



## THE AD HOC GROUP FOR MEDICAL RESEARCH

### *The Ad Hoc Group Fiscal Year 2024 Recommendation*

The 373 undersigned members of the Ad Hoc Group for Medical Research, which includes organizations representing patients, scientists, health professionals, research and academic institutions, educators, and industry, are grateful to Congress for making meaningful annual funding growth for the National Institutes of Health (NIH) a key, bipartisan national priority. NIH-funded biomedical, behavioral, social, and population-based research improves our understanding of fundamental life and health sciences, equips the nation to combat both known and unprecedented health threats, and converts the hope of improved health into a reality for patients and their families. The federal investment in this lifesaving work in labs across the country also has a multiplier effect in local and regional economies, catalyzes new industries, enhances the U.S.'s global competitiveness, establishes viable career paths, and generates additional high quality jobs in communities nationwide.<sup>i</sup>

**For fiscal year (FY) 2024, the Ad Hoc Group recommends at least \$50.924 billion for NIH's foundational work, a \$3.465 billion increase over the comparable FY 2023 program level, which would allow NIH's base budget to keep pace with the biomedical research and development price index (BRDPI) and allow meaningful growth of nearly 5%<sup>ii</sup>.**

As the world's premier public funder of medical research, the NIH plays an important role in our nation's international leadership, and robust annual growth in support for NIH is key not only to improving people's health but also to maintaining our competitiveness in the global economy. Strong growth above BRDPI for the NIH provides critical support for additional research across the agency's diverse areas of study, conducted nationwide and through the NIH's 27 individual Institutes and Centers. Over the years, distinguished leaders and experts in medical research have recommended sustained real growth for the NIH through increases that exceed inflation by 4-6%.<sup>iii,iv,v,vi</sup> Several bipartisan members of Congress<sup>vii,viii</sup> have recommended restoring federal research and development (R&D) investments to 2% of U.S. gross domestic product. In addition, the Science & Technology Action Committee also estimated that the U.S. should at least double its R&D investment by 2026 in order to remain a global competitor in science, technology, engineering, and math.<sup>ix</sup> The Ad Hoc Group's FY 2024 recommendation would represent a step forward toward these objectives by expanding the NIH's capacity to make tangible progress against the wide range of diseases and conditions facing families and communities nationwide.

In FY 2023, Congress authorized the newly established Advanced Research Projects Agency for Health (ARPA-H) as an autonomous agency within the NIH with \$1.5 billion to advance ARPA-H's unique focus on "high potential, high impact" research beyond what is traditionally supported by the NIH. In addition to the Ad Hoc Group's FY 2024 recommendation of at least \$50.924 billion for NIH's base budget, many of our organizations also have been engaging ARPA-H and separately support renewing the ARPA-H investment in FY 2024. As this new entity ramps up its work in targeted research areas and its focus on accelerating the development of commercial products, our broad-based, national community of diverse stakeholders is unanimous in emphasizing that for ARPA-H to be maximally successful, any

funding for ARPA-H should supplement, rather than supplant, the essential foundational investment in the NIH.

We urge lawmakers to continue to support patients and discovery, to ensure a funding allocation for the Labor-HHS Subcommittee that allows for the necessary investment in NIH and other agencies that promote the health of our nation, and to work expeditiously to complete FY 2024 appropriations in a timely manner. Our nation's health depends on it.

### **373 Signatories as of March 14, 2023**

Academic Consortium for Integrative Medicine and Health  
Academic Pediatric Association  
Academy for Radiology & Biomedical Imaging Research  
Accessia Health  
ACT for NIH  
Albert Einstein College of Medicine  
Allen Institute  
Alliance for Academic Internal Medicine (AAIM)  
Alliance for Aging Research  
Alliance for Headache Disorders Advocacy  
Alpha-1 Foundation  
ALS Association  
Alzheimer's Association  
Alzheimer's Impact Movement  
American Academy of Addiction Psychiatry  
American Academy of Allergy, Asthma & Immunology  
American Academy of Hospice and Palliative Medicine  
American Academy of Neurology  
American Academy of Pediatrics  
American Academy of Sleep Medicine  
American Association for Anatomy  
American Association for Cancer Research  
American Association for Dental, Oral, and Craniofacial Research  
American Association for the Advancement of Science  
American Association for the Study of Liver Diseases  
American Association for Women in Radiology  
American Association of Colleges of Nursing  
American Association of Colleges of Osteopathic Medicine  
American Association of Colleges of Pharmacy  
American Association of Directors of Psychiatric Residency Training (AADPRT)  
American Association of Immunologists  
American Association of Neurological Surgeons  
American Association of Neuromuscular & Electrodiagnostic Medicine  
American Association of Physicists in Medicine (AAPM)  
American Association of Veterinary Medical Colleges  
American Brain Coalition  
American Cancer Society Cancer Action Network  
American College of Academic Addiction Medicine (ACAAM)  
American College of Clinical Pharmacology

