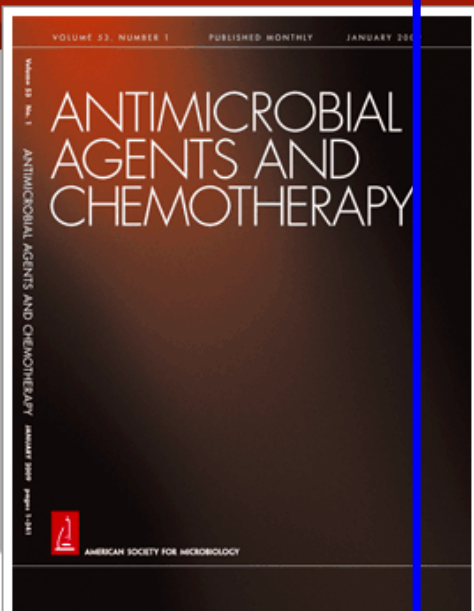
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Antimicrobial Agents and Chemotherapy (AAC) features interdisciplinary studies that build our understanding of the underlying mechanisms and therapeutic applications of antimicrobial and antiparasitic agents and chemotherapy.

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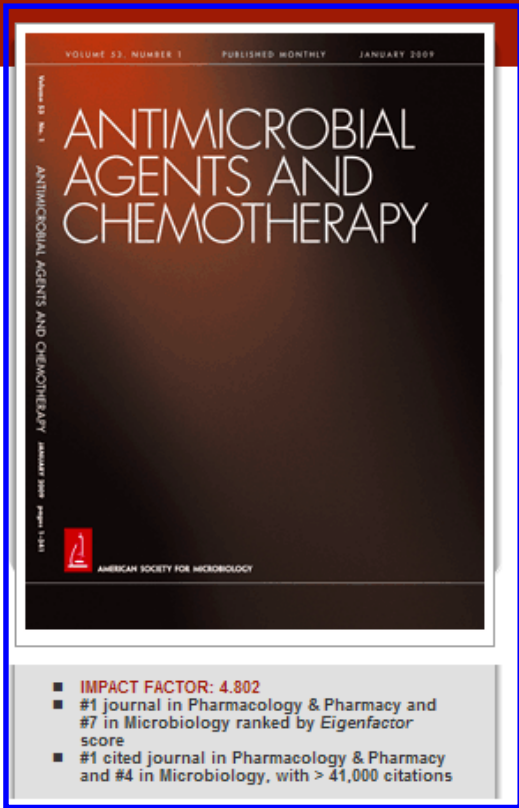
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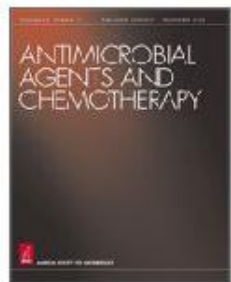
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Genetic Predisposition Favors the Acquisition of Stable Artemisinin Resistance in Malaria Parasites ^{▽, †}

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The emergence of artemisinin-resistant *Plasmodium falciparum* malaria jeopardizes efforts to control this infectious disease. To identify factors contributing to reduced artemisinin susceptibility, we have employed a classical genetic approach by analyzing artemisinin responses in the F1 progeny of a genetic cross. Our data show that reduced artemisinin susceptibility is a multifactorial trait, with *pfmdr1* and two additional loci (on chromosomes 12 and 13) contributing to it. We further show that the different artemisinin susceptibilities of the progeny strains affect their responses to selection with increasing concentrations of artemisinin. Stable, high-level *in vitro* artemisinin resistance rapidly arose in those parasites that were the least artemisinin susceptible among the F1 progeny, whereas progeny that were highly artemisinin susceptible did not acquire stable artemisinin resistance. These data suggest that genetic predisposition favors the acquisition of high-level artemisinin resistance. *In vitro*-induced artemisinin resistance did not result in cross-resistance to artesunate or artemether, suggesting that resistance to one derivative does not necessarily render the entire drug class ineffective.

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Genetic Predisposition Favors the Acquisition of Stable Artemisinin Resistance in Malaria Parasites ▽, †

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