Corporate Funded Sponsored Projects Activity

Project Title	Funding Agency
Lipidomic applications in Trauma and Critical Care Research	AB SCIEX
Interleukin-18 blockade in a mouse of heart failure with preserved ejection fraction	AB2 Bio Ltd
Assessment of Harmonization of Serum Albumin Methods: State of the Art	Abbott Laboratories
Effects of medication candidates on responding maintained by cocaine and its conditional stimuli	AbbVie, Inc.
M10-877: A Multicenter Study of the Efficacy and Safety of the Human Anti-TNF Monoclonal Antibody Adalimumab as Maintenance Therapy in Subjects Requiring High Dose Corticosteroids for Active Non-infectious Intermediate-, Posterior-, or Pan-uveiti	AbbVie, Inc.
M10-880: A Multicenter Study of the Efficacy and Safety of the Human Anti-TNF Monoclonal Antibody Adalimumab in Subjects with Inactive Non-infectious Intermediate-, Posterior-, or Pan-uveitis	AbbVie, Inc.
M11-327: A Multicenter Open-Label Study of the Long-term Safety and Efficacy of the Human Anti-TNF Monoclonal Antibody Adalimumab in Subjects with Non-infectious Intermediate-, Posterior-, or Pan-uveitis	AbbVie, Inc.
M12-665 A Randomized, Double-Blind, Placebo-ControlledStudy to Evaluate the Safety and Efficacy of Elagolix in Subjects with Moderate to Severe Endometriosis Associated Pain	AbbVie, Inc.
M13-961: A Randomized, Double-blind, Controlled Study to Evaluate the Efficacy and Safety of the Combination of ABT-450/ Ritonavir /ABT-267 (ABT-450/r/ABT-267) and ABT-333 With and Without Ribavirin (RBV) in Treatment-NaÃ-ve Adults with Genotype 1b Chronic Hepatitis C Virus (HCV) Infection (PEARLE-III)	AbbVie, Inc.
Protocol No. M13-393 A Randomized, Open-Label Study to Evaluate the Safety and Efficacy of Coadministration of ABT-450 with Ritonavir (ABT-450/r) and ABT-267 in Adults with Chronic Hepatitis C Virus Infection (PEARL-I)	AbbVie, Inc.
USpella (Impella 2.5) Data Registry	Abiomed, Inc
Implementation & Evaluation of a Benefit Offset National Demonstration (BOND)	Abt Associates Inc.
Staphylococcus Aureus Analysis	Accurate Conceptions, LLC
Double-blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Safety and Efficiency of Two Doses of Oral Dalfampridine Extended Release Tablets (5 mg and 10 mg twice daily) in Patients with Multiple SclerosisProtocol #DER-401	Acorda Therapeutics, Inc.
Pulmonary Arterial Hypertension Quality Enhancement Research Initiative PAH QuERI	Actelion
The Use of Star Polymers as Viscosity Modifiers, Dispersants, Antioxidants, and Detergents	Afton Chemical Corporation
An Exploratory Phase 1/2 Clinical Trial Evaluating ALD518 in Subjects with Glucocorticoid-Refractory Acute Graft vs. Host Disease (GVHD) after Allogeneic Hematopoietic Stem Cell Transplant (HSCT)Protocol ALD518-010	Alder Biopharmaceuticals
Acute Kidney Injury N-gal Evaluation of Symptomatic heart failure Study (AKINESIS) Protocol# DDDP-09EE-081	Alere

Printed 7/1/2014 6:00:09 AM

An Observational, Non-Interventional , Multi-Center, Multi-National Study of Patients with Atypical Hemolytic-Uremic Syndrome - Registry Protocol No. M11-001	Alexion Pharmaceuticals
Animal Care Services	Amercian International Biotechnology LLC
"START-CKD: Strategies Using Darbepoetin alfa to Avoid Transfusions in Chronic Kidney Disease." Protocol No. 20110226 Subproject for Institution # PT102264	Amgen, Inc.
A Randomized, Double Blind, Placebo Controlled Study Evaluating the Efficacy and Safety of Romiplostim Treatment of Thrombocytopenia in Subjects with Low or Intermediate-1 Risk Myelodysplastic Syndrome (MDS) Subproject for Institution # PT102264	Amgen, Inc.
A Randomized, Double-Blind, Placebo0Controlled Trial to Evaluate Palifermin (rHuKGF) in the Reduction of Acute Graft Versus Host Disease in Subjects with Hematologic Malignancies Undergoing Allogeneic Marrow/PBPC Transplantation	Amgen, Inc.
Long Term Follow-Up Study of Patients with Hematologic	Amgen, Inc.
Master Clinical Trial Agreement	Amgen, Inc.
Safety, Tolerability, Pharmokinetics and Pharmacodynamics of AMG 139 in Healthy Subjects and Subjects with Mild to Severe Crohn's Disease	Amgen, Inc.
Protocol #20090519Subproject for Institution # PT102264	
Fishery Entrainment Monitoring Plan	Arcadis
Intelligent PTSD Classification and Treatment-Augmentation Technology	Archinoetics, LLC
A Phase 3 Randomized, Open-Label Study of Ponatinib Versus Imatinib in Adult Patients with Newly Diagnosed Chronic Myeloid Leukemia in Chronic Phase	ARIAD Pharmaceuticals, Inc.
Subproject for Institution # PT106191	Ascension Orthopaedics, Inc.
9463-CL-2303 Phase 3 Study to Compare the Efficacy and Safety of Micafungin Versus Amphotericin B Deoxycholate for the Treatment of Neonatal Candidiasis	Astellas Pharma Global Development, Inc.
Master Clinical Study Agreement	Astellas Pharma Global Development, Inc.
Protocol #0113-CL-1004 "A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial to Evaluate the Protective Efficacy and Safety of a Therapeutic Vaccine, ASP0113, in Cytomegalovirus (CMV)-Seropositive Recipients Undergoing Allogeneic, Hematopoietic Cell Transplant (HCT)"	Astellas Pharma Global Development, Inc.
GOG-3004: A Phase III, Randomised, Double Blind, Placebo Controlled, Multicentre Study of Olaparib Maintenance Monotherapy in Patients with BRCA Mutated Advanced (FIGO Stage III-IV) Ovarian Cancer following First Line Platinum Based Chemotherapy (D0818C0001)	Astra Zeneca
ASBI 801 - Simplified-STroke REhabilitation Assessment of Movement (S_STREAM) Scale in Subjects Obtained Between 24 and 48 Hours of a Non-hemorrhagic Ischemic Stroke Protocol #ASBI 801	Asubio Pharmaceuticals, Inc.

Printed 7/1/2014 6:00:09 AM Page 2 of 21

Multicenter, Open-label, Historically Controlled, Phase III Study to Assess the Efficacy, Tolerability, Safety and Pharmacokinetics of Kedrion IVIG 10% in Adult and Pediatric Subjects with Primary Immunodeficiency (PID)- Protocol Number KB052	Atlantic Research Group
Retrospective Data Analysis-A Multicenter Study, in Patients with Necrotizing Soft Tissue Infections	Atox Bio
AtriCure Synergy Ablation Lesions for Non-Paroxysmal Forms of Atrial Fibrillation Treatment during Concomitant On-Pump Endo/Epicardial Cardiac Surgery	AtriCure, Inc.
The ABLATE AF registry is a prospective, multicenter, non-randonmized, concomitant cardiac surgery for the treatment of non-paroxysmal forms of Atrial Fibrillation Protocol #CP2009-2	AtriCure, Inc.
A Comparative Study of the ReCell Device and Autologous Split-thickness Meshed Skin Graft in the Treatment of Acute Burn InjuriesProtocol #CTP001-5	Avita Medical, LLC
A Prospective Clinical Evaluation of Biomakers of Traumatic Brain Injury	Banyan Biomarkers, Inc.
A Prospective, Multi-Center Study of the Bard® Denali™ Retrievable Inferior Vena Cava Filter System	Bard Peripheral Vascular
Virginia Commonwealth University Vascular Fellowship	Bard Peripheral Vascular
Multi-modal Application for the Perception of Spaces (MAPS)	Barron Associates
BAY 59-7939/14373 4-week, open-label, mulitple-dose study of the safety and the pharmacokinetic and pharcacodynamic properties of the oral direct factor Xa	Bayer Inc.
A Phase II/III Multicenter, Partially Randomized, Open Label Trail Investigating Safety and Efficacy of On- Demand and Prophylactic Treatment with BAY 94-9027 in Severe Hemophilia AProtocol #BAY 94- 9027Subproject for Institution # PT104546	Bayer Inc.
An Open-Label Phase IIIb Study of Regorafenib in Patients with Metastatic Colorectal Cancer (CRC) Who Have Progressed After Standard TherapyProtocol #BAY 73-4506/15967	Bayer Inc.
Master Clinical Trial Agreement	Bayer Inc.
MCC-13874-Phase I Study of Pemetrexed and Sorafenib in Advanced Malignancy. Only for Drug Supply from Bayer, No Funds from Bayer	Bayer Inc.
A Randomized, Double Blind, Placebo Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury	BHR Pharma, LLC
A Multicenter, Open-Label, Single-Arm Study of Gastrointestinal Tolerability in Patients with Relapsing Forms of Multiple Sclerosis Receiving Tecfidera (dimethyl fumarate) Delayed-Release Capsules (MANAGE)	Biogen Idec, Inc.
Controlled High Risk AVONEX Multiple Scleriosis Prevention Study In Ongoing Neurological Surveillance: CHAMPIONS ContinuationProtocol# US 04-09-AVX	Biogen Idec, Inc.
Master Agreement	Biogen Idec, Inc.
2011 Electrophysiology Fellowship Grant	Biosense Webster, Inc.
2013 Electrophysiology Fellowship Grant	Biosense Webster, Inc.
NaviStar ThermoCool Catheter for the Radiofrequencey Ablation of Drug Refractory Recurrent Symptomatic Paroxysmal Atrial Fibrillation PMA P0300031/S014	Biosense Webster, Inc.
nMARQ™ Pulmonary Vein Isolation System for the Treatment of Paroxysmal Atrial Fibrillation	Biosense Webster, Inc.

