ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

이용자 가이드

ASM Journals

AMERICAN SOCIETY FOR MICROBIOLOGY

ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

http://journals.asm.org/

ASM (American Society for Microbiology)

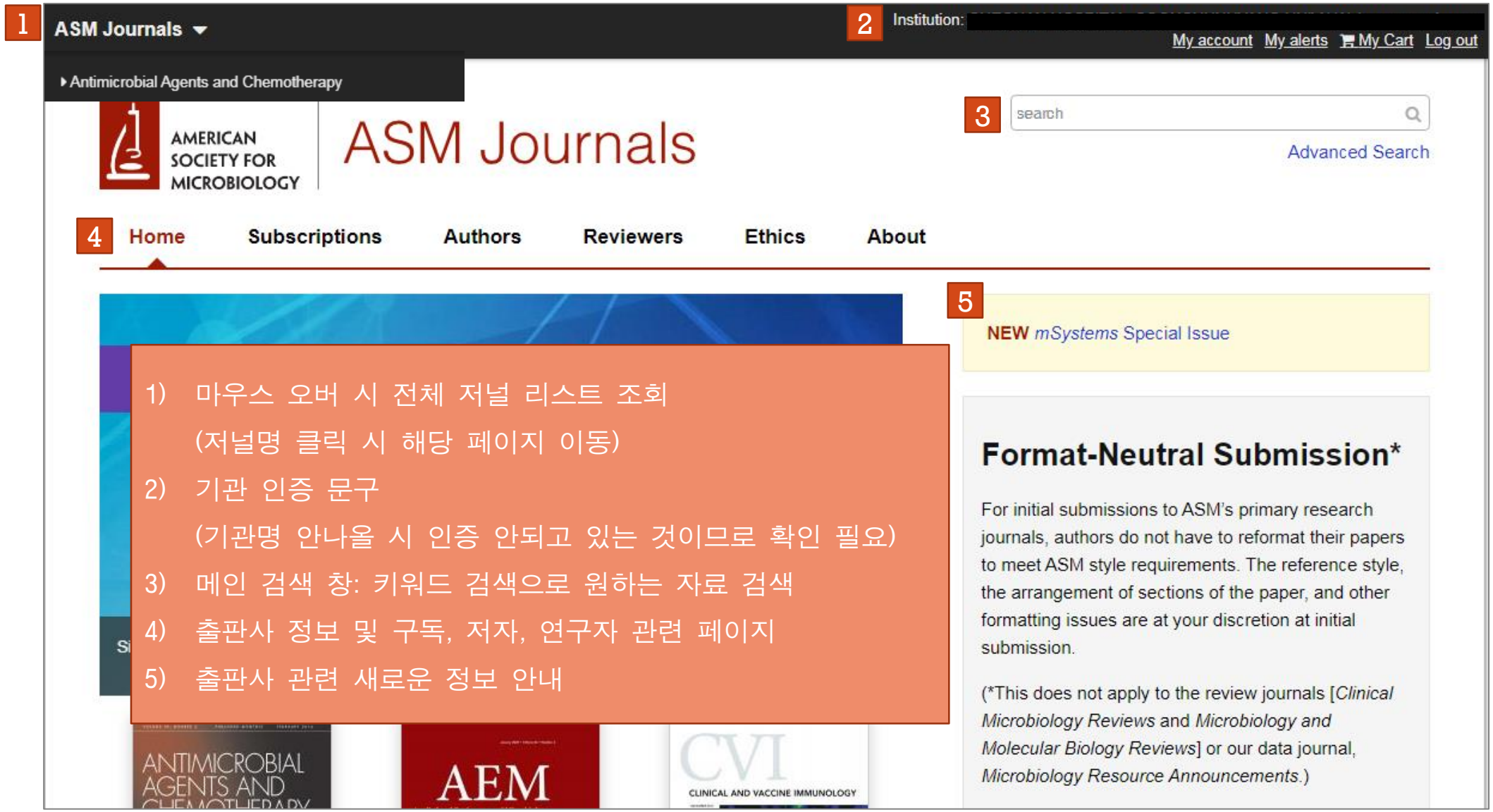
- ASM은 전세계적으로 가장 오래되고 방대한 생명과학 분야의 멤버십 조직입니다.
- 1899년 59명의 과학자들과 시작하여 현재 39,000명의 과학자가 함께 하고 있으며.
- 그 중 3분의 1은 미국 외 국가에 소속되어 있습니다.

