

Contract Number	Amount Obligated	Total Estimated Contract Value	Awardee Name	Awardee Address	Awardee Zip Code	Description of Requirement
75F40119C10018	\$505,858.00	\$505,858.00	Uppsala University	UPPSALA UNIVERSITET S:T OLOFSGATAN 10 A-B UPPSALA SWEDEN	06269-1133	Development of model-informed bioequivalence evaluation strategies for long-acting injectable products
75F40119C10021	\$1,400,000.00	\$1,400,000.00	Icahn School of Medicine at Mount Sinai & Critical Path Institute	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ONE GUSTAVE L LEVY PL NEW YORK NY	10032-3725	PredicTox- A Knowledge Environment for Prediction of Drug Induced Adverse Events
75F40119C10054	\$599,838.00	\$599,838	Regents University of California Los Angeles	REGENTS UNIVERSITY OF CALIFORNIA, LOS ANGELES 10889 WILSHIRE BLVD STE 700 LOS ANGELES CA	20052-0042	Strengthening Pharmacovigilance Capacity in the Democratic Republic of Congo: Utilizing archival records to assess rates of maternal vaccination and birth outcomes of interest throughout Kinshasa
75F40119C10056	\$350,000.00	\$350,000.00	Elligo Health Research, Inc.	ELLIGO HEALTH RESEARCH, INC. 11612 BEE CAVE RD BLDG 1 STE 150 AUSTIN TX	22042-1409	Extending the value of common data model harmonization in the generation of clinical evidence from real world data sufficient to support regulatory use
75F40119C10057	\$749,805.64	\$749,805.64	Digital Infuzion, Inc.	DIGITAL INFUZION, INC. 656 QUINCE ORCHARD RD STE 300 GAITHERSBURG MD	90095-0001	Integrating EHR RWD for FDA Regulated Submission and Clinical Research
75F40119C10068	\$206,498.00	\$206,498.00	University of Maryland School of Pharmacy	UNIVERSITY OF MARYLAND 220 ARCH ST RM 02148 BALTIMORE MD	27708-4677	Batch-to-Batch Variability: Exploring Solutions for Generic BE Pathway
75F40119C10079	\$306,282.00	\$793,400.00	Applied Research Associates, Inc.	APPLIED RESEARCH ASSOCIATES, INC. 4300 SAN MATEO BLVD NE STE A-220 ALBUQUERQUE NM	22201-4445	Modifications and Improvements to Hybrid CFD-PBPK Models for Predication of Nasal Corticosteroid Deposition Absorption and Bioavailability
75F40119C10080	\$450,000.00	\$450,000.00	Duke University	DUKE UNIVERSITY 2200 W MAIN ST STE 710 DURHAM NC	21218-2608	Gathering Evidence to Determine whether Modifications are Necessary to the KCCQ to Address Possible Interpretation Differences by Men and Women
75F40119C10081	\$959,248.00	\$959,248.00	Physical Sciences Inc. & UMass Lowell	PHYSICAL SCIENCES INC. 20 NEW ENGLAND BUSINESS CTR DR ANDOVER MA	20007-3835	Single Vial Mass Flow Rate Sensor Assessment of Freeze Drying Heterogeneity
75F40119C10083	\$125,000.00	\$125,000.00	Clinica Health, Inc. (Inspire)	CLINICAHEALTH, INC 3101 WILSON BLVD STE 220 ARLINGTON VA	92108-3758	Social Listening for Patient Perspective on Chronic Pain Study-Option B
75F40119C10084	\$1,026,822.00	\$1,026,822.00	Johns Hopkins University	JOHNS HOPKINS UNIVERSITY 3400 N CHARLES ST BALTIMORE MD	27708-4677	Improving the Efficiency and Rigor of Pharmacovigilance: Visualization of multi-source information and unsupervised learning to support causal inference and decision-making

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75F40119C10086	\$1,951,894.00	\$1,951,894.00	Duke Clinical Research Institute (DCRI) and Amgen	DUKE UNIVERSITY 2200 W MAIN ST STE 710 DURHAM NC	48202-3450	Evaluating Fitness-for-Use of Electronic Health Records in Clinical Research
75F40119C10090	\$720,000.00	\$720,000.00	University of Colorado School of Medicine and Children's Hospital Colorado	REGENTS OF THE UNIVERSITY OF COLORADO 13001 E 17TH PLACE F428 AURORA CO	20005-1003	A Study to Investigate the Combination of Physical Activity and Heart Rate with the Use of Actigraphy Study Endpoint to Facilitate Pediatric Pulmonary Arterial Hypertension Trials and Drug Development