Printed 7/1/2014 6:00:09 AM

ThermoCool Smart Touch Catheter for the Treatment of Sympotomatic Parozysmal	Biosense Webster, Inc.
ThermoCool SmartTouch Catheter for the Treatment of Symptomatic Paroxysmal Atrial Fibrillation - IDE Study - Study Start-up Documents	Biosense Webster, Inc.
1241.36 A phase III randomised, partially double-blind and placebo-controlled study of BI 207127 in combination with faldaprevir and ribavirin for chronic genotype 1 hepatitis C infection in an extended population of treatment naÃ-ve patients that includes those ineligible to receive peginterferon	Boehringer Ingelheim Pharmaceuticals, Inc.
A Phase III, randomised, double-blind and placebo-controlled study of once daily BI 201335 120 mg for 12 weeks in combination with pegylated interferon-a and ribavirin in treatment-naive patients with genotype 1 chronic hepatitis C infection Protocol#1220.47	Boehringer Ingelheim Pharmaceuticals, Inc.
Proposal to Evaluate the Development of a Heterogeneous Asymetric Hydrogenation Catalyst	Boehringer Ingelheim Pharmaceuticals, Inc.
Safety and Efficacy of 240 mg BI 201335 Once Daily in Combination with Pegylated Interferon Alpha 2a and Ribavirn for Treatment of Chronic Hepatitis C (HCV) Genotype 1 Infection in HIV/HCV-co-Infected PatientsProtocol #1220.19	Boehringer Ingelheim Pharmaceuticals, Inc.
Providing Direct Benefits Counseling in Support of the SSA BASS Efforts to Assist Beneficiaries to Pursue Their Employment Goals	Booz, Allen, Hamilton, Inc.
EP Fellowship	Boston Scientific
Evaluation of Left Ventricular Auto Threshold Elevate 3.0	Boston Scientific
Image Ready™ MR Conditional Pacing System (SAMURAI)	Boston Scientific
Longitudinal Surveillance Study of the 4-SITE Lead/Header System (LSS of 4-SITE)	Boston Scientific
Multisensor Chronic Evaluations in Ambulatory Heart Failure Patients (MultiSENSE)	Boston Scientific
AIDS Clinical Trial Group Study Co-Chair	Brigham & Women's Hospital
AIDS Clinical Trials Group (ACTG) Vice-Chair Protocal A5294Protocal P07761 (ACTG A5294)	Brigham & Women's Hospital
Dapagliflozin Effect on CardiovascuLAR Events: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Effect of Dapagliflozin 10 mg Once Daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Ischemic Stroke in Patients with Type 2 Diabetes (DECLARE TIMI58)-Prime Sponsor ASTRA ZENECA	Brigham & Women's Hospital
Master Service Agreement CALGB/Case Study by BWH Master Agreement - Clinical Trial: PSA CALGB Member Institution #375: Cancer and Leukemia Group B Pathology Reimbursement	Brigham & Women's Hospital
A Multicenter, Double-Blind, 58-week Rollover Study to Assess the Safety and Tolerability of BMS-820836 in Patients with Treatment Resistant Major DepressionProtocol #CN 162-010-066	Bristol-Myers Squibb Company
A Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of Saxagliptin (BMS-477118) in Combination with Metformin IR or Metformin XR in Pediatric Patients with Type 2 Diabetes who have Inadequate Glycemic Control on Metformin Alone Protocol #CV 181-147	Bristol-Myers Squibb Company
An Historical-Cohort Multi-Center, Observational Study to Identify and Characterize Calcineurin Inhibitor Usagage Patterns Post-Transplant and Impact on Allograft Outcome (Protocol IM103-155)	Bristol-Myers Squibb Company
Bristol Myers Squibb CV181-058 Pediatric Type II Diabetes StudyProtocol #CV181058	Bristol-Myers Squibb Company

Printed 7/1/2014 6:00:09 AM Page 4 of 21

Master Clinical Trial Agreement	Bristol-Myers Squibb Company
Randomized, Multicenter, Double-Blind, Phase 3 Trial Comparing the Efficacy of Ipilimumab Plus Etoposide/Platinum versus Placebo Plus Etoposide/Platinum in Subjects with Newly Diagnosed Extensive-Stage Disease Small Cell Lung Cancer (ED-SCLC)Protocol #CA184-156Subproject for Institution # PT107305	Bristol-Myers Squibb Company
The Effects of Protease inhibitor and Non-Nucleoside Reverse Transcriptase Inhibitor-Based Highly Active Antiretroviral Therapy (HAART) on Biomarkers of Inflammation and Microbial Translocation in HAART Naive	Bristol-Myers Squibb Company
BTG-PR005-001-Observational Study of Recovery from Copperhead Snake Envenomation	BTG International Inc.
BTG-PR005-002- A Randomized, Double-Blind, Placebo-Controlled Study Comparing CroFabA versus Placebo with Rescue Treatment for Copperhead Snake Envenomation. BTG International=Sponsor, Chiltern=CRO	BTG International Inc.
A Randomized, Placebo Controlled Multi Center Study of the Efficacy PK and PD of IV Acetaminophen for the Treatment of Acute Pain in Pediatric Patients	Cadence Pharmaceuticals, Inc.
A Phase 3, Multicenter, Randomized, Double-Blind Study to Compare the Efficacy and Safety of Oral Azacitidine Plus Best Supportive Care Versus Placebo Plus Best Supportive Care in Subjects With Red Blood Cell Transfusion-Dependent Anemia and Thrombocytopenia Due to IPSS Lower-Risk Myelodysplastic Syndromes	Celgene Corporation
A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study to Compare Efficacy and Safety of Oral Azacitidine Plus Best Supportive Care Versus Best Supportive Care as Maintenance Therapy in Subjects with Acute Myeloid Leukemia in Complete Remission	Celgene Corporation
A Phase II Study of the Use of 5-Azacytidine as Pre-Transplant Cytoreduction Prior to Allogeneic Stem Cell Transplatation for High Risk Myelodysplastic Syndromes	Celgene Corporation
Lenalidomide and Azacitadine for Adoptive Immunotherapy in Multiple Myeloma: Pilot Study of Autologous Lymphocyte Mobilization Following Immuno-Modulatory TherapyProtocol# MCC-12430	Celgene Corporation
Master Clinical Study Agreement	Celgene Corporation
Cartilage Storage Solution for Chondrocyte Viability and Biomaterial Preservation	Cell & Tissue Systems
A Multicenter, Randomized, Observer-Blinded, Active-Controlled Study to Evaluate the Safety, Tolerability, Efficacy, and Pharmacokinetics of Ceftaroline Versus Comparator in Pediatric Subjects with Acute Bacterial Skin and Skin Structure Infections - P903-23	Cerexa, Inc
Clinical Education for VCU Family Medicine Residents FY14	Chippenham and Johnston Willis Hospital, Inc.
PARACHUTE IV: Percutaneous Ventricular Restoration in Chronic Heart Failure due to Ischemic Heart Disease SPONSOR: CardioKinetix (CRO:Clinipace)	Clinipace Worldwide
Evaluation of the Nucleus Hybrid L24 Cochlear Implant System	Cochlear Americas
Master Research Agreement	Cochlear Americas
Master Agreement	Commonwealth Center for Advanced Logistics Systems (CCALS)

