

2022 NIH Green Labs Program Results

The 2022 NIH Green Labs Program Certification Levels are provided in Table 1. More information on the criteria for receiving the Gold-level, Silver-Level, Bronze-Level Certifications and the 2022 NIH Green Labs Program statements is located [here](#). The Program statements cover a range of topics such as the NIH waste management and recycling programs (including chemical waste, Medical Pathological Waste, general waste), water conservation, freezer management, sustainable procurement, and communication and outreach. Please see the 2022 NIH Green Labs Program Results [Dashboard](#).

Table 1: 2022 NIH Green Labs Program Certification Levels

NIH Institute/Center/NIH Labs	PI/Core Director Names	Applicant Names	GLP Certification Levels
NIH Clinical Center (CC)			
Translational Biobehavioral and Health Disparities Branch	Dr. Gwenyth R. Wallen	Ralph Thadeus S. Tuason	Silver
National Center for Advancing Translational Sciences (NCATS)			
Drug Metabolism and Pharmacokinetics Core	Dr. Xin Xu		Silver
Chemical Genomics Branch, Systems Toxicology Laboratory	Dr. Menghang Xia	Dr. Srilatha Sakamuru	Silver
Early Translation Branch, Biology Section	Dr. Matthew Hall	Sadie Roberts	Silver
Therapeutic Development Branch	Dr. Asaf Alimardanov	Dr. Junfeng Huang	Bronze
National Cancer Institute (NCI)			
Chemical Biology Laboratory, Chemical Synthesis Group	Dr. Joel P. Schneider	Dr. Dina M. Sigano	Gold
Immune Deficiency, Cellular Therapy Program	Dr. Dennis D. Hickstein	Dr. Thomas R. Bauer	Gold
Laboratory of Cancer Biology & Genetics, Cancer Modeling Section	Dr. Glenn Merlino	Dr. Antonella Sassano	Gold
Laboratory of Cell Biology, Multi-Drug Resistance Section	Dr. Michael M. Gottesman	Barbara A. Murphy	Gold
Laboratory of Human Carcinogenesis	Dr. Curtis C. Harris	Team LHC	Gold
Laboratory of Genitourinary Cancer Pathogenesis	Ross Lake	Dr. Kathyleen Kelly	Silver
Molecular Histopathology Laboratory, Laboratory Animal Sciences Program	Dr. Baktiar Karim	Dr. Lawrence R. Sternberg	Silver
Center for Cancer Research, Genomics Core	Dr. Elizabeth A. Conner		Silver
Cancer Innovation Laboratory, Synthetic Biologics Facility	Dr. Nadya I. Tarasova		Silver

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Women's Malignancy Branch	Dr. Christina Annunziata	Maria M. Fergusson	Silver
HIV and AIDS Malignancy Branch, Gammaherpesvirus Pathogenesis Section	Dr. Laurie T. Krug		Silver
Laboratory of Cell and Developmental Signaling, Molecular Mechanism in Development Section	Dr. Esta Sterneck	Shikha Sharan	Silver
Center for Immuno-Oncology, Mass Spectrometry and Epitope Discovery Facility	Dr. Don E. Farthing	Terri L. Larus	Silver
Center for Cancer Research, Cancer Innovation Laboratory	Dr. Howard Young		Bronze
Center for Cancer Research, Frederick Flow Cytometry Core	Jeff Carrell	Megan Karwan	Bronze
Center for Molecular Microscopy, Center for Cancer Research	Kedar Narayan		Bronze
Pediatric Oncology Branch	Dr. Brigitte C. Widemann	Miki Kasai	Bronze
National Eye Institute (NEI)			
Neurobiology Neurodegeneration & Repair Laboratory	Dr. Anand Swaroop	Dr. Charles Drinnan	Gold
National Human Genome Research Institute (NHGRI)			
Cancer Genetics and Comparative Genomics Branch, Reproductive Cancer Genetics Section	Dr. Daphne W. Bell	Dr. Eun-Jeong Yu	Gold
Computational and Statistical Genomics Branch	Dr. Bill J. Pavan	Julie Wedel	Gold
Medical Genetics Branch, Molecular Neurogenetics Section	Dr. Ellen Sidransky	Andrew Hogan	Gold
Childhood Complex Disease Genomics Section	Dr. Neil A. Hanchard	Aparna Haldipur	Silver
Flow Cytometry Core	Dr. Paul Liu	Stacie Anderson	Silver
Precision Health Informatics Section	Dr. Joshua Denny	Dr. Tracey Ferrara	Silver
Intramural Sequencing Center	Dr. Jim Mullikin	Alice Young	Silver
Translational and Functional Genomics Branch	Dr. Shawn Burgess	Aranza Torrado-Tapias	Silver
Undiagnosed Diseases Program Translational Laboratory	Dr. William Gahl	Valerie Maduro	Silver