75F40119C10091	\$1,293,750.00	\$1,293,750.00	National Organization for Rare Disorders (NORD)	NATIONAL ORGANIZATION FOR RARE DISORDERS 55 KENOSIA AVE 1ST FL DANBURY CT	85718-5893	A Systems-Based Approach to Patient Focused Research and Product Development, Stimulate Innovation in Clinical Evaluations and Personalized Medicine to Improve Product Development and Patient Outcomes
75F40119C10093	\$1,744,985.00	\$1,744,985.00	Indiana University	TRUSTEES OF INDIANA UNIVERSITY BRYAN HALL 107 S INDIANA AVENUE BLOOMINGTON IN	02139-2947	FDA Quality Management and Pharmaceutical Firm Learning to Reduce Drug Quality Risks
75F40119C10094	\$409,358.00	\$409,358.00	Setting Scoliosis Straight Foundation	SETTING SCOLIOSIS STRAIGHT FOUNDATION 2535 CAMINO DEL RIO S STE 325 SAN DIEGO CA	27708-4677	Adolescent Idiopathic Scoliosis Preference Study of Motion Sparing Spinal Growth Modulation vs Spinal Fusion and Develop of Shared Decision Making Tool
75F40119C10096	\$728,117.62	\$992,304.63	Akina, Inc.	AKINA, INC. 3495 KENT AVE STE A 200 WEST LAFAYETTE IN	02138-5369	New Analytical Methods for Complex Sameness of Injectable, Long-acting PLGA Formulations
75F40119C10097	\$2,591,726.00	\$2,591,726.00	Kaiser Permanente Northwest, Center for Health Research	KAISER FOUNDATION HOSPITALS 1800 HARRISON ST FL 16 OAKLAND CA	90095-0001	Suicide-Related Risks Associated with Prescription Opioid Deprescribing
75F40119C10098	\$3,588,882.00	\$5,260,573.00	Wyss Institute for Biological Inspired Engineering at Harvard University	PRESIDENT AND FELLOWS OF HARVARD CO 1033 MASSACHUSETTS AVE 5TH FL CAMBRIDGE MA	75312	Human Organ Chips for Radiation Countermeasure Development
75F40119C10099	\$2,600,000	\$3,910,815.00	University of Pennsylvania, School of Medicine	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 3451 WALNUT ST STE 440A PHILADELPHIA PA	92008-7340	Assessment of the Efficacy of Acute Pain Treatments: An RTC Re-Analysis
75F40119C10100	\$99,999.00	\$99,999.00	Medical College of Wisconsin and University of Wisconsin-Milwaukee	MEDICAL COLLEGE OF WISCONSIN, INC. 8701 WATERTOWN PLANK RD MILWAUKEE WI	22203-1807	Estimation of Treatment in Hematologic Oncology (HO) Trials in the Presence of Subsequent Therapies
75F40119C10101	\$1,916,514.00	\$1,916,514.00	Columbia University Medical Center	TRUSTEES OF COLUMBIA UNIVERSITY 630 W 168TH ST FL 4 NEW YORK NY	21201-1531	Neurodevelopmental Outcomes in Infants Receiving Opioid-replacement Pharmacotherapy for Neonatal Opioid Withdrawal Syndrome (NOWS)

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75F40119C10104	\$669,950.00	\$669,950.00	University of Maryland School of Pharmacy	UNIVERSITY OF MARYLAND 220 ARCH ST RM 02148 BALTIMORE MD	78238-5166	Nondestructive Analytics for Vaccines
75F40119C10106	\$176,541.00	\$545,339.00	Drexel University	DREXEL UNIVERSITY/ BURSAR'S OFFICE 3141 CHESTNUT ST PHILADELPHIA PA	47906-1074	Developing Tools based on Text Analysis and Machine Learning to Enhance PSG Review Efficiency
75F40119C10109	\$1,396,759.79	\$1,998,901.36	Conceptant, Inc.	CONCEPTANT INC 7323 ELMWOOD DR FALLS CHURCH VA	19104-2816	Advancing Import Operations through Leveraging Cutting Edge Technologies
75F40119C10112	\$698,450.00	\$698,450.00	National Institute for Pharmaceutical Technology and Education (NIPE)	NATIONAL INSTITUTE FOR PHARMACEUTICAL TECHNOLOGY AND EDUCATION 717 DELAWARE ST SE STE 482 MINNEAPOLIS MN	01810-1022	Assessment of Smoking and Vaping Risk of Opioids and Commercial Products, and Standardization of Methods to Asses These Properties