Printed 7/1/2014 6:00:09 AM Page 5 of 21

A Placebo-Controlled, Multicenter, Double-Blind, Randomized Trial of IDN-6556 in Patients with Severe Alcoholic Hepatitis and Contraindications to Corticosteroid Therapy (TREAT-Mayo)	Conatus Pharmaceuticals Inc.
A Prospective, Randomized, Multi-Center, Double-Blind Trial to Assess the Effectiveness & Safety of Different Durations of Dual Anti-Platelet Therpy (DAPT)Protocol# P09-6301	Cordis Corporation
Stenting and Angioplasty with Projection in Patients at High Risk for EndarterectomyProtocol #P06-3603-Sapphire WW	Cordis Corporation
CNDO 201 TRUST-I: A Phase II Study to Evaluate the Efficacy & Safety of 12 weeks of Treatment with Oral 201 Trichuris Suis Ova Suspension (TSO) as Compared to Placebo, Followed By a 12 Week Open-Label Treatment Period in Patients with Moderately to Severely Active Crohn's Disease	Coronado Biosciences, Inc
Covidien Surgery Fellowship	Covidien
PS-024 Evaluation of Cryoablation in the Treatment of Paroxysmal Atrial Fibrillation Study (CAP-AF) Arctic Front Continued Access Protocol	CryoCath Technologies Inc.
A double-Blind, randomized, placebo-controlled, cross-over study to evaluate the clinical efficacy and safety of subcutaneous administration of human plasma-derived C1-esterase inhibitor in the prophylactic treatment of hereditary angioedema - Study No. CSL830_3001	CSL Behring
Correlation Between Vitamin D Status and Bone Mineral Density in Patients	CSL Behring
A Multi-Center, Partially Blinded, Maximum Tolerated Multiple Dose Escalation, Phase 1 Clinical Trial to Evaluate the Safety of GR-MD-02 in Subjects with Non-Alcoholic Steatohepatitis (NASH) with Advanced Hepatic Fibrosis (GT-020) SPONSOR: GALECTIN	CTI Clinical Trial and Consulting Services
A Three-Part, Multi-Centre, Randomised, Double-Blind, Placebo-Controlled, Parallel-Group, Sequential Adaptive, Phase II Study to Evaluate the Safety, Tolerability and Efficacy of OPN305, a Humanised Monoclonal Antibody that Blocks Toll-Like Receptor 2, in Renal Transplant Patients at High Risk of Delayed Graft Function	CTI Clinical Trial and Consulting Services
A Multi-Center, Double-Blind, Randomized, Controlled Study to Determine the Safety and Pharmacokentics of Ifetroban Injection in Hepatorenal Syndrome (CPT-IFE-001)	Cumberland Pharmaceuticals Inc.
Rheos Pivotal Trial	CVRx, Inc.
RA Phase 3, Randomized, Double-Blind, Placebo-Controlled Study of ARQ 197 Plus Erlotinib Versus Placebo Plus Erlotinib in Previosly Treated Subjects with Locally Advanced or Metastatic, Non-Squamous, Non-Small-Cell Lung Cancer (NSCLC)Protocol #ARQ197-A-U302	Daiichi Sankyo Pharma Development
A Prospective, Multi-Center Study of Phasix Mesh for Ventral Incinsional Hernia Repair, DVL-HE-011	Davol Inc.
Subproject for Institution # PT104989	Delta Dental of Wisconsin
A Multicenter, Randomized, Double-blind, Placebo Controlled, Clinical Trial to Evaluate the Safety, Tolerability and Preliminary Effectiveness of 2 Doses of Intradiscal rhGDF-5 (Single Administration) for the Treatment of Early Stage Lumbar Disc DegenerationProtocol# rhGDF-5-04	DePuy Spine Inc.
Energy Harvesting: Developing Piezoelectric Materials for Passive Energy Harvesting	Dominion Energy, Inc.
Translational Study 5-Cholesten 3,25-diol 3-Sulfate as New Medicine for Therapy of Metabolic Disorders	DURECT Corporation

Printed 7/1/2014 6:00:09 AM Page 6 of 21

Measuring contact pathway biomarkers in subjects diagnosed with hereditary angioedema and non-HAE during and in between and acute attack, or diagnosed with other inflammatory diseases, using novel assays to measure protein markers of inflammatory disease biology, including plasma kallikrein and pKal degradation products

Dyax Corp.

9	
TASK ORDER ONE - FIXED PRICE	Economic Systems Inc
TASK ORDER TWO - FIXED PRICE	Economic Systems Inc
Open Label Pilot Study W/an Extension Phase to Evaluate the Pharmakokinetics, and to Generate Preliminary Safety, Tolerability, Efficacy of Perampanel	Eisai, Inc.
Protocol No.E2007-G000-401: An Extended Access program for Perampanel	Eisai, Inc.
CD INFORM - Investigating Natalizumab through further observational research and monitoring Protocol: ELN100226-CD451	Elan Pharmaceuticals
"A Comparison of Prasugrel and Clopidogrel in Acute Coronary Syndrome (ACS) Subjects with Unstable Angina/ Non-ST-Elevation Myocardial Infarction (UA/NSTEMI) Who are Medically Managed – The TRILOGY ACS Study"	Eli Lilly
A Randomized, Double-Blind, Phase 3 Study of Docetaxel and Ramucirumab versus Docetaxel and Placebo in the Treatment of Stage IV Non-Small Cell Lung Cancer Following Disease Progression after One Prior Platinum-Based TherapyProtocol #14T-MC-JVBA	Eli Lilly
Translate-ACS Study. Treatment with ADP Receptor Inhibitors: Longitudinal Assessment of Treatment Patterns and Events After Acute Coronary SyndromeProtocol #H7T-US-B007	Eli Lilly
Phase III, Prospective, Randomized, Double-Blind, Parallel-Group, Multicenter Study of L-Glutamine Therapy for Sickle Cell Anemia and Sickle Beta0-Thalassemia Protocol #GLUSCC09-01	Emmaus Medical, Inc.
PROTOCOL EC-FV-06: A RANDOMIZED DOUBLE-BLIND PHASE 3 TRIAL COMPARING EC145 AND PEGYLATED LIPOSOMAL DOXORUBICIN (PLD/DOXIL/CAELYX) IN COMBINATION VERSUS PLD IN PARTICIPANTS WITH PLATINUM-RESISTANT OVARIAN CANCER	Endocyte, Inc
Subproject for Institution # PT105910	Entegrion Inc
Subproject for Institution # PT106192	Entegrion Inc
EMPOWER Clinical Trial: Vagal blocking for Obesity Control	EnteroMedics
ReCharge	EnteroMedics
Content Evaluation of the Gastroparesis Cardinal Symptom Index-Daily Diary for Use in Patients Diagnosed with Parkinson's Disease and Gastroparesis	Evidera
The Effect of Humidification on Mucus Rheology	Fisher & Paykel Healthcare, Ltd
A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Relapse Prevention Study with Vilazodone in Patients with Major Depressive Disorder	Forest Research Institute
A Quapheresis Versus Intravenus Diuretics and Hospitilizations for Heart Failure	Gambro Healthcare, Inc.
Choosing Neoadjuvant Chemotherapy versus Hormonal Therapy for Breast Cancer Base (MCC-13311)/ PI Initiated	Genomic Health, Inc.