- ASM의 가장 큰 미션은 미생물 과학분야의 진보 및 발전입니다.
- (생명과학, 면역학, 미생물학, 약리학, 생물학, 생리학, 의학, 수의학, 생명공학 및 관련 농업 분야)

- Journal of Clinical Microbiology *포함 16종 제공 (OA 5종 포함)*
- *Journal 별 URL 다름*

ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

메인화면



ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

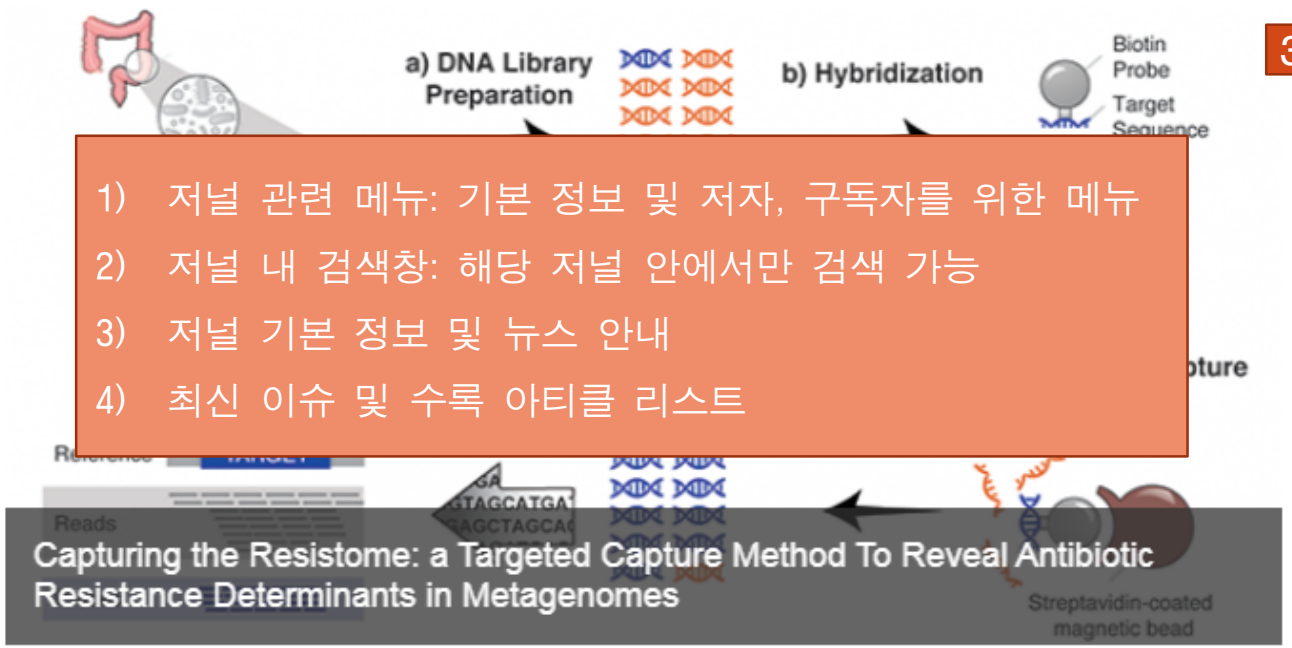
저널 상세 페이지 1

AMERICAN SOCIETY FOR MICROBIOLOGY | Antimicrobial Agents and Chemotherapy

2 search

Advanced Search

1 Home | Articles | For Authors | About the Journal | Subscribe

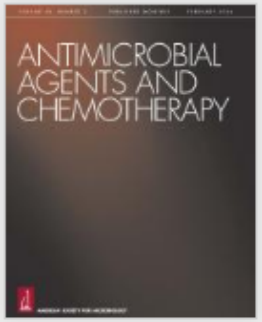


Capturing the Resistome: a Targeted Capture Method To Reveal Antibiotic Resistance Determinants in Metagenomes

