



## THE AD HOC GROUP FOR MEDICAL RESEARCH

### *The Ad Hoc Group Fiscal Year 2023 Recommendation*

The 371 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 for aspiring scientists of diverse backgrounds, and generates other high quality jobs in communities nationwide.<sup>1</sup>

To promote the sustained, robust growth necessary to make consequential progress against pressing health challenges, **in fiscal year (FY) 2023, the Ad Hoc Group recommends a program level of at least \$49.048 billion for the NIH base budget**, which would represent an increase of \$4.1 billion over the comparable FY 2022 funding level (an increase of \$3.5 billion or 7.9% in the NIH appropriation plus funding from the 21st Century Cures Act for specific initiatives). **Importantly, the Ad Hoc Group strongly urges lawmakers to ensure that any funding for the new Advanced Research Projects Agency for Health (ARPA-H) supplement our \$49 billion recommendation for NIH's base budget, rather than supplant the essential foundational investment in the NIH.** In addition, the coalition supports the president's proposal to supplement NIH's budget with additional mandatory funding to speed the pace of pandemic response and readiness.

Several members of Congress<sup>2,3</sup> and the president<sup>4</sup> have recommended restoring federal research and development (R&D) investments to 2% of U.S. gross domestic product. Over the years, distinguished leaders and experts in medical research have similarly recommended

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<sup>1</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>2</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>3</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>4</sup> President Joe Biden. State of the Union Address. March 2, 2022.

<https://www.whitehouse.gov/briefing-room/speeches-remarks/2022/03/02/remarks-by-president-biden-in-state-of-the-union-address/>

sustained real growth through increases that exceed inflation by 4-6%.<sup>5,6,7,8</sup> The Science & Technology Action Committee also recently estimated that the U.S. should double its R&D investment by 2026 in order to remain a global competitor in science, technology, engineering, and math.<sup>9</sup> As the world's premier public funder of medical research, the NIH is a critical contributor to that international leadership, and robust annual growth in support for NIH will be key to achieving these objectives.

The countermeasures developed to respond to the global COVID-19 pandemic over the last two years are only the latest example of the value of the nation's longstanding commitment to the NIH. Decades of medical research supported by the NIH are the underpinning of virtually every preventive intervention, diagnostic, and treatment available today, and building on this foundation with the scientific studies of tomorrow will be key to ending cancer — and every other disease — as we know it. To fully harness novel research tools and partnerships against existing and looming threats, we must continue the forward momentum of meaningful investments in the NIH. Federal funding for research should be as aspirational as the improvements in patient health that we seek.

We urge lawmakers to continue to support 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 2023 appropriations in a timely manner. Our nation's health depends on it.

### **371 Signatories as of May 18, 2022**

Academic Consortium for Integrative Medicine and Health  
Academic Pediatric Association  
Academy for Radiology & Biomedical Imaging Research  
Accessia Health  
ACT for NIH  
Action to Cure Kidney Cancer  
Albert Einstein College of Medicine  
Alliance for Academic Internal Medicine (AAIM)  
Alliance for Aging Research  
Alliance of Dedicated Cancer Centers  
Alpha-1 Foundation  
ALS Association  
Alzheimer's Association/Alzheimer's Impact Movement

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<sup>5</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>6</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>7</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>8</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>9</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/>

Alzheimer's Foundation of America  
American Academy of Allergy, Asthma & Immunology  
American Academy of Hospice and Palliative Medicine  
American Academy of Neurology  
American Academy of Pediatrics  
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 (AAWR)  
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  
American Association of Immunologists  
American Association of Neurological Surgeons  
American Association of Neuromuscular & Electrodiagnostic Medicine  
American Association of Physicists in Medicine  
American Association of Veterinary Medical Colleges  
American Association of Women in Radiology  
American Brain Coalition  
American Cancer Society Cancer Action Network  
American College of Academic Addiction Medicine (ACAAM)  
American College of Cardiology  
American College of Clinical Pharmacology  
American College of Neuropsychopharmacology  
American College of Nuclear Medicine (ACNM)  
American College of Obstetricians and Gynecologists  
American College of Physicians  
American College of Radiology  
American College of Rheumatology  
American College of Surgeons  
American Council on Education  
American Gastroenterological Association  
American Geriatrics Society  
American Heart Association (AHA)  
American Institute for Cancer Research  
American Institute for Medical and Biological Engineering  
American Institute of Ultrasound in Medicine  
American Liver Foundation  
American Lung Association  
American Massage Therapy Association  
American Neurological Association  
American Pediatric Society  
American Physiological Society  
American Psychological Association  
American Roentgen Ray Society (ARRS)  
American Society for Biochemistry and Molecular Biology  
American Society for Cell Biology  
American Society for Gastrointestinal Endoscopy  
American Society for Investigative Pathology