American College of Neuropsychopharmacology  
American College of Nuclear Medicine (ACNM)  
American College of Obstetricians and Gynecologists  
American College of Osteopathic Internists  
American College of Physicians  
American College of Radiology  
American College of Rheumatology  
American College of Surgeons  
American Council on Education  
American Epilepsy Society  
American Gastroenterological Association  
American Geriatrics Society  
American Heart Association  
American Institute for Cancer Research  
American Institute for Medical and Biological Engineering  
American Institute of Ultrasound in Medicine  
American Lung Association  
American Massage Therapy Association  
American Medical Women's Association  
American Neurological Association  
American Pediatric Society  
American Physiological Society  
American Psychological Association Services, Inc.  
American Roentgen Ray Society  
American Society for Biochemistry and Molecular Biology  
American Society for Cell Biology  
American Society for Gastrointestinal Endoscopy  
American Society for Investigative Pathology  
American Society for Microbiology  
American Society for Nutrition  
American Society for Pharmacology and Experimental Therapeutics  
American Society for Radiation Oncology  
American Society for Reproductive Medicine  
American Society for Transplantation and Cellular Therapy  
American Society of Clinical Psychopharmacology  
American Society of Hematology  
American Society of Human Genetics  
American Society of Nephrology  
American Society of Neuroradiology  
American Society of Pediatric Nephrology  
American Society of Radiologic Technologists  
American Surgical Association  
American Thoracic Society  
American Urogynecologic Society  
American Urological Association  
Associated Medical Schools of New York  
Association for Clinical and Translational Science  
Association for Clinical Oncology  
Association for Prevention Teaching and Research  
Association for Psychological Science

Association for Research in Otolaryngology  
Association for Research in Vision and Ophthalmology (ARVO)  
Association of Academic Chairs of Emergency Medicine  
Association of Academic Health Sciences Libraries  
Association of Academic Health Sciences Libraries  
Association of Academic Psychiatrists  
Association of American Cancer Institutes  
Association of American Medical Colleges  
Association of American Universities  
Association of Anatomy, Cell Biology and Neurobiology Chairs  
Association of Bioethics Program Directors  
Association of Black Cardiologists  
Association of Chairs of Departments of Physiology  
Association of Independent Research Institutes  
Association of Medical School Pediatric Department Chairs  
Association of Minority Health Professions Schools  
Association of Pathology Chairs  
Association of Population Centers  
Association of Program Directors in Radiology  
Association of Psychologists in Academic Health Centers  
Association of Public and Land-Grant Universities  
Association of Rehabilitation Nurses  
Association of Schools and Colleges of Optometry  
Association of Schools and Programs of Public Health  
Association of University Professors of Neurology  
Association of University Professors of Ophthalmology  
Association of University Radiologists  
Atrium Health Wake Forest Baptist  
Autism Speaks  
AVAC  
Baylor College of Medicine  
Benaroya Research Institute  
Biophysical Society  
Boston University  
Broad Institute of MIT and Harvard  
Brown University  
Burke Neurological Institute  
Case Western Reserve University School of Medicine  
Cedars-Sinai  
Child Neurology Foundation  
Children's Hospital Association  
Children's Hospital of Philadelphia  
Choose Healthy Life  
Christopher & Dana Reeve Foundation  
Cleveland Clinic  
Clinical Research Forum  
Coalition for Clinical and Translational Science  
Coalition for the Life Sciences  
Coalition of Skin Diseases  
College on Problems of Drug Dependence (CPDD)

Columbia University  
Conference of Boston Teaching Hospitals  
Congress of Neurological Surgeons  
Consortium of Social Science Associations  
Cooley's Anemia Foundation  
Coriell Institute for Medical Research  
Cornell University  
Council of Graduate Schools  
Council on Social Work Education  
CURE Epilepsy  
Cure HHT  
CureSHANK  
Cystic Fibrosis Foundation  
Dana-Farber Cancer Institute  
Dartmouth Health  
Deadliest Cancers Coalition  
Debbie's Dream Foundation: Curing Stomach Cancer  
Digestive Disease National Coalition  
Dravet Syndrome Foundation  
Drexel University  
Duke Health  
Duke University  
Dystonia Medical Research Foundation  
ECAN Esophageal Cancer Action Network  
ECU Health  
Emory University  
Endocrine Society  
Entomological Society of America  
Epilepsy Alliance America  
Epilepsy Foundation  
Exon 20 Group  
FamilieSCN2A Foundation  
Federation of American Societies for Experimental Biology  
Federation of Associations in Behavioral and Brain Sciences  
Fight Colorectal Cancer  
Foundation for Sarcoidosis Research  
Fox Chase Cancer Center  
Fred Hutchinson Cancer Center  
Friends of NICHD  
Friends of the National Institute on Drug Abuse  
GBS|CIDP Foundation International  
Global Health Technologies Coalition  
GO2 for Lung Cancer  
Harvard University  
Hematology/Oncology Pharmacy Association  
Henry Ford Health  
Hepatitis B Foundation  
Hereditary Angioedema Association  
HIV Medicine Association  
Hope Charities