Printed 7/1/2014 6:00:09 AM Page 7 of 21

Reduced Intensity Myeloablative Total Body Irradiation and Thymoglobulin Followed by Allogeneic Peripheral Blood Stem Cell Transplantation	Genzyme Corporation
Subproject for Institution # PT105712	Genzyme Corporation
SVCARB07609 Efficacy and Safety of Sevelamer Carbonate in Hyperphosphatemic Pediatric Patients with Chronic Kidney Disease	Genzyme Corporation
(GS-US-321-0106) A Phase 2b, Dose-Ranging, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Safety and Efficacy of GS-6624, a Monoclonal Antibody Against Lysyl Oxidase Like Molecule 2 (LOXL2) in Subjects with Compensated Cirrhosis Secondary to Non-Alcoholic Steatohepatitis (NASH).	Gilead Sciences, Inc.
A Phase 2, Randomized. Double-Blind, Placebo-Controlled, Multi-Center Study to Assess the Efficacy and Safety of GS-6624 in Subjects with Idiopathic Pulmonary Fibrosis	Gilead Sciences, Inc.
A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study of Aztreonam for Inhalation Solution (AZLI) in a Continuous Alternating Therapy (CAT) Regimen of Inhaled Antibiotics for the Treatment of Chronic Pulmonary Pseudomonas Aeruginosa Infection in Subjects with Cystic Fibrosis	Gilead Sciences, Inc.
A Phase 4, randomized, open-label, active-controlled, superiorty study to evaluate the efficacy and safety of Tenofovir Disoproxil Fumarate (TDF) GS-US-174-0149Subproject for Institution # PT103761	Gilead Sciences, Inc.
A Randomized, Multicenter Study of First-Line Ambrisentan and Tadalfil Combination Therapy Protocol# GU-US-300-0140	Gilead Sciences, Inc.
GS-US-248-0122: A Long Term Follow-up Registry for Subjects Who Achieve a Sustained Virologic Response to Treatment in Gilead-Sponsored Trials in Subjects with Chronic Hepatitis C Infection	Gilead Sciences, Inc.
comments: HCV Registry Extension protocol for subjects that achieved an SVR	
GS-US-337-0108: A Phase 3, Multicenter, Randomized, Open-Label Study to Investigate the Efficacy and Safety of Sofosbuvir/Ledipasvir Fixed-Dose Combination? Ribavirin for 8 Weeks and Sofosbuvir/Ledipasvir Fixed-Dose Combination for 12 Weeks in Treatment-Naïve Subjects with Chronic Genotype 1 HCV Infection	Gilead Sciences, Inc.
GS-US-337-0115 (ION 4) A Phase 3, Multicenter, Randomized, Open-Label Study to Investigate the Efficacy and Safety of Sofosbuvir/Ledipasvir Fixed-Dose Combination for 12 Weeks in Subjects with Chronic Genotype 1 Hepatitis C Virus (HCV) and Human Immunodeficiency Virus (HIV)-1 Coinfection	Gilead Sciences, Inc.
GS-US-337-0123: A Phase 2, Multicenter, Open-Label Study to Investigate the Safety and Efficacy of Sofosbuvir/Ledipasvir Fixed-Dose Combination + Ribavirin Administered in Subjects Infected with Chronic HCV who have Advanced Liver Disease or are Post-Liver Transplant	Gilead Sciences, Inc.
Master Clinical Trial Agreement	Gilead Sciences, Inc.
Protocol GS-US-248-0123, "A Long Term Follow-up Registry Study of Subjects Who Did Not Achieve Sustained Virologic Response in Gilead-Sponsored Trials in Subjects with Chronic Hepatitis C Infection	Gilead Sciences, Inc.
Protocol GS–US-321-0102 A Phase 2b, Dose-Ranging, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Safety and Efficacy of GS-6624, a Monoclonal Antibody Against Lysyl Oxidase Like Molecule 2 (LOXL2) in Subjects with Primary Sclerosing Cholangitis (PSC)	Gilead Sciences, Inc.
Protocol GS–US-321-0105 A Phase 2b, Dose-Ranging, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Safety, and Efficacy of GS-6624, a Monoclonal Antibody Against Lysyl Oxidase Like Molecule 2 (LOXL2) in Subjects with Advanced Liver Fibrosis but not Cirrhosis Secondary to Non-Alcoholic Steatohepatitis (NASH) Subproject for Institution # PT103761	Gilead Sciences, Inc.

Printed 7/1/2014 6:00:09 AM Page 8 of 21

Defend 2: Durable-Response Therapy Evaluation for early or new onset Type 1 DiabetesProtocol# OTX115494	GlaxoSmithKline
MMR-160 GSK Biologicals' MMR Vaccine (209762) Compared to Merck & Co., Inc.'s MMR Vaccine as a First Dose Both Co-Administered with Varivax, Havrix and Prevnar 13 (Subset of Children) to Healthy Children 12 to 15 Months of Age	GlaxoSmithKline
The evaluation of novel macrolides as potential immunomodulatory medications for treating airway inflammation	GlaxoSmithKline
Treatment of Patients with Pulmonary Arterial Hypertension and Right Heart Failure.	GlaxoSmithKline
James River Water Quality Monitoring	Greeley and Hansen LLP
Subproject for Institution # PT103932	Greeley and Hansen LLP
Subproject for Institution # PT106010	Greeley and Hansen LLP
An Open-Label, Single-Arm, Historically Controlled, Prospective, Multicenter Phase III Study to Evaluate the Safety, Efficacy and Pharmacokinetics of Immune Globulin Intravenous (Human) IVIG-SN in Sujects with Primary Immunodeficiency Protocol #IVIG_SN_P3	Green Cross Corporation
Alpha-1 Anti-Tripsin (AAT) in ST-Segment Elevation Acute Myocardial Infraction (STEMI)	Grifols, Inc.
Confidential Disclosure Agreement- (GTI1307) A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Preoperative Antithrombin Supplementation in Patients Undergoing High-Risk Cardiac Surgery with Cardiopulmonary Bypass'	Grifols, Inc.
Master Collaboration Agreement	Health Diagnostic Lab, Inc.
HQP 1001-SCD-007 - A Randomized, Placebo-Controlled, Phase 2 Study of HQK-1001 in Sickle Cell Disease	HemaQuest
An open label, prospective, pharmacodynamic and safety evaluation of intravenous Tamuflu in the treatment of children 1 to 12 with influenza infection. Protocol#: NP25139C	Hoffmann-La Roche Inc.
An Open-Label, Prospective, Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Intravenous Oseltamivir (Tamiflu) in the Treatment of Children Less that One Year of Age with Influenza InfectionProtocol# NP25138C	Hoffmann-La Roche Inc.
CMV-Neutralizing Activity of PC-Based Vaccines	Hookipa Biotech AG
Training on ON-Q Catheter System Placement	I Flow Corporation
Topical Antimicrobral Agents with Tissue Protective Properties	IASIS Molecular Sciences
Treatment of Wound Infection with Novel Uncharged Silver Carbene Complexes	IASIS Molecular Sciences
A Multicenter Open-Label Extension Study for Subjects Who Participated in Study B0151003 (ADANTE II) Protocol: B0151005	ICON Clinical Research, Inc.
Protocol #A3921095Study of Oral CP-690, 550 as an induction therapy in subjects with moderate to severe ulcerative colitis	ICON Clinical Research, Inc.