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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 Therapies  
American Society of Anesthesiologists  
American Society of Biochemistry and Molecular Biology  
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 Transplantation (AST)  
American Surgical Association  
American Thoracic Society  
American Urogynecologic Society  
American Urological Association  
Anxiety and Depression Association of America  
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 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 and Graduate Departments of Biochemistry (AMGDB)  
Association of Medical School Pediatric Department Chairs  
Association of Minority Health Professions Schools  
Association of Pathology Chairs  
Association of Population Centers  
Association of Psychologists in Academic Health Centers  
Association of Public and Land-Grant Universities  
Association of Schools & Programs of Public Health  
Association of Schools and Colleges of Optometry (ASCO)  
Association of University Professors of Neurology  
Association of University Professors of Ophthalmology  
Association of University Radiologists  
Atrium Health

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Autism Speaks  
AVAC  
Baruch S. Blumberg Institute  
Baylor College of Medicine  
Biophysical Society  
BJC HealthCare  
Boston Medical Center  
Boston University  
Brain Injury Association of America  
Brown University  
California Institute of Technology  
Case Western Reserve University School of Medicine  
Cedars-Sinai  
CFC International  
Child Neurology Foundation  
Children's Healthcare of Atlanta  
Children's Hospital Association  
Children's Hospital Los Angeles  
Children's Hospital of Philadelphia  
Children's Mercy Kansas City  
ChristianaCare  
Christopher & Dana Reeve Foundation  
Cincinnati Children's Hospital Medical Center  
Clinical Research Forum  
Coalition for Clinical and Translational Science  
Coalition for the Life Sciences  
Cold Spring Harbor Laboratory  
College on Problems of Drug Dependence  
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  
Creighton University School of Medicine  
Crohn's & Colitis Foundation  
Cure Alzheimer's Fund  
CURE Epilepsy  
Cure HHT  
Cystic Fibrosis Foundation  
Dana-Farber Cancer Institute  
Dartmouth-Hitchcock Health  
Deadliest Cancers Coalition  
Debbie's Dream Foundation: Curing Stomach Cancer  
Digestive Disease National Coalition  
Dravet Syndrome Foundation  
Drexel University  
Duke Health

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Duke University  
Dup15q Alliance  
Dystonia Medical Research Foundation  
East Carolina University  
ECAN Esophageal Cancer Action Network, Inc.  
Emory University  
Empowering Epilepsy  
Endocrine Society  
Entomological Society of America  
Epilepsy Foundation  
Epilepsy Leadership Council  
Federation of American Societies for Experimental Biology  
Federation of Associations in Behavioral and Brain Sciences  
Fight Colorectal Cancer  
Foundation For Sarcoidosis Research  
Fred Hutchinson Cancer Center  
Friends of NICHD  
Friends of NIDA  
GBS|CIDP Foundation International  
Global Down Syndrome Foundation  
Global Health Technologies Coalition  
Global Liver Institute  
GlucosePATH, LLC  
GO2 Foundation for Lung Cancer  
Harvard University  
HCMA: Hypertrophic Cardiomyopathy Association  
Henry Ford Health  
Hepatitis B Foundation  
Hereditary Angioedema Association  
ICAN, International Cancer Advocacy Network  
Indiana University  
Infectious Diseases Society of America  
Integrative Health Policy Consortium  
International Essential Tremor Foundation  
International Foundation for CDKL5 Research  
International Pain Foundation  
International SCN8A Alliance  
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 & Medicine  
KidneyCAN  
KRAS Kickers  
Lennox-Gastaut Syndrome (LGS) Foundation  
Louisiana Cancer Research Center  
Lupus and Allied Diseases Association, Inc.  
Lupus Foundation of America