75F40119C10113	\$232,303.32	\$232,303.32	Providence Health Technologies, LLC	PROVIDENCE HEALTH TECHNOLOGIES LLC 152 WATFORD PARK WAY DR STE 202 CANTON MS	21250-0001	Small Dispenser Pilot Study Understanding the Impact of the Oncoming Track and Trace Legislation on Small Dispensers
75F40119C10115	\$1,275,489.00	\$1,930,120.00	University of North Carolina at Chapel Hill	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 104 AIRPORT DR STE 2200 CHAPEL HILL NC	01890-3019	Methodological Advances in the Assessment of Uncontrolled Confounding
75F40119C10116	\$2,818,267.33	\$2,818,267.33	Medical Device Innovation Consortium	MEDICAL DEVICE INNOVATION CONSORTIUM 1501 WILSON BLVD STE 910 ARLINGTON VA	47405-7000	Expansion of the Case for Quality Voluntary Improvement Program to Aid Underperforming Medical Device Manufacturing Sites
75F40119C10117	\$249,983.00	\$249,983.00	American Institutes for Research	AMERICAN INSTITUTES FOR RESEARCH 1000 THOMAS JEFFERSON ST N W WASHINGTON DC	22209-2467	Advance Regulatory Science Related to Clinical Trials of Therapy for Myalgic Encephalomyelitis/Chronic Fatigue Syndrome
75F40119C10118	\$727,875.16	\$727,875.16	Mark Herring Associates	MARK HERRING ASSOCIATES INC 2150 DIAMOND ROCK RD MALVERN PA	02139-3539	An Exploratory Assessment of Substances Used as Adjunct or Alternatives to Prescription Opioids
75F40119C10120	\$210,657.00	\$210,657.00	Institute for Safe Medication Practices (ISMP)	INSTITUTE FOR SAFE MEDICATION PRACTICES 200 LAKESIDE DR STE 200 HORSHAM PA	55414-2959	Perioperative Medication Safety Self Assessment for Hospitals and Ambulatory Surgical Centers (ASCs) and Targeted Risk-Reduction Tool Development
75F40119C10121	\$5,500,000.00	\$5,500,000.00	Dun and Bradstreet and University of St. Gallen	DUN & BRADSTREET, INC. 11710 PLAZA AMERICA DR STE 900 RESTON VA	20190-4768	Drug Facility and Product Quality Systems Assessment Data and Analytics Research Project

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75F40119C10122	\$2,199,139.00	\$2,199,139.00	The Charles Stark Draper Laboratory	CHARLES STARK DRAPER LABORATORY, INC 555 TECHNOLOGY SQ CAMBRIDGE MA	77030-4017	Continuous Acoustic Separation for Therapeutic Cell Manufacturing
75F40119C10124	\$500,000.00	\$500,000.00	American Society of Nephrology	AMERICAN SOCIETY OF NEPHROLOGY INC 1510 H ST NW WASHINGTON DC	19341-2556	Building Capacity to Incorporate Patient Preferences into the Development of Innovative Alternatives to Renal Replacement Therapy (RRT)
75F40119C10127	\$287,731.34	\$287,731.34	Absorption Systems LLC	ABSORPTION SYSTEMS LLC 436 CREAMERY WAY STE 600 EXTON PA	32611-1941	Expanding BCS Class 3 Waivers for Generic Drugs to Non-Q1/Q2
75F40119C10128	\$1,504,919.00	\$5,202,186.00	Regents University of California Los Angeles	REGENTS UNIVERSITY OF CALIFORNIA, LOS ANGELES 10889 WILSHIRE BLVD STE 700 LOS ANGELES CA	87110-1295	Using Vaccinated and Survivor Populations of Filovirus Diseases to Inform Regulatory Science and Development of Next-Gen Vaccines and Other Medical Countermeasures
75F40119C10129	\$560,773.00	\$560,773.00	UT MD Anderson Cancer Center	THE UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER 1515 HOLCOMBE BLVD UNIT 207 HOUSTON TX	21201-1531	Modular Application of Surface Technology for the Generation of Antigen-Specific T Cells
75F40119C10132	\$735,624.00	\$735,624.00	University of Maryland Baltimore County	UNIVERSITY OF MARYLAND BALTIMORE CO 1000 HILLTOP CIR BALTIMORE MD	21251-0001	Rapid Method for On-the-Spot Bioburden Detection