Printed 7/1/2014 6:00:09 AM Page 9 of 21

Protocol# B0151003 A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, DOSE-RANGING STUDY TO EVALUATE THE EFFICACY AND SAFETY OF PF-04236921 IN SUBJECTS WITH CROHNS DISEASE WHO ARE ANTI-TNF INADEQUATE RESPONDERS (ANDANTE)	ICON Clinical Research, Inc.
V419-006 Phase III of V419 in Healthy Infants when given at 2, 4 and 6 months concomitantly with Prevnar 13 and Rota Teq	ICON Clinical Research, Inc.
Evaluation of the Safety and Efficacy of the OPTIMIZER II System with Active Fixation Leads in Subjects with Heart Failure Resulting from Systolic Dysfunction: FIX-HF-5	Impulse Dynamics, Inc.
Evaluation of the Safety and Efficacy of the OPTIMIZER System in Subjects with Heart Failure with Ejection Fraction between 25% and 35% and NYHA Class III SymptomsProtocol #FIX-HF-5B	Impulse Dynamics, Inc.
A Phase IV, Multicenter, Open-Label Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of Gammaplex in PID in Children and AdolescentsProtocol #GMX04	INC Research, LLC
A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study of the Efficacy and Safety of Pirfenidone in Patients with Idiopathic Pulmonary FibrosisProtocol #PIPE-016	InterMune, Inc.
A Treatment Protocol to Allow Patients in the US with Idiopathic Pulmonary Fibrosis Access to Pirfenidone Protocol No. PIPF-031	InterMune, Inc.
An Open-Label Study of the Long-Term Safety of Pirfenidone in Patients with Idiopathic Pulmonary Fibrosis (IPF) Who Complete the CAPACITY Studies	InterMune, Inc.
Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial Comparing REMICADE (infliximab) and Placebo in the Prevention of Recurrence in Crohn's Disease Patients Undergoing Surgical Resection Who Are at Risk of RecurrenceProtocol# REMICADE CRD3001	Janssen Biotech, Inc.
Training Course for Continuous Regional Anesthesia for Rib Fractures-Tunnel Catheter Placement Technique	Kimberly-Clark Corporation
Kuwait Training Gate-Training and Technical Assistance	Kuwait Training Gate
Subproject for Institution # PT106389	Kuwait Training Gate
Brain-Computer Interface-based Volition Control Device	Ladenburg Funding, Inc. (The)
PROPOSAL TO TEST Lu AA21004 AND OTHER COMPOUNDS IN A SUSTAINED ATTENTION TASK (VISUAL SIGNAL DETECTION)IN RATS	Lundbeck, Inc.
A Phase 3, Randomized, Double-Blind, Multinational, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Teplizumab (MGA031), A humanized, FcR Non-Binding, Anti-CD3 Monoclonal Antibody, in Children and Adults with Recent-Onset Type 1 Diabetes MellitusProtocol # CP-MGA031-03	MacroGenics, Inc.
Evaluation of Purified Poloxamer 188 in Children in Crisis (Epic): A Phase 3 Randomized, Double-Blind, Placebo-Controlled, Multicenter Clinical Trial of ANX-188 (Purified Poloxamer 188) Injection in Children with Sickle Cell Didease Experiencing Vasco-Occlusive Crisis	Mast Therapeutics, Inc
Disability Research Consortium (DRC)	Mathematica Policy Research, Inc.
NIHCR Health Policy Research, Inc.	Mathematica Policy Research, Inc.
Redesigning Diabetes Work Processes for Population-based Primary Care	Mathematica Policy Research, Inc.
Safety Net Hospitals and the ACA	Mathematica Policy Research, Inc.

Printed 7/1/2014 6:00:09 AM Page 10 of 21

An Observational Study to Evaluate the Relationship of Nasal Mucus Properties and Symptoms in Acute Rhinosinusitis	McNeil Consumer Healthcare
Effect of Long Acting Antihistime on Opioid-Induced Pruritus: A Double-Blind Placebo Controlled Study	McNeil Consumer Healthcare
PINCER Based In-Process Analyzer for Manufacturing of Biologics	Mediomics, LLC
2013 Advanced Heart Failure and Transplantation Fellowship	Medtronic
2013 Electrophysiology Fellowship Grant	Medtronic
Adaptive CRT Study (aCRT) Protocol: aCRT	Medtronic
Artifact-free Cone-beam CT Construction for Pedicle Screw and DBS Probe Localization	Medtronic
Endeavor Drug eluting stenting: Understanding Care, Antiplatelet agents and Thrombotic Events (EDUCATE)Protocol# IP114	Medtronic
IP#118: Evaluation of the clinical performance of the Valiant Thoracic Stent Graft with the Captiva Delivery system for the treatment of acute, complicated Type B aortic dissectionsProtocol# IP_118	Medtronic
PainFree SST Clinical Study Medtronic	Medtronic
Renal Denervation in Patients with Uncontrolled Hypertension (Symplicity HTN-3)Protocol #IP125	Medtronic
A phase I Randomized, Double Blind, Placebo Controlled, Dose-Escalation Study to Evaluate the Safety, Tolerability and Immunogenicity of the Human CMV Vaccine(V160) in Healthy Adults	Merck & Co., Inc.
A Phase II, Randomized, Active Comparator-Controlled Clinical Trial to Study the Safety, Tolerability, and Efficacy of MK-7655 + Imipenem/Cilastatin Versus Imipenem/Cilatatin Alone in Patients with Complicated Urinary Tract InfectionProtocol #0003-00	Merck & Co., Inc.
A Phase III, Double Blind, Randomized, Placebo-Controlled, Multicenter Clinical Trial to Study the Safety, Tolerability, Efficacy, and Immunogenicity of V212 in Recipients of Autologous Hematopoietic Cell Transplants (HCTs)Protocol #V212-001	Merck & Co., Inc.
A Study of MK-3415, MK-6072, and MK-3415A in Participants Receiving Antibiotic Therapy for Clostridium Difficile Infection (MK-3415A-001 AM2) (MODIFY I)	Merck & Co., Inc.
Immune Responses to CMV in Pregnancy	Merck & Co., Inc.
A Phase 3, Randomized, Double-Blind, Parallel, Placebo-Controlled, Multi-center Study, with Optional Open- Label Continuation, of the Efficacy and Safety of Vanquix Auto-Injector (Diazepam Injection) for the Management of Selected, Refractory, Patients with Epilepsy who Require Intermittent Medical Intervention to Control Episodes of Acute Repetitive Seizures	Meridian Medical Technologies
MPI-101-06 Oral Budesonide Suspension in Adolescent and Young Adult Subjects w/Eosinophilic Esophagitis Protocol # MPI-101-06	Meritage Pharma
Evaluation of Presidio and Cerecyte Coils in Large and Giant Aneurysms - PAC Registry	Micrus Endovascular Corporation
A Phase 3, Randomized, Double-Blind Multicenter Study Comparing Oral MLN9708 C16014 Plus Lenalidomide and Dexamethasone Versus Placebo Plus Lenalidomide and Dexamethasone in Adult Patients With Newly Diagnosed Multiple Myeloma	Millennium Pharmaceuticals

Printed 7/1/2014 6:00:09 AM Page 11 of 21

MCC 03740: Phase 1 Trial of Dacarbazine and Bortezomib in Melanoma and Soft Tissue Sarcoma	Millennium Pharmaceuticals
Phase I Trial of Bortezomib and Romidepsin in Patients with Chronic Lymphocytic Leukemia/Small Lymphocytic LymphomaProtocol #RM-CLL-PI-0006	Millennium Pharmaceuticals
DAR Services for Molecules for Health	Molecules for Health
Continuous Production of Cobalt Nanoparticles	Nanofoundry, LLC.
Evaluation of Oral Antibiotic Use with Nasal Saline Irrigation for the Treatment of Rhinosinusitis	NeilMed Pharmaceuticals, Inc.
A Prospective Controlled Post-Approval Study of NeoMend ProGEL Sealant in the Treatment of Visible Pleural Air Leaks after Standard Pleural Closure	Neomend, Inc.
Confidential Disclosure Agreement - "A Prospective, Randomized Study to Compare Progel® Sealant to Gelfoam® Plus as an Adjunct for the Control of Bleeding after Conventional Hemostasis in Subjects Undergoing Thoracic Aortic Surgery," NEO13-100	Neomend, Inc.
Growth of Preterm Infant Consuming a Post Discharge FormulaProtocol# 09.02.US.INF	Nestle Nutrition
A Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study of NNZ-2566 in Patients with Traumatic Injury (TBI)	Neuren Pharmaceuticals Limited

A Multicenter Randomized, Double-Blind, Controlled Study to Evaluate Safety and Tolerability and Preliminary Efficacy of Two Capsaicin Concentration Variations NGX-1998 Protocol #C204	Neurogesx, Inc.
Phosphodiesterase Type 5 Inhibition with Tadalafil Changes Outcomes in HF Protocol (PITCH-HF)	New England Research Institutes
A Phase II Double-Blinded, Randomized, Placebo-Controlled Study of Docetaxel in Combination with 1-methyl-D-tryptophan (indoximod) in Metastatic Breast Cancer	NewLink Genetics Corporation
A Phase III Study of Chemotherapy and Chemoradiotherapy With or Without HyperAcute Pancreatic Cancer Vaccine in Subjects with Surgical Resected Pancreatic CancerProtocol #NLG0405	NewLink Genetics Corporation
Robotics for Tank Inspection	Newport News Shipbuilding
Robotics for Tank Inspection Phase 2	Newport News Shipbuilding
A 5-year, Prospective, Non-Inventional Multicenter Registry in Sickle Cell Disease patientsProtocol# CICL670AUS38Subproject for Institution # PT102299	Novartis Pharmaceuticals Corporation
A Phase III, Multicenter, Randomized, Open-label Study of Oral LDK378 Versus Standard Chemotherapy in Adult Patients with ALK-rearranged (ALK-positive) Advanced Non-Small Cell Lung Cancer Who Have Been Treated Previously with Chemotherapy (Platinum Doublet) and Crizotinib	Novartis Pharmaceuticals Corporation
A Randomized, Double-Blind, Placebo-Controlled, Event-Driven Trial of Quarterly Subcutaneous Canakinumab in the Prevention of Recurrent Cardiovascular Events Among Stable Post-Mycardial Infarction Patients with Elevated hsCRPProtocol # CACZ885M2301Subproject for Institution # PT102299	Novartis Pharmaceuticals Corporation
A Randomized, Multicenter, Double-blind, Placebo-controlled, Parallel-group, 24-week Pilot Study to Assess the Efficacy, Safety and Tolerability of LCQ908 in Patients with Non-alcoholic Fatty Liver Disease (NAFLD)	Novartis Pharmaceuticals Corporation

