



FEATURED COLLECTION

FUNGAL RESEARCH MATERIALS

From nutrient cycling and maintaining ecosystem balance to food spoilage and causing disease—fungi play an important role in our everyday lives. ATCC supports research on these incredible eukaryotes by housing and providing scientists with a diverse assortment of filamentous fungi and yeasts representing over 7,600 different species. Explore our immense collection of fully characterized and authenticated fungi and see how we can support your essential research applications.



Fungal infections, known as mycoses, can range in severity from mild symptoms to life-threatening disease. Support your infectious disease research with fully authenticated strains from ATCC. Our diverse collection includes fungal pathogens such as *Cryptococcus*, *Aspergillus*, *Candida*, and *Histoplasma* species. Explore now at www.atcc.org/InfectiousDisease.



The emergence and spread of drug-resistant fungi pose an alarming threat to humans, livestock, and crops. As a result, the development of novel antifungal therapeutics has become a critical priority. Get started on your research with drug-resistant strains of *Candida auris* and *Candida albicans* and be sure to check out our Antifungal Susceptibility Testing Panel at www.atcc.org/Drug-resistantFungi.



Molecular assays are powerful tools for the detection and identification of clinically relevant microbial pathogens. To support the development of these assays, ATCC provides ready-to-use, quantitative genomic DNA preparations that can be used throughout the assay development process. Explore our portfolio of molecular standards at www.atcc.org/MolecularStandards.



The complexities of metagenomics methods pose significant challenges for microbiome research. To help you optimize your diverse research applications, we provide genomic DNA and whole cell mycobiome standards. These products comprise an even mixture of fully sequenced, authenticated fungal strains selected on the basis of genus classification, genome size, and other special features. Order now at www.atcc.org/Microbiome.





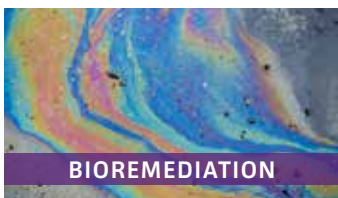
We know that the validity of any microbial-based assay is dependent upon minimally passaged, fully characterized control organisms. That's why our quality control strains are meticulously characterized and preserved to maintain these materials in a manner that permits reproducibility of results across time and among laboratories around the world. Browse our collection of quality control strains today at www.atcc.org/QC.



Biocontrol uses natural enemies as a pest management strategy. ATCC supports this research with over 400 fungal strains with potential biocontrol applications against weeds, nematodes, microbial pathogens, and arthropods. We also offer fungal plant pathogens for use in examining the efficacy of biocontrol agents. Explore our collection at www.atcc.org/Biocontrol.



Global warming coupled with the finite nature of fossil fuels has led to a renewed interest in the production of alternative fuels that are sustainable and environmentally friendly. ATCC supports this research with over 590 fungal strains with the potential ability to produce biodiesel, bioethanol, hydrocarbons, and lignocellulosic ethanol. Get started at www.atcc.org/Biofuel.



Bioremediation techniques utilize microbial species to reduce biological contamination by breaking down pollutants into non-toxic substances. Our diverse collection of fungi encompasses over 130 strains with potential bioremediation applications against compounds such as heavy metals, aromatic hydrocarbons, petroleum, and organopollutants. Browse our portfolio at www.atcc.org/Bioremediation.

EXPLORE OUR GROWING COLLECTION OF FUNGI AT WWW.ATCC.ORG/MYCOLOGY

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