75F40119C10135	\$2,757,771.00	\$2,757,771.00	Critical Path Institute	CRITICAL PATH INSTITUTE 1730 E RIVER RD STE 200 TUCSON AZ	20817-1834	Developing Novel Clinical Outcome Assessments for Pediatric Asthma to Facilitate Innovative Patient-Focused Drug Development and Aid regulatory Decision Making
75F40119C10136	\$719,486.00	\$2,235,712.00	The George Washington University	THE GEORGE WASHINGTON UNIVERSITY 1918 F ST NW WASHINGTON DC	27599-5023	BioCompute Database, Specification and BioCompute Object Transfer Mechanism Development
75F40119C10137	\$917,653.00	\$917,653.00	International Business Machines Corporation	INTERNATIONAL BUSINESS MACHINES CORP 6710 ROCKLEDGE DRIVE BETHESDA MD	06810-7326	Develop Data Standards for Real World Evidence
75F40119C10138	\$620,872.97	\$1,902,572.16	Accenture Federal Services, LLC	ACCENTURE FEDERAL SERVICES LLC 800 NORTH GLEBE RD #300 ARLINGTON VA	80045-2571	Laying the Foundation: The Center for Drug Evaluation Research (CDER) Next Generation Submission Capability
75F40119C10139	\$447,236.00	\$1,788,939.00	Institute of Quantitative Systems Pharmacology	INSTITUTE OF QUANTITATIVE SYSTEMS PHARMACOLOGY 1815 ASTON AVE STE 107 CARLSBAD CA	19104-6205	MIDD Approach to Identify Critical Quality Attributes and Specifications for Generic Nanotechnology Products

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75F40119C10141	\$16,065.00	\$16,065.00	Henry Ford/Wayne State University Program	HENRY FORD HEALTH SYSTEM 1 FORD PLACE DETROIT MI	78738-5409	Women's Preferences Regarding Treatments for Symptomatic Uterine Fibroids
75F40119C10147	\$914,617.00	\$914,617.00	Morgan State University	MORGAN STATE UNIVERSITY 1700 E COLD SPRING LN BALTIMORE MD	53226-3548	NMR-based metabolomics approach for the authentication and assessment of the quality of botanical raw materials
75F40119C10150	\$1,000,000.00	\$1,000,000.00	ILSI Health and Environmental Sciences Institute	ILSI HEALTH AND ENVIRONMENTAL SCIENCES INSTITUTE 740 15TH ST NW STE 600 WASHINGTON DC	20878-1434	Assessing variability and reproducibility of manual and automated patch clamp platforms
75F40119C10151	\$333,751.00	\$413,889.00	Duke University Department of Pediatrics	DUKE UNIVERSITY 2200 W MAIN ST STE 710 DURHAM NC	94612-3466	CSRC Prevention of Sudden Cardiac Death in the Young: National Cardiac Screening Warehouse Pilot Study
75F40119C10152	\$699,945.00	\$699,945.00	University of Connecticut School of Pharmacy	UNIVERSITY OF CONNECTICUT 438 WHITNEY RD EXTENSION UNIT 1133 STORRS CT	39046-7900	The Feasibility and Effectiveness of an Opioid Package Prototype (OPP) to Impact Opioid Prescribing, Dispensing, and Patient Use Outcome.
75F40119C10154	\$524,342.00	\$922,521.00	University of Florida and S5 Consulting	UNIVERSITY OF FLORIDA 1523 UNION RD RM 207 GAINESVILLE FL	19355-9528	Systematic Evaluation of the Ex-Throat Plume Properties of MDI Formulations
75F40119C10155	\$411,646.00	\$411,646.00	Putnam Data Science, LLC	GRUBER, SUSAN PUTNAM DATA SCIENCES, LLC 85 PUTNAM AVE CAMBRIDGE MA	19044-2321	Learning Framework for Casual Effect Estimation Using Real World Data
75F40119C10157	\$400,003.00	\$400,003.00	DigiM Solution LLC and University of Connecticut, Department of Pharm. Science	DIGIM SOLUTION LLC 2 CHESTNUT ST WINCHESTER MA	10029-6504	Microstructure Characterization with Micro-imaging and Image-based Analytics: A new tool to characterize complex polymer-based long acting drug products
75F40119C10158	\$1,433,914.00	\$2,332,506.00	Southwest Research Institute	SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA RD SAN ANTONIO TX	20005-1019	Evaluate the Safety and Quality of a 3D Printed, Single-Use Bioreactor for Beads-Free CART T-cell Manufacturing
Totals	\$55,266,341.17	\$69,839,526.94				