Printed 7/1/2014 6:00:09 AM Page 12 of 21

Interleukin-1 blockade with Canakinumab to Improve Exercise Capacity in Patients with Chronic Systolic Heart Failure and Elevated hs-CRp. A Randomized, Double-blind, Placebo-controlled, Event Driven Trial of Quarterly Subcutaneous Canakinumab in the Prevention of Recurrent Cardiovascular Events Protocol #CACZ885M2301 CANTOS SubStudy	Novartis Pharmaceuticals Corporation
Master Agreement	Novartis Pharmaceuticals Corporation
Master Clinical Trial Agreement	Novartis Pharmaceuticals Corporation
Serelaxin Therapy for Ischemic Cardiomyopathy	Novartis Pharmaceuticals Corporation
Start Up: BYM338 Cachexia in Stage IV NSCLC or Stage III/ Adenocarinoma of the Pancreas	Novartis Pharmaceuticals Corporation
Subproject for Institution # PT102299	Novartis Pharmaceuticals Corporation
A single arm, phase II, open-label study to determine the eficacy of 100 mg twice daily oral dosing of Midostaurin administered to patients with Aggressive Systemic Mastocytosis or Mast Cell Leukemia +/- an Associated Hematological Clonal Non-Mast Cell Lineage Disease	
A Phase 3, Open-Label, Randomized, Multi-Center Study to Evaluate the Safety and Immunogenicity of ProQuad Vaccine When Administered Concomitantly with Novartis Meningococcal ACWY Conjugate Vaccine to Healthy Toddlers - Protocol V59P21	Novartis Vaccines and Diagnostics
A Phase 3b, Open-Label, Randomized, Parallel-Group, Multi-Center Study to Evaluate the Safety of Novartis MenACWY Conjugate Vaccine when Administered with Routine Infant Vaccinations to Healthy Infants. Protocol No. V59P23	Novartis Vaccines and Diagnostics
A Phase 3B, Randomized, Open-label, Multicenter Study of 2 or 3 doses of MenACWY Conjunate Vaccine in Healthy Infants and the Effects of a Booster Dose of MenACWYProtocol #V59_36	Novartis Vaccines and Diagnostics
Master Clinical Trial Agreement	Novartis Vaccines and Diagnostics
A Self Assembling Gel with Antimicrobial and Antioxidant Properties for Burns	Novion Technologies
A Multi-Centre, Open-Label, Single-Arm, and Multiple Dosing Trial On Safety of Monthly Therapy with rFXIII in Subjects with Congenital FXIII DeficiencyProtocol# F13CD-3720	Novo Nordisk Pharmaceuticals, Inc.
A Trial Investigating the Efficacy and Safety of Insulin Degludec in Children and Adolescents with Type 1 Diabetes MellitusProtocol #NN1250-3561 Subproject for Institution # PT105265	Novo Nordisk Pharmaceuticals, Inc.
Impact of Coated Platelet Levels on rFVIIa Response as Measured by Thrombin Generation and Platelet Function	Novo Nordisk Pharmaceuticals, Inc.
Master Clinical Trial Agreement	Novo Nordisk Pharmaceuticals, Inc.
EMERGENCY USE: OCR-002-EmUse-001: A Phase 2a Study to Evaluate the Safety and Tolerability of OCR-002 (ornithine phenyl-acetate) in the Treatment of Patients with Acute Liver Failure due to Acetaminophen Overdose	Ocera Therapeutics Inc
Surveillance of Safety and Efficacy of Wilate in Patients with Von Willebrand Disease (Wil 20)	Octapharma Incorporated
Recombination Chimeric Human Alpha-1 Anti-Trypsin For The Reduction of Myocardial Ischemic Injury in the Mouse Model	Omni Bio Pharmaceutical Inc

Printed 7/1/2014 6:00:09 AM Page 13 of 21

"Clinical Trial of the On-X Valve using low Dose Anticoagulation"	On-X Life Technologies
Phase 2 Study of Intravenous Administration of Reovirus Serotype 3 - Dearing Strain (Reolysin) in Combination with Paclitaxel and Carboplatin in Patients With Metastatic or Recurrent Non-Small Cell Lung Cancer Who Have KRAS of EGFR Activated Tumors Protocol# REO 16	Oncolytics Biotech, Inc.
Randomized, Double-Blind, Multicenter Two-Stage Adaptive Phase II Study of Intravenous Administration of REOLYSIN (Reovirus Type 3 Dearing) in Combination with Paclitaxel and Carboplatin versus the Chemotherapy Alone in Partients with Metastatic or Recurrent Squamous Cell Carcinoma of the Head and Neck Who Have Progressed on or after Prior Platinum-Based Chemotherapy Protocol# REO 18	Oncolytics Biotech, Inc.
Preclinical Studies Examining Interactions Between the HDAC Inhibitor Vorinostat and the Proteasome Inhibitor Carfilzomib in Malignant Human Hematopoietic Cells in Vivo and in Vivo	Onyx Pharmaceuticals, Inc.
Combination of Non-Cytotoxic Suramin with Docetaxel and Carboplatin in Chemo-Naive NSCLC: A Randomized Single Blind Placebo Controlled Phase II Study Protocol OSU-LUNG	Optimum Therapeutics, LLC
Multi-Center Phase 3 Trial of Minocycline HC1 1mg Microspheres for the Use in Subjects with Peri- Implantitis: Clinical and Microbiological Evaluations	OraPharma Inc
Cannabinoid Receptor Agonists for Treatment of Chronic Pain	Organix, Inc.
ACETABULAR LANDMARK STUDY	Orth Align, Incorporated
An Observational Prospective Registry to Identify Demographic and Clinical Characteristics of Patients Hospitalized with Euvolemic and Hypervolemic Hyponatremia and Assess the Comparative Effectiveness of Available Treatments and the Impact on Resource UtilizationProtocol #156-10-292	Otsuka Pharmaceutical Development & Commercialization, Inc.
Confirmatory screening for congenital non-syndromic genetic hearing loss using ta	Parabase Genomics
A 6-Month, Open-Label, Multi-Center, Flexible-Dose Extension Study to the B2061032 Study Protocol #B2061030Subproject for Institution # PT106040	Pfizer Inc., U.S. Pharmaceuticals Group
A Prospective, Open-Label, Non-Randomized, Multi-Center Study to Evaluate the Safety and Tolerability of Voriconazoleas Primary Therapy for Treatment of Invasive Aspergillosis and Molds such as Scedosporium or Fusarium Species in Pediatric Patients	Pfizer Inc., U.S. Pharmaceuticals Group
A Selective Metabolic Approach to Increase Phenylephrine Oral Bioavailability, Part 1: Establish the Approach	Pfizer Inc., U.S. Pharmaceuticals Group
An Open-Label, Multicenter, Multiple-Dose Pharmacokinetic and 48-Week Safety and Efficacy Trial of Maraviroc in Combination with Optimized Background Therapy for the Treatment of Antiretroviral-Experienced CCR5-Tropic HIV-1 Infected Children 2-18 Years of Age	Pfizer Inc., U.S. Pharmaceuticals Group
Desvenlafaxine Succinate Sustained-Release (DVS SR) in the Treatment of Children and Adolescent Outpatients with Major Depressive Disorder Protocol# B2061032Subproject for Institution # PT106040	Pfizer Inc., U.S. Pharmaceuticals Group
Master Clinical Trial Agreement	Pfizer Inc., U.S. Pharmaceuticals Group
Protocol #A3921096Study of Oral CP-690, 550 as a maintenance therapy in subjects with moderate to severe ulcerative colitis	Pfizer Inc., U.S. Pharmaceuticals Group
Protocol #A3921139A Multi-Center, Open-Label Study of CP-690, 550 In Subjects With Moderate to Severe Ulcerative Colitis (OCTAVE)	Pfizer Inc., U.S. Pharmaceuticals Group