3

1) 저널 관련 메뉴: 기본 정보 및 저자, 구독자를 위한 메뉴
2) 저널 내 검색창: 해당 저널 안에서만 검색 가능
3) 저널 기본 정보 및 뉴스 안내
4) 최신 이슈 및 수록 아티클 리스트

NEW! ASM Open Data Policy



Current Issue

volume 64, issue 1

Table of Contents (PDF)

Submit a Manuscript

About AAC

4 Current Issue | Accepted Manuscripts

ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

저널 상세 페이지 2

1 Current Issue | Accepted Manuscripts

Editorial

Editorial

Acknowledgment of *Ad Hoc* Reviewers

Louis B. Rice

Commentaries

Edit

W
21

We highlight features associated with bacteriophage therapy that make it an attractive treatment option for multidrug-resistant infections and also discuss some of the challenges that need to be considered in the design and execution of clinical trials directed at evaluating the efficacy of bacteriophage therapy in humans.

Saima Aslam, Robert T. Schooley

4 **Editor's Pick** Commentary

No Amikacin, No Problem: a Successful Treatment Approach for Pediatric Otomastoiditis Due to Amikacin-Resistant *Mycobacterium abscessus*

1) 최신 이슈 및 수록 아티클 리스트
2) 저널 기본 정보 및 최신 소식 제공
3) 가장 많이 이용된&인용된 아티클 리스트
4) 아티클명 클릭 후 아티클 상세페이지 이동

2 About AAC

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.

For Authors

ASM Author Center
Editorial Board
Policies
Publication Fees

Dr. Louis B. Rice, Editor in Chief

3 Most Read | Most Cited

ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

검색 결과 페이지

1 **234,979 Results** for term "cell"

2 **Results/page** 10 **Order by** Best Match

3

REFINE SEARCH

5 HIV Infection Stabilizes Macrophage-T Cell Interactions To Promote Cell-Cell HIV Spread

Journal of Virology 2019 93 (18): e00805-19. **doi:** 10.1128/JVI.00805-19

...Medical Center Address correspondence to Thomas T. Murooka, thomas.murooka@umanitoba.ca. Citation Lopez P, Koh WH, Hnatiuk R, Murooka TT. 2019. HIV infection stabilizes macrophage-T **cell** interactions to promote **cell-cell** HIV spread. J Virol 93:e00805-19. https://doi.org/10.1128/JVI.00805 ...

FOXM1-activated LINC01094 promotes clear cell renal cell carcinoma development via miR-224-5p/CHSY1

Molecular and Cellular Biology 2019 MCB.00357-19. **doi:** 10.1128/MCB.00357-19

...1 FOXM1-activated LINC01094 promotes
Yufeng Jiang , Haimin Zhang 2, * , Wei Li , Y
Branch, Shanghai Tenth Peoples 6 Hospital,

Cell-to-Cell Variation in Def
Responses during Influenza

mBio 2020 11 (1): e02880-19. **doi:** 10.112

...A, Wang M, Hamou W, Smith M, Sebra R,
expression and effects on host responses du
https://doi.org/10.1128/mBio.02880-19. ABS

1) 검색 결과 값
2) 검색 결과 설정 (관련성/최신성)
3) 부가기능: 검색 환경설정 등
4) 결과 내 재검색 메뉴
(출판연도별, 저널별 좁혀보기)
5) 아티클명 클릭하여 상세페이지 이동