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National Heart, Lung, and Blood Institute (NHLBI)			
Laboratory of Translational Research	Dr. Joel Moss	Dr. Jiro Kato	Gold
Biochemistry and Biophysics Center, Protein Expression Facility	Dr. Keir C. Neuman	Dr. Marie-Paule Strub	Gold
Pulmonary Branch	Dr. Stewart Levine	Dr. Xianglan Yao	Gold
Laboratory of Inflammation and Cardiometabolic Diseases	Dr. Nehal Mehta	Laurel Mendelsohn	Gold
Translational Stem Cell Biology Branch, Molecular Hematopoiesis Section	Dr. Cynthia Dunbar	Stephanie Sellers	Silver
Laboratory of Single Molecule Biophysics	Dr. Keir C. Neuman		Silver
Laboratory of Applied Precision Omics	Dr. Sean Agbor-Enoh	Dr. Hyesik Kong	Silver
Epithelial Systems Biology Laboratory	Dr. Mark A. Knepper	Dr. Chung-Lin Chou	Silver
Laboratory of Cell and Tissue Morphodynamics	Dr. Clare M. Waterman	Dr. Ana M. Pasapera Limon	Silver
Molecular and Clinical Hematology Branch	Dr. Griffin P. Rodgers	Dr. Chutima Kumkhaek	Silver
Laboratory of Hemostasis and Platelet Biology	Dr. Andrew D. Johnson	Dr. Melissa V. Chan	Bronze
National Institute on Aging (NIA)			
Laboratory of Genetics and Genomics	Dr. Myriam Gorospe	Jennifer Martindale	Silver
Translational Gerontology Branch Nonhuman Primate Core	Dr. Julie A. Mattison	Kielee Jennings	Silver
National Institute on Alcohol Abuse and Alcoholism (NIAAA)			
Office of the Clinical Director, Clinical Core Laboratory	Dr. David Goldman	Erick Singley	Silver
National Institute of Allergy and Infectious Diseases (NIAID)			
Laboratory of Viral Diseases, Arbovirus Vaccine Research Section	Dr. Stephen Whitehead	Elaine Lamirande	Gold
Laboratory of Virology, Virus Ecology Section	Dr. Vincent Munster	Jonathan Schulz	Gold
Laboratory of Allergic Diseases, Mast Cell Biology Section	Dr. Dean Metcalfe		Gold
Laboratory of Bacteriology, Immunity to Pulmonary Pathogens Section	Dr. Catharine Bosio	Tara Wehrly	Gold

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Laboratory of Bacteriology, Coxiella Pathogenesis Section	Dr. Carrie M. Long	Dr. Crystal L. Richards	Gold
Laboratory of Virology, Molecular Pathogenesis Unit	Dr. Emmie de Wit	Brandi Williamson	Silver
Laboratory of Virology, Biology of Vector-Borne Viruses Section	Dr. Marshall E. Bloom	Danielle K. Offerdahl	Silver
Laboratory of Virology, Immunobiology and Molecular Virology Unit	Dr. Andrea Marzi	Joseph Rhoderick	Silver
Laboratory of Persistent Viral Diseases, TSE/Prion Biochemistry Section	Dr. Byron Caughey	Dr. Christina D. Groveman	Silver
Laboratory of Persistent Viral Diseases, Neuroimmunology Section	Dr. Karin Peterson	Dr. Clayton Winkler	Silver
Laboratory of Bacteriology, Molecular Genetics Section	Dr. Patricia Rosa		Silver
Laboratory of Molecular Immunology, Immunol Activation Section	Dr. Philip Murphy	Dr. Hongshan Wang	Silver
Laboratory of Immunoregulation, Clinical and Molecular Retrovirology Section	Dr. H. Clifford Lane	Mindy Smith	Silver
Laboratory of Immune System Biology	Dr. Ronald Germain	Derek Einhaus	Silver
Laboratory of Immune System Biology, Molecular Development of the Immune System Section	Dr. Michael Lenardo	Dr. Sarah Weber	Silver
Vaccine Research Center	Dr. Mario Roederer	Margaret H. Beddall	Silver
Laboratory of Parasitic Diseases, Helminth Immunology Section	Dr. Thomas B. Nutman		Silver
Center for Human Immunology, Inflammation, and Autoimmunity	Dr. Iyadh Douagi	Brian Sellers	Silver
Laboratory of Infectious Diseases, RNA Viruses Section	Dr. Ursula Buchholz	Dr. Cindy Luongo	Silver
Laboratory of Clinical Immunology and Microbiology, Human Immunological Diseases Section	Dr. Helen Su	Daniel Torres	Silver
Research Technologies Branch, Flow Cytometry Section	Dr. Iyadh Douagi	Calvin Eigsti	Bronze