Printed 7/1/2014 6:00:09 AM Page 14 of 21

Protocol #A7281009-9002:A DOUBLE-BLIND, DOUBLE-DUMMY, RANDOMIZED, PLACEBO-CONTROLLED, PARALLEL, DOSE-RANGING STUDY TO EVALUATE THE EFFICACY AND SAFETY OF PF-00547659 IN SUBJECTS WITH MODERATE TO SEVERE ULCERATIVE COLITIS (TURANDOT)Subproject for Institution # PT106040	Pfizer Inc., U.S. Pharmaceuticals Group
Protocol A7281010: A Multicenter Open-Label Extension Study to Assess Long-Term Safety of PF-00547659 in Subjects with Ulcerative Colitis (TURANDOT II) Subproject for Institution # PT106040	Pfizer Inc., U.S. Pharmaceuticals Group
A Multi-Center, Randomized. Double-Blind, Placebo-Controlled, Parallel-Group Study to Investigate the Efficacy and Safety of R04995819 Versus Placebo, as Adjunctive Therapy in Patients with Major Depressive Disorder Having Inadequate Response to Ongoing Antidepressant Treatment - Protocol No. BP25712	Pharmaceutical Research Associates
A Two Part, Phase 1, Multicenter, Open-Label, Study of DKN-01 Given Intravenously Part A: A Dose Escalation Study in Patients with Multiple Myeloma or Advanced Solid Tumors. Part B: An Expansion Cohort in Patients with Relapsed or Refractory Non-Small Cell Lung Cancer (NSCLC)	Pharmaceutical Research Associates
A Multicenter Phase 1/2b Study of the Bruton's Tyrosine Kinase Inhibitor, Ibrutinib (PCI-32765) in Combination with Carfilzomib (Kyprolis) in Subjects with Relapsed and Refractory Multiple Myeloma	Pharmacyclics, Inc
Pharmacyclics Master Agreement	Pharmacyclics, Inc
Philips Master Agreement	Philips Healthcare
Image-guided Radiation Therapy and Brachytherapy: a Virtual Clinical Trial Database for Locally Advanced Cervical Cancer & Intermediate Risk Prostate Cancer	Philips Radiation Oncology Systems
A 14 Month Open-Label Extension Phase of the Double-Blind, Placebo-Controlled, Dose-Escalation, Parallel-Group Studies to Evaluate teh Efficacy and Safety of E2007 (perampanel) Given as Adjunctive Therapy in Subjects with Refractory Partial Seizures	PPD Development, LLC
A Multi-Center, Randomized, Double Blind Study to Compare the Efficacy and Safety of Cadazolid Versus Vancoycin in Subjects with C Diff Diarrhea (CDAD) - Protocol No. AC-061A302	PPD Development, LLC
A Phase II, Randomized, Placebo-Controlled, Double-Blind (Sponsor Open) Study of GSK1278863, a HIF- Prolyl Hydroxylase Inhibitor, to Reduce Ischemic Events in Patients Undergoing Thoracic Aortic Aneurysm Repair (PPD)	PPD Development, LLC
An Open Label, Multicenter, Follow-Up Trial to Evaluate the Long-Term Safety and Efficacy of Brivaracetam Used as Adjunctive Treatment at a Flexible Dose Up to a Maximun of 150md/day in Subjects Aged 16 Years or Older Suffering from Epilepsy	PPD Development, LLC
A Study to Evaluate the Efficacy and Safety of GFT505 80mg & GFT505 120mg once daily on Steatohepatitis in Patients with Non-Alcoholic Steatohepatitis (NASH). Protocol GFT505-212-7	Premire Research International LLC
Monitoring Plan for Diadromous Fishes in Curles Neck Creek, James River Basin, Virginia	Pruitt Companies
An Open-label, Extension Study to Assess the Long-Term Safety of Twice Daily Oxycodone Hydrochloride Controlled-release Tablets in Opioid Experienced Children Who Completed the OTR3001 Study Protocol #OTR3002	Purdue Pharma
An Open-label, Multicenter Study of the Safety of Twice Daily Oxycodone Hydrochloride Controlled-release Tablets in Opioid Experienced Children from Ages 6 to 16 Years Old, Inclusive, with Moderate to Severe Malignant and/or Nonmalignant Pain Requiring Opioid Analgesics Protocol #OTR3001	Purdue Pharma

Printed 7/1/2014 6:00:09 AM Page 15 of 21

Controlled, Randomized, Prospective, Double-Blind, Multi-Center, Phase I/II, Dose-Escalation Study of the Safety, PK, and Clinical Activity of 15NP for Prophylaxis of Delayed Graft Function in Patients Undergoing Deceased Donor Kidney TransplantationProtocol# QRK.006	Quark Pharmaceuticals, Inc.
A Phase 3, Double-Blind, Randomized, Efficacy and Safety and Safety Comparison of Prasugrel and Placebo in Pediatric Patients with Sickle Cell Disease	Quintiles, Inc.
A Phase II, Multicenter, Randomized, Placebo-Controlled, Double-Blind, 12-Month Study to Assess Safety and Efficacy of SelG1 With or Without Hydroxyurea Therapy in Sickle Cell Disease Patients with Sickle Cell-Related Pain Crises.	Quintiles, Inc.
A Randomized, Double-Blind, Controlled, Multi-Center Phase 2 Study to Evaluate the Effect of Roflumilast Plus Pioglitazone on Liver Enzymes and Liver Fat Content in Subjects with Nonalcoholic Steatohepatitis", ROF-NASH-205	Quintiles, Inc.
Multicenter, Open-label, Safety and Pharmacokinetic Study of Oral Codeine Sulfate Administration in Pediatric Subjects 2 Years Old Through 17 Years Old With Post-Procedural Pain	Quintiles, Inc.
Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Efficacy and Safety of Ularitide (Urodilatin) Intravenous Infusion in Patients Suffering From Acute Decompensated Heart Failure [TRUE AHF] SPONSOR: CARDIORENTIS	Quintiles, Inc.
AQT90 FLEX BNP Reference Interval DC-047163	Radiometer Medical
AQT90 FLEX BNP, NT-proBNP Clinical Sensitivity and Specificity Study (DC-043652/2)	Radiometer Medical
AQT90 FLEX BNP, NT-proBNP Method Comparison Style	Radiometer Medical
Physical Dependence Tests with Buprenorphine Hemiadipate HCL in Rats	Reckitt Benckiser Inc.
Increasing Oral Bioavailability of Opioids: In Vivo Proof of Concept with Buprenorphine	Reckitt Benckiser Pharmaceuticals Inc
A Point-Prevalence Study to Evaluate the Prevalence of Antibodies to Selected Porcine Viruses in Patients with Cystic Fibrosis Who Are Receiving Porcine-Derived Pancreatic Enzyme Replacement Therapy: A Harmonized Protocol Across Sponsors	REGISTRAT-MAPI
Respicardia Inc. Pivotal Trial of the remede System Clinical Investigational P1	Respicardia
A Randomized, Double-blind, placebo controlled, parallel group, phase 2 study of RX-10100 in subjects with major depressive disorder.	Rexahn Pharmaceuticals, Inc.
Planning Grant for Studies to test The Effect of the Anti-Inflammatory Anatabine on Mechanisms of Type 2 Diabetes Mellitus	Rock Creek Pharmaceuticals, Inc.
RFHE 4043: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Efficacy, Safety, & Pharmacokinetics of Rifaximin 550 mg in Subjects with Severe Hepatic Impairment & Overt Hepatic Encephalopathy	Salix Pharmaceuticals, Inc.
RFHE4043PK- RIFAXIMIN 550 MG with Severe Hepatic impairment and overt hepactic encephalopathy	Salix Pharmaceuticals, Inc.
RFHE4044: A MULTICENTER, RANDOMIZED, OPEN-LABEL, ACTIVE-CONTROLLED, TRIAL TO EVALUATE THE SAFETY AND EFFICACY OF RIFAXIMIN 550 MG WITH AND WITHOUT LACTULOSE IN SUBJECTS WITH A HISTORY OF RECURRENT OVERT HEPATIC ENCEPHALOPATHY ("Study")	Salix Pharmaceuticals, Inc.

