

Fiscal Year 2027 Appropriations Requests



AMERICAN
SOCIETY FOR
MICROBIOLOGY

The American Society for Microbiology (ASM) is one of the largest professional societies dedicated to the life sciences and is composed of more than 38,000 scientists and health practitioners. Our mission is to promote and advance the microbial sciences, including programs and initiatives funded by the U.S. government.

National Institutes of Health (NIH)

ASM requests \$51.3 billion for the NIH. This builds on Congress' recent investments in NIH that accelerate the development of new therapies and diagnostics, support current and future scientists nationwide, and advance the potential of medical research breakthroughs. ASM requests \$7.15 billion for the National Institute of Allergy and Infectious Diseases within NIH to fund basic, clinical and translational microbiology research on pressing threats to human health such as antimicrobial resistance. Infections frequently complicate other types of medical care, including organ transplantation, cancer treatment, cesarean sections, hip and knee replacements and other surgeries, making infectious disease research essential to the foundation of health care.

ASM also requests \$1.7 billion for the Advanced Research Projects Agency for Health (ARPA-H). For ARPA-H to be successful in targeted "high potential, high impact" research areas, any funding for ARPA-H should supplement, rather than supplant, investment at NIH.

FY 2027 Request:
\$51.3 billion

Current Funding Level:
\$47.2 billion

Centers for Disease Control and Prevention (CDC)

ASM requests funding for the CDC at \$11.6 billion for FY2027 to provide the scientific expertise and infrastructure necessary to prevent disease, prepare for emerging threats and respond to public health emergencies. ASM recommends \$870.5 million for the National Center for Emerging and Zoonotic Infectious Diseases consistent with the CDC's FY2026 Congressional Justification, including \$303.9 million for Emerging Infectious Diseases. ASM also recommends funding the Antimicrobial Resistance Solutions Initiative at \$400 million to lead the U.S. public health response and strategy by investing in national infrastructure to detect, respond, contain and prevent resistant infections across health care settings.

Other examples of CDC's innovative work include the Advanced Molecular Detection (AMD) program and the National Wastewater Surveillance System (NWSS) within the National Center for Emerging and Zoonotic Infectious Diseases. ASM supports increasing appropriations for the AMD program to \$175 million to integrate next-generation sequencing techniques to find, track and stop disease-causing pathogens quickly and build on AMD's innovation, modernize state and local health departments and collaborate with U.S. universities to strengthen the public health workforce. ASM requests \$120 million for NWSS to support the infrastructure and expertise needed to conduct wastewater surveillance to detect, prevent and respond to infectious disease outbreaks.

FY 2027 Request:
\$11.6 billion

Current Funding Level:
\$9.2 billion

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National Science Foundation (NSF)

ASM requests \$9.9 billion for NSF to sustain curiosity-driven, high-impact research, strengthen STEM education and workforce programs and advance solutions to today's most pressing challenges. ASM supports robust funding for the NSF Directorate for Biological Sciences at \$863 million to enable breakthroughs in understanding how microbes function, evolve and interact with their environment.

FY 2027 Request:
\$9.9 billion

Current Funding Level:
\$8.75 billion

Department of Agriculture's Agriculture and Food Research Initiative (AFRI)

ASM requests \$500 million for AFRI in FY2027 to spur new innovations that fuel the economy, safeguard food security, and conserve our nation's environmental resources. This includes research on the microbiomes of food animals, plants and soils, on food and nutrition security and on agricultural biosecurity to protect our nation's food supply.

FY 2027 Request:
\$500 million

Current Funding Level:
\$435 million

Department of Energy's Office of Science

ASM requests \$9.5 billion for DOE's Office of Science to invest in fundamental research and to ensure the U.S. remains a global leader in science and technology. ASM also supports robust funding for the Biological and Environmental Research program within the DOE Office of Science to achieve an increased understanding of biological and environmental systems to advance the nation's energy and infrastructure security. ASM strongly encourages support for the Joint Genome Institute (JGI) and requests \$104 million to advance genomics and to support the National Microbiome Data Collaborative within JGI to standardize large microbiome datasets that transform data bottlenecks into innovative discoveries. ASM also supports funding for the Bioenergy Research Centers at \$120 million for research into viable and sustainable domestic biofuel and bioproducts industries.

FY 2027 Request:
\$9.5 billion

Current Funding Level:
\$8.24 billion

Department of State's Global Health Programs

ASM requests at least \$5.9 billion for the Global Health programs and \$615.6 million for the Global Health Security program. In today's interconnected world, infectious disease threats including Ebola, mpox, SARS and antimicrobial resistance can quickly become global threats. ASM members understand firsthand the importance of addressing biological threats. Funding these programs ensures low- and middle-income countries are equipped with the resources they need to prevent, detect and respond to infectious diseases and to strengthen pandemic preparedness.

FY 2027 Request:
\$5.9 billion

Current Funding Level:
\$5.9 billion