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Lymphatic Education & Research Network  
March of Dimes  
Mass General Brigham  
Mayo Clinic  
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  
Michigan State University, College of Human Medicine  
MLD Foundation  
Moffitt Cancer Center  
Mount Sinai Health System  
National Alliance for Eye and Vision Research  
National Alopecia Areata Foundation  
National Association for Biomedical Research  
National Ataxia Foundation  
National Eczema Association  
National Fragile X Foundation  
National Health Council  
National Kidney Foundation  
National Multiple Sclerosis Society  
National Pancreas Foundation  
National Scleroderma Foundation  
Necrotizing Enterocolitis (NEC) Society  
NephCure Kidney International  
New York Genome Center, Inc.  
New York Medical College  
New York University  
North American Society for Pediatric Gastroenterology, Hepatology and Nutrition  
North American Vascular Biology Organization  
Northeastern University  
Nutrition and Medical Foods Coalition  
NYU Langone Health  
Oakland University William Beaumont School of Medicine  
Oklahoma Medical Research Foundation  
Pancreatic Cancer Action Network  
Pediatric Policy Council  
Penn State University  
Personalized Medicine Coalition  
Population Association of America  
Prevent Cancer Foundation  
Project Sleep  
Prostate Cancer Foundation  
Pulmonary Fibrosis Foundation  
Pulmonary Hypertension Association

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Radiological Society of North America (RSNA)  
Rare Epilepsy Network (REN)  
Recurrent Pregnancy Loss Association  
Research!America  
RESOLVE: The National Infertility Association  
Restless Legs Syndrome Foundation  
Rosalind Franklin University of Medicine and Science  
Rutgers, The State University of New Jersey  
Say YES to Hope  
Sidney Kimmel Medical College at Thomas Jefferson University  
Sjogren's Foundation  
Sleep Research Society  
Society for Academic Emergency Medicine (SAEM)  
Society for Advanced Body Imaging  
Society for Birth Defects Research and Prevention  
Society for Cardiovascular Magnetic Resonance  
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 Endocrinology and Infertility  
Society for Reproductive Investigation  
Society for Women's Health Research  
Society of Academic Associations of Anesthesiology and Perioperative Medicine (SAAAPM)  
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 (SNMMI)  
Society of Radiologists in Ultrasound  
Society of Skeletal Radiology  
Society of Toxicology (SOT)  
Society of University Surgeons  
Southern Illinois University School of Medicine  
Stanford University  
State University System of Florida  
Stony Brook University  
STXBP1 Foundation  
SynGAP Research Fund, 501(c)(3)  
SYNGAP1 Foundation  
Temple University  
Texas A&M Health  
The Cleveland Clinic  
The FamilieSCN2A Foundation  
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



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The Oxalosis and Hyperoxaluria Foundation  
The State University of New York  
The University of North Carolina at Chapel Hill  
The University of Texas MD Anderson Cancer Center  
The University of Utah  
Triage Cancer  
TSC Alliance  
Tufts Medicine  
Tufts University  
Tulane University  
UC Berkeley  
UC San Diego  
UCLA  
UMass Chan Medical School  
United for Charitable Assistance  
United for Medical Research  
United Ostomy Associations of America, Inc.  
University of California Riverside  
University of California San Francisco  
University of California System  
University of California, Irvine  
University of Chicago Medical Center  
University of Cincinnati  
University of Colorado System  
University of Florida  
University of Hawai'i System  
University of Illinois System  
University of Iowa  
University of Maryland, Baltimore  
University of Miami Leonard M. Miller School of Medicine  
University of Michigan  
University of Nebraska Medical Center (UNMC)  
University of Nevada, Reno School of Medicine  
University of New Mexico  
University of Pennsylvania  
University of Pittsburgh  
University of Rochester  
University of South Carolina  
University of Texas Southwestern Medical Center  
University of Virginia  
University of Wisconsin-Madison School of Medicine and Public Health  
US Hereditary Angioedema Association  
USF Health Morsani College of Medicine  
Usher Syndrome Coalition  
UTHealth Houston | The University of Texas Health Science Center at Houston  
UVA Health  
Vanderbilt University  
Vanderbilt University Medical Center  
VHL Alliance  
Virginia Commonwealth University

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Virginia Tech  
Washington State University  
Washington University in St. Louis  
West Virginia University  
World Molecular Imaging Society  
Yale University