4

Publication date

2020 (335)
2016-2019 (19,967)
2011-2015 (29,677)
2006-2010 (30,484)
1981-2005 (119,788)

Show More

Journal

Antimicrobial Agents and Chemotherapy (20,483)
Applied and Environmental Microbiology (33,004)
Clinical and Vaccine Immunology (4,580)
Clinical Microbiology Reviews (1,074)
Eukaryotic Cell (2,539)

ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

아티클 상세 페이지

Virus-Cell Interactions | Spotlight

HIV Infection Stabilizes Macrophage-T Cell Interactions To Promote Cell-Cell HIV Spread

Paul Lopez, Wan Hon Koh, Ryan Hnatiuk, Thomas T. Murooka

Frank Kirchhoff, Editor

DOI: 10.1128/JVI.00805-19 Check for updates

1 **Article** Figures & Data Info & Metrics PDF

ABSTRACT

Macrophages are susceptible to HIV infection and play an important role in viral dissemination through cell-cell contacts with T cells. However, our current understanding of macrophage-to-T cell HIV transmission is derived from studies that do not consider the robust migration and cell-

spread. HIV-infected macrophages displayed strikingly elongated podosomal extensions that

1) 아티클 상세화면
(HTML 열람(기본), PDF 저장 가능, 초록 정보, 도표 등 제공)
2) 부가기능: 저장, 출력, 알림, 색인 정보 추출, 공유하기 등
3) 목차별 보기, 주요 키워드 목록, 관련 있는 아티클,
추천 아티클 목록 제공

2

- Download PDF
- Citation Tools
- Print
- Reprints and Permissions
- Alerts
- Email
- Share

3

- Top
- Article
  - ABSTRACT
  - INTRODUCTI
  - RESULTS
  - DISCUSSION
  - MATERIALS A
  - ACKNOWLED
  - FOOTNOTES
  - REFERENCE

화면 하단 계속

KEYWORDS

HIV, T cells, cell migration, cell-cell interactions, fluorescent reporters, live-cell imaging, macrophages

Related Articles

We recommend

Directed Egress of Animal Viruses Promotes Cell-to-Cell Spread
J Virol, 2002

ASM (AMERICAN SOCIETY FOR MICROBIOLOGY)

아티클 PDF 열람 화면

AMERICAN SOCIETY FOR MICROBIOLOGY | Journal of Virology®

VIRUS-CELL INTERACTIONS

Check for updates

HIV Infection Stabilizes Macrophage-T Cell Interactions To Promote Cell-Cell HIV Spread

Paul Lopez,[a] Wan Hon Koh,[a] Ryan Hnatiuk,[a] Thomas T. Murooka[a,b]

[a]Department of Immunology, University of Manitoba, Winnipeg, Manitoba, Canada
[b]Department of Medical Microbiology and Infectious Disease, University of Manitoba, Winnipeg, Manitoba, Canada

ABSTRACT Macrophages are susceptible to HIV infection and play an important role in viral dissemination through cell-cell contacts with T cells. However, our current understanding of macrophage-to-T cell HIV transmission is derived from studies that do not consider the robust migration and cell-cell interaction dynamics between these cells. Here, we performed live-cell imaging studies in 3-dimensional (3D) collagen that allowed $CD4^+$ T cells to migrate and to locate and engage HIV-infected macrophages, modeling the dynamic aspects of the *in situ* environm which these contacts frequently occur. We show that HIV^+ macrophages form contacts with $CD4^+$ T cells that are facilitated by both gp120-CD4 and LFA-1–ICAM teractions and that prolonged contacts are a prerequisite for efficient viral s LFA-1–ICAM-1 adhesive contacts function to restrain highly motile T cells, since blockade substantially destabilized macrophage-T cell contacts, resulting in abnor-

PDF 열람화면: 화면 회전하기, 저장, 인쇄, 북마크 메뉴

감사합니다.

*이용문의
yjchoi@jbrighten.co.kr
070-4136-3610