MICROBIOLOGY RESOURCES

Collaboration and knowledge sharing are key components in accelerating scientific discoveries and advancing global health. Explore our expanding collection of culture guides, white papers, and application notes to learn more about the innovative research and development being performed by thought leaders in science.

CULTURE GUIDES

When working with microorganisms, it is important to have protocols you can trust. Download our culture guides to access detailed information on the handling, cultivation, and preservation of bacteria, fungi, protists, and viruses.

- Introduction to Microbiology
- Bacterial Culture Guide
- Mycology Culture Guide
- Protistology Culture Guide
- Virology Culture Guide

FIND ALL OF OUR GUIDES AT WWW.ATCC.ORG/GUIDES

APPLICATION NOTES

Credible reference standards enable greater specificity and functionality to the researcher’s toolkit. Browse a hand-picked selection of our application notes for access to in-depth data on the development and validation of these products and to explore proof-of-concept studies focused on their various applications.

- ATCC Strains with Demonstrated Biocatalytic Ketone Reduction Capability
- Development and Evaluation of Next-Generation Sequencing Standards for Virome Research
- Development and Evaluation of Whole Cell- and Genomic DNA-Based Microbiome Reference Standards
- Development and Use of Synthetic Molecular Standards for Dengue Virus Serotypes 1-4
- Development and Validation of a Quantitative Synthetic Molecular Standard for Monkeypox virus
- Development of ATCC Molecular Standards for Human Herpesvirus 1 and 2 (HSV-1 and HSV-2)
- Development of Improved Synthetic Molecular Standards for Norovirus Genogroups I and II
- Development of Synthetic Molecular Standards for Hepatitis B and Hepatitis C Virus
- Microbial Genome Databases – Existing Challenges and the Need for Authenticated Reference Genomes
- Novel fluorescent reporters for studying host-pathogen interactions
- Use of Recombinant Bacteria with Unique Tags as Spike-in Controls for Microbiome Studies

ACCESS OUR COMPLETE COLLECTION OF APPLICATION NOTES AT WWW.ATCC.ORG/APPLICATIONNOTES
WHITE PAPERS

ATCC is dedicated to accelerating biological research and advancing global health by facilitating communication and ideas among scientists. White papers offer a powerful communication tool that helps inform researchers on important issues and possible solutions. Browse a selection of our white papers below to explore a variety of topics ranging from antimicrobial resistance and bacteriophage therapy to the importance of authentication and the need for standards.

Authentication of Prokaryotes at ATCC
Bacteriophage Therapy – An Alternative Approach for Treating Multidrug-Resistant Infections
Challenges and Solutions in the Development and Validation of Molecular-based Assays
Improving Accuracy and Reproducibility in Life Science Research
Microbiological Quality Control of Pharmaceutical Products

Pneumococcal Polysaccharides — Advancing research and development

GLOBAL DISTRIBUTION

ATCC products are distributed to all countries except those restricted by U.S. law. For greater convenience, ATCC has authorized international distributors to facilitate distribution in many countries. Visit us online at www.atcc.org/Distributor to find your distributor.

QUICK LINKS

ATCC has the microbial tools needed for infectious disease research, vaccine development, quality control testing, environmental research, and more! Use our quick links below to find the credible materials and related resources you need for your essential research.

Blood-borne Diseases
Coronavirus Research Materials
Drug Resistance
Enteric Diseases
Environmental Research
Microbiome Research

Purified Viruses
Quality Control
Respiratory Diseases
Sexually Transmitted Diseases
Vaccine Development
Vector-borne Diseases

BROWSE OUR GROWING PORTFOLIO OF MICROORGANISMS AT WWW.ATCC.ORG/MICROBES