Hope for Stomach Cancer  
Houston Methodist  
Hydrocephalus Association  
Hypertrophic Cardiomyopathy Association  
ICAN, International Cancer Advocacy Network  
Indiana University  
Infectious Diseases Society of America  
Institute for Systems Biology  
International Foundation for CDKL5 Research  
International Foundation for Gastrointestinal Disorders  
International Pain Foundation  
International Society for Magnetic Resonance in Medicine  
International Society for Stem Cell Research  
Interstitial Cystitis Association  
JDRF  
Jeffrey Modell Foundation  
John & Amy Mewhiney Cancer Foundation  
Johns Hopkins University  
Keck Medicine of USC  
KidneyCAN  
LEAD Coalition (Leaders Engaged on Alzheimer's Disease)  
Lewis Katz School of Medicine at Temple University  
Louisiana Cancer Research Center  
Loyola Medicine  
LUNGeivity Foundation  
Lupus and Allied Diseases Association, Inc.  
Lupus Foundation of America  
Lupus Research Alliance  
Lymphatic Education & Research Network  
March of Dimes  
Mass General Brigham  
M-CM Network  
MDI Biological Laboratory  
Medical College of Wisconsin  
Medical Image Perception Society  
Medical Library Association  
Memorial Sloan Kettering  
MemorialCare Health System  
Mesothelioma Applied Research Foundation  
METAvivor  
Michelson Center for Public Policy  
Michelson Medical Research Foundation  
MLD Foundation  
Moffitt Cancer Center  
Morehouse School of Medicine  
Mount Sinai Health System  
National Alliance for Eye and Vision Research  
National Alliance on Mental Illness  
National Alopecia Areata Foundation  
National Association for Biomedical Research

National Association of State Alcohol and Drug Abuse Directors (NASADAD)  
National Ataxia Foundation  
National Brain Tumor Society  
National Eczema Association  
National Kidney Foundation  
National MS Society  
National Pancreas Foundation  
National Postdoctoral Association  
National Scleroderma Foundation  
Necrotizing Enterocolitis (NEC) Society  
NephCure Kidney International  
Neurocritical Care Society  
New York Medical College  
New York State Academic Dental Centers  
New York University  
North American Society for Pediatric Gastroenterology, Hepatology and Nutrition  
North American Vascular Biology Organization  
Northwestern University Feinberg School of Medicine  
Nutrition and Medical Foods Coalition  
NYU Langone Health  
Oklahoma Medical Research Foundation  
Oxalosis and Hyperoxaluria Foundation  
Pancreatic Cancer Action Network (PanCAN)  
Patrick Risha CTE Awareness Foundation  
PD-L1 Amplifieds  
Pediatric Policy Council  
Penn State University  
Personalized Medicine Coalition  
Platelet Disorder Support Association  
Population Association of America  
Premier Health  
Project Sleep  
Prostate Cancer Foundation  
Pulmonary Fibrosis Foundation  
Pulmonary Hypertension Association  
Radiological Society of North America  
Rare Epilepsy Network  
Recurrent Pregnancy Loss Association  
Research!America  
Restless Legs Syndrome Foundation  
RTI International  
Rutgers, The State University of New Jersey  
Say YES to Hope  
Siemens Healthineers  
Sjogren's Foundation  
Sleep Research Society  
Society for Academic Emergency Medicine  
Society for Advanced Body Imaging  
Society for Birth Defects Research and Prevention  
Society for Imaging Informatics in Medicine