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Research Technologies Branch, RML Microscopy Unit	Elizabeth Fischer	Cindi Schwartz	Bronze
National Institute of Biomedical Imaging and Bioengineering (NIBIB)			
Laboratory on Quantitative Medical Imaging	Dr. Carlo Pierpaoli		Bronze
<i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development (NICHD)			
Section on Growth and Obesity	Dr. Jack A. Yanovski		Gold
Molecular Medicine Branch, Section on Human Iron Metabolism	Dr. Tracey A. Rouault	Dr. Nunziata Maio	Gold
Molecular Medicine Branch, Unit of the Development of Neurodegeneration	Dr. Claire Eliane Le Pichon		Silver
Division of Developmental Biology, Section on Genomic Imprinting	Dr. Karl Pfeifer	Dr. Claudia Gebert	Silver
Section on Molecular Dysmorphology	Dr. Forbes D. Porter	Dr. Niamh Cawley	Silver
Section on Sensory Coding and Neural Ensembles	Dr. Mark Stopfer		Bronze
National Institute on Deafness and Other Communication Disorders (NIDCD)			
Laboratory of Molecular Genetics, Section on Human Genetics	Dr. Thomas B. Friedman	Barbara P. Zwiesler	Silver
National Institute of Dental and Craniofacial Research (NIDCR)			
Gene Transfer Core, Functional Genomics Section	Dr. Ashok Kulkarni	Andrew Cho	Gold
Developmental Glycobiology Section	Dr. Kelly G. Ten Hagen	Tina Kilts	Gold
Matrix and Morphogenesis Section	Dr. Matthew P. Hoffman	Dr. Vaishali Patel	Silver
Proteases and Tissue Remodeling Section	Dr. Thomas H. Bugge	Dr. Munasinghage Lakmali Silva	Silver
Skeletal Biology Section	Dr. Pamela Gehron Robey		Silver
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)			
Clinical Mass Spectrometry Core Laboratory	Dr. Peter J. Walter		Gold
Laboratory of Cellular and Developmental Biology, Section on Regulatory RNAs	Dr. Katherine Hans Needles McJunkin	Dr. Karl-Frederic Omar Joseph Vieux	Gold
Laboratory of Cellular and Developmental Biology, Molecular Mechanisms of Development Section	Dr. Alan R. Kimmel	Dr. Fu-Sheng Chang	Gold

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Laboratory of Cellular and Developmental Biology, Mammalian Developmental Biology Section	Dr. Jurrien Dean	Dr. Heejin Choi	Gold
Laboratory of Cellular and Developmental Biology, Gene Regulation and Development Section	Dr. Ann Dean	Dr. Heung Sun Kwon	Gold
Laboratory of Biochemistry and Genetics, Developmental Genomics Section	Dr. Brian Oliver	Savannah Josephine Muron	Gold
Laboratory of Biochemistry and Genetics, Cell Cycle Regulation and Nuclear Structure Section	Dr. Orna Cohen-Fix	Dr. Mohammad Rahman	Silver
Laboratory of Biochemistry and Genetics, Nuclear Organization and Gene Expression Section	Dr. Elissa Lei	Shue Chen	Silver
Genetics and Biochemistry Branch, Glial Biology Section	Dr. Ashley Frakes	Dr. Kar Men Mah	Silver
Laboratory of Cell and Molecular Biology, Gene Structure and Disease Section	Dr. Karen Usdin	Dr. Daman Kumari	Silver
Laboratory of Molecular Biology, Developmental Biology Section	Dr. Michael Krause	Dr. Tetsu Fukushige	Silver
Phoenix Epidemiology and Clinical Research Branch, Diabetes Molecular Genetic Section	Dr. Leslie Baier	Vicky Ossowski	Silver
National Institute of Environmental Health Sciences (NIEHS)			
Quality Assurance Laboratory, Comparative Medicine Branch	Dr. David M. Kurtz	Tanya E. Whiteside & Michael Johnston	Gold
Signal Transduction Laboratory, Calcium Signaling in Health Disease Group	Dr. Anant B. Parekh	Dr. Gary S. Bird	Gold
Division of Translational Toxicology, Comparative & Molecular Pathogenesis Branch, Laser Capture Micro-Dissection Group	Dr. Arun Kumar R. Pandiri	Dr. Xuying Zhang & Kiki Ton	Gold
In Vivo Neurobiology Group	Dr. Guohong Cui	Dr. Amy Papaneri	Gold
Molecular Genomics Core Laboratory, Signal Transduction Laboratory	Dr. Kevin Gerrish		Gold
Gene Editing and Mouse Model (GEMM) Core	Dr. Manas Ray	Dr. Artiom Gruzdev	Gold

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Genome Integrity & Structural Biology Laboratory, Mutagenesis & DNA Repair Regulation Group	Dr. Paul W. Doetsch	Dr. Anirban Kar & Dr. Natasha Degtyareva	Gold
Reproductive & Developmental Biology Laboratory, Pregnancy & Female Reproduction Group	Dr. Francesco J. DeMayo	Madhumita (Mita) Ray	Gold
Laboratory of Signal Transduction, Flow Cytometry Center	Dr. Carl Bortner	Donna Stefanick	Silver
Laboratory of Neurobiology	Dr. Serena Dudek	Dr. Georgia Alexander	Silver
Comparative Medicine Branch, Veterinary Medicine Section	Dr. Terry Blankenship	David Goulding	Silver
Reproductive & Developmental Biology Group	Dr. Humphrey Yao	Dr. Karina Rodriguez	Silver
Genome Stability & Structural Biology Laboratory, Structural Biology Core	Dr. Lars Pedersen	Andrea Kaminski	Silver
Laboratory of Neurobiology, Viral Vector Core	Dr. Jerrel Yakel	Dr. Negin P. Martin	Silver
Fluorescence Microscopy & Imaging Center, Signal Transduction Laboratory	Dr. Jeff Tucker	Erica Scappini	Bronze
National Institute of Mental Health (NIMH)			
Human Brain Collection Core	Dr. Stefano Marengo	Yiyin Liu	Silver
Section on Mood Dysregulation and Neuroscience	Dr. Ellen Leibenluft		None
Emotion and Development Branch, Neuroscience and Novel Therapeutics Unit	Dr. Melissa Brotman	Dr. Lana Ruvolo Grasser	None
National Institute of Neurological Disorders and Stroke (NINDS)			
Quantitative MRI Core Facility	Dr. Govind Bhagavatheeshwaran		Silver
Reproductive Biology and Genetic Core	Dr. Jeffrey S. Diamond	Dr. Cecil C. Yen	Silver
Molecular Neuropharmacology Section	Dr. David R. Sibley	Dr. Amy Moritz	Silver
Cellular and Developmental Neurobiology	Dr. Susan Wray	David Goulding	Silver
Synaptic Function Section	Dr. Zu-Hang Sheng	Dr. Yuxiang Xie	Silver
Axon Guidance and Neural Connectivity Unit	Dr. Edward Giniger		Bronze
Neural Circuits Unit, DIR	Dr. Ralph Nelson		Bronze
National Institute of Nursing Research (NINR)			

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Muscle Disease Unit	Dr. Tokunbor Lawal		Silver
Laboratory of DIR	Dr. Sabrina Wong	Dr. Hyung-Suk Kim	Silver
National Library of Medicine (NLM)			
Computational Health Research Branch	Dr. Olivier Bodenreider		None
Computational Biology Branch	Dr. David Landsman		None
Office of the Director (OD)			
Cancer Genomics Research Laboratory (CGR)	Dr. Stephen J. Chanock	Bill Utermahlen	Silver

Fig 1: Trends in Participation per IC labs in the NIH Green Labs Program from 2018-2022