Society for Maternal-Fetal Medicine  
Society for Neuroscience  
Society for Pediatric Radiology  
Society for Pediatric Research  
Society for Reproductive Investigation  
Society for Research in Child Development  
Society for Women's Health Research  
Society of Abdominal Radiology  
Society of Academic Associations of Anesthesiology and Perioperative Medicine (SAAAPM)  
Society of Behavioral Medicine  
Society of Breast Imaging  
Society of Chairs of Academic Radiology Departments  
Society of General Internal Medicine  
Society of Gynecologic Oncology  
Society of Interventional Radiology  
Society of Nuclear Medicine and Molecular Imaging  
Society of Radiologists in Ultrasound  
Society of Skeletal Radiology  
Society of Thoracic Radiology (STR)  
Society of Toxicology  
Society of University Surgeons  
Southern Illinois University School of Medicine  
St. Baldrick's Foundation  
Stanford University  
SYNGAP1 Foundation  
Texas A&M Health Science Center  
The Brain Donor Project  
The Chronic Disease Alliance  
The George Washington University  
The Gerontological Society of America  
The Michael J Fox Foundation for Parkinson's Research  
The Ohio State University Wexner Medical Center  
The State University of New York  
The University of Texas Southwestern Medical Center  
Triage Cancer  
TSC Alliance  
Tufts Medicine  
Tufts University  
Tulane University  
Tuskegee University College of Veterinary Medicine  
UCLA  
UF-FSU Clinical and Translational Science Institute (CTSA Hub)  
UMass Chan Medical School  
United for Medical Research  
United Ostomy Associations of America  
University of California San Francisco  
University of California System  
University of California, Santa Cruz  
University of Chicago Medical Center  
University of Cincinnati



University of Colorado System  
University of Illinois College of Medicine  
University of Iowa  
University of Maryland, Baltimore  
University of Michigan  
University of Nevada, Reno School of Medicine  
University of New Mexico  
University of North Carolina at Chapel Hill  
University of Pennsylvania  
University of Pittsburgh  
University of Rochester  
University of South Florida  
University of Southern California  
University of Utah Health  
University of Virginia  
University of Washington  
University of Miami Leonard M. Miller School of Medicine  
US Hereditary Angioedema Association  
USF Health Morsani College of Medicine  
Usher Syndrome Coalition  
UTHealth Houston  
UVA Health  
UW School of Medicine and Public Health  
Vanderbilt University  
Vanderbilt University Medical Center  
VentureWell  
Virginia Commonwealth University  
Virginia Tech  
WAIHA Warriors  
Washington State University  
Washington University in St. Louis  
West Virginia University  
Western Michigan University Homer Stryker M.D. School of Medicine  
Yale University

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- <sup>i</sup> United for Medical Research. NIH's Role In Sustaining The U.S. Economy. [https://unitedformedicalresearch.org/wp-content/uploads/2022/03/UMR\\_NIHs-Role-in-Sustaining-the-U.S.-Economy-FY21.pdf](https://unitedformedicalresearch.org/wp-content/uploads/2022/03/UMR_NIHs-Role-in-Sustaining-the-U.S.-Economy-FY21.pdf). Accessed March 31, 2022.
- <sup>ii</sup> The NIH Office of Budget released its updated BRDPI estimate for FY 2024 in February 2023, indicating a projected inflation value of 3.1% for FY 2024. The coalition developed its FY 2024 funding recommendation before the release of the updated projection, and utilized the previous projection of 2.3% for FY 2024. Under the updated projection, the Ad Hoc Group recommendation would represent growth above inflation of 4.2%.
- <sup>iii</sup> Loscalzo, J. The NIH Budget and the Future of Biomedical Research. *N Engl J Med*. 2006;354(16), 1665-1667. [doi.org/10.1056/NEJMp068050](https://doi.org/10.1056/NEJMp068050)
- <sup>iv</sup> Heinig, S. J., Krakower, J. Y., Dickler, H. B., & Korn, D. Sustaining the Engine of U.S. Biomedical Discovery. *New England Journal of Medicine*. 2007;357(10), 1042-1047. [doi:10.1056/nejmsb071774](https://doi.org/10.1056/nejmsb071774)
- <sup>v</sup> Senate Committee on Appropriations. (2016 April). *Hearing on FY2017 National Institutes of Health Budget Request* [Video]. <https://www.appropriations.senate.gov/hearings/hearing-on-fy2017-national-institutes-of-health-budget-request>
- <sup>vi</sup> Augustine, N., & Lane, N., et al. (2020). (rep.). *The Perils of Complacency America at a Tipping Point in Science & Engineering* (pp. 1–55). Cambridge, MA: American Academy of Arts and Sciences. <https://www.amacad.org/publication/perils-of-complacency>
- <sup>vii</sup> Schumer, C, Young, T, Khanna, R, Gallagher, M. US needs bipartisan push for scientific research after coronavirus: Congressional leaders. *USA Today*. May 14, 2020. <https://www.usatoday.com/story/opinion/2020/05/14/coronavirus-exposes-danger-of-underinvesting-in-scientific-research-column/3115013001/>
- <sup>viii</sup> Connolly, G. A competitive America must invest in R&D. *The Hill*. September 30, 2021. <https://thehill.com/blogs/congress-blog/technology/574791-a-competitive-america-must-invest-in-rd?rl=1>
- <sup>ix</sup> Science & Technology Action Committee. (2022 January). *Briefing Paper: A Roadmap for Investment in Science and Technology*. <https://sciencetechaction.org/news-item/white-paper-a-roadmap-for-investment-in-science-and-technology/>