Printed 7/1/2014 6:00:09 AM Page 16 of 21

RNLC2131:A Randomized, Double-Blind, Placebo-Controlled, Dose-ranging, Multicenter Study to Assess the Efficacy and Safety of Rifaximin Soluble Solid Dispersion (SSD) Tablets For the Prevention of Complications in Subjects with early DECompensated Liver Cirrhosis	Salix Pharmaceuticals, Inc.
A prospective, Single-Arm, Clinical-Setting Study to Describe Efficacy, Tolerability and Convenience of Teriflunomide Treatment Using Patient Reported Outcomes (PROs) in Relapsing Multiple Sclerosis (RMS) Patients (TERI-PRO)	Sanofi US
A Randomize, Double-Blind, Placebo-Controlled, Multicenter Study Evaluating Efficacy & Safety of SAR339658 in Patients With Active Moderate to Severe Ulcerative Colitis (UC)	Sanofi US
A randomized, double-blind, placebo controlled, parallel group, multicenter study to evaluate the cardiovascular outcomes during treatment with lixisenatide as an add-on to standard of care treatment in type 2 diabetic patients after an acute coroinary syndromeProtocol# EFC11319 (LIXA STUDY) Subproject for Institution # PT102597	Sanofi US
A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of SAR236553/REGN727 on the Occurrence of Cardiovascular Events in Patients Who Have Recently Experienced an Acute Coronary Syndrome (ODYSSEY)	Sanofi US
An International, Multi-Center Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Two-Year Treatment with Teriflunomide 7 mg Once Daily and 14 mg, Once Daily, Versus Placebo in Patients with a clinical Episode Suggestive of Multiple Sclerosis Plus a Long-Term Extension Period Protocol #EFC6260Subproject for Institution # PT102597	Sanofi US
Master Agreement Sanofi US Services Inc.	Sanofi US
Randomized, double-blind, triple-dummy trial to compare the efficacy of Otamixaban with Unfractionated Heparin + Eptifibatide, in patients with Unstable angina/Non ST segment Subproject for Institution # PT102597	Sanofi US
A Phase II Double-blind, placebo-controlled study of two doses of EPA-E in patients with NASHProtocol# MCH-02-001	SC Liver Research Consortium, LLC.
Evaluation of the Beckman Coulter DxN HCV Viral Load Assay as an Aid in the Management of HCV-Infected Individuals Undergoing Antiviral TherapyProtocol #HCV-01-11Subproject for Institution #PT106001	SC Liver Research Consortium, LLC.
Master Agreement	SC Liver Research Consortium, LLC.
IMPROVE-ITProtocol #P0413	Schering
A Phase 2 Single-Arm, Open-Label Study of Single-Agent Brentuximab Vedotin for Front-Line Therapy of Hodgkin Lymphoma (HL) in Adults Age 60 and Above	Seattle Genetics
A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study of SGN-35 (Brentuximab Bedotin) and Best Suppotive Care (BSC) versus Placebo and BSC in the Treatment of Patients at High Risk of Residual Lymphoma (HL) Following Autologous Stem Cell Transplant (ASCT)	Seattle Genetics

Printed 7/1/2014 6:00:09 AM Page 17 of 21

A Randomized, Double-blind, Placebo-controlled, Phase 3 Study of Brentuximab Vedotin and VHP (A+CHP) versus CHOP in the Frontline Treatment of Patients with CD30-positive Mature T-cell Lymphomas: the ARROVEN Study	Seattle Genetics
An Open Label, Phase 2/3, Treatment Option Protocol of Brentuximab Vedotin in Patients with Progression of Hodgkin LymphomaProtocol# SGN35-010	Seattle Genetics
Master Agreement IS	Seattle Genetics
JL Note: 5 year term	
Master Agreement Effective date: November 15, 2012	
Master agreement is effective thru November 14, 2017.	
Phase 2 Study of Brentuximab Vedotin with RCHOP for Diffuse Large B-Cell Lymphoma (Protocol SGN35-017)	Seattle Genetics
SGN35-016 A Phase 1/2 Single-Arm, Open-Label Study to Evaluate the Safety and Efficacy of Brentuximab Vedotin in Combination with Bendamustine in Patients with Relapsed or Refractory Hodgkin Lymphoma (HL)	Seattle Genetics
SenoRx Contura Overnight Treatment Trial: Safety and Feasibility of Short-Course, Accelerated, Hypofractional Partial Breast Radiotherapy in Women wit early Stage Breast Cancer Using the Contura: A Phase II Trial Protocol# S09-001	SenoRx
Siemens Master Research Agreement	Siemens Medical Systems, Inc.
Master Agreement: Siemens Software Grant for VCU Engineering Education	Siemens PLM Software
Master Agreement CRB SSS-S-13-003178: Influenza Studies IRC003 and IRC004 Domestic Operation	Social & Scientific Systems, Inc.
Protocol IRC 003 entitled, "A Randomized Double-Blind Phase 2 Study Comparing the Efficacy, Safety, and Tolerability of Combination Antivirals (Amantadine, Ribavirin, Oseltamivir) versus Oseltamivir for the Treatment of Influenza	Social & Scientific Systems, Inc.
Protocol IRC 004: A Randomized Double Blind Study Comparing Oseltamivir vs Placebo for the Treatment of Influenza in Low Risk Adults CRB-SSS-S-13-003178	Social & Scientific Systems, Inc.
Task Order DCR IRC 003 - Influenza TrialSubproject for Institution # PT107104	Social & Scientific Systems, Inc.
Task Order DCR IRC 004 - Influenza TrialSubproject for Institution # PT107104	Social & Scientific Systems, Inc.
Evaluating the use of polymyxin B Hemoperfusion in a Randomized controlled trial of adults treated for endotoxemia and septic shockProtocol: SDI-PMX-NA001	Spectral Diagnostics Inc.
A Multicenter, Open Label Trail of Belinostat in Patients with Relapsed or Refractory Peripheral T-Cell LymphomaProtocol# PXD101-CLN-19	Spectrum Pharmaceuticals
MCC-12517: Phase I Study of Belinostat and Bortezomib in Replapsed of Refractory Acute Leukemia/Myelodysplastic Syndrome Protocol: MCC-12517	Spectrum Pharmaceuticals

Printed 7/1/2014 6:00:09 AM Page 18 of 21

A Prospective, Randomized, Controlled Multicenter Clinical Trial to Evaluate the Safety and Effectiveness of the IBV® Valve System for the Single-Lobe Treatment of Severe Emphysema	Spiration, Inc.
Engaging Teachers to Accelerate English Language Learner's Progress (ETAELLP)	State Council of Higher Education for Virginia
Subproject for Institution # PT109331	State Council of Higher Education for Virginia
C-Pulse System US IDE Study	Sunshine Heart Inc.
Evaluation of the Pharmacokinetics, Safety, and Tolerability of TPM XR as Adjunctive Therapy in Pediatric Subjects with EpilepsyProtocol #538P107	Supernus Pharmaceuticals, Inc.
RA-142: SynCardia Freedom Driver System Study	SynCardia Systems, Inc.
The SynCardia CardioWest temporary Total Artificial Heart (TAH-t) Postmarket Surveillance Study	SynCardia Systems, Inc.
Flail chest: Early operative fixation versus non-operative management - a prospective, randomized study	Synthes
Flail chest: Early operative fixation versus non-operative management - a prospective, randomized studySubproject for Institution # PT105329	Synthes
Construction of Biomechanical Model to Study Intubation and Mucus Aspiration	Teleflex Medical
A multinational, multicenter, randomized, parallel-group STUDY PERFORMED IN SUBJECTS WITH Relapsing-Remitting Multiple Sclerosis (RRMS) to assess the efficacy, safety and tolerability of Glatiramer Acetate (GA) injection 40 mg administered three times a week, compared to placebo in a double-blind design(Subproject for Institution # PT103086)Protocol# MS-GA-301	Teva Neurosciences, Inc.
Master Clinical Trial Agreement	Teva Neurosciences, Inc.
Driveline Silicone Skin Interface (SSI) Registry Protocol	Thoratec Corporation
Risk Assessment and Comparative Effectiveness of Left Ventricular Assist Device and Medical Management in Ambulatory Heart Failure PatientsProtocol #ROADMAP	Thoratec Corporation
Safety and Efficacy of Octreotide in Left Ventricular Assist Device (LVAD) Associated Gastrointestinal (GI) Bleeding-CSMS995AUS63T (NOVARTIS providing drug)	Thoratec Corporation
TH-CR-406/SARC021 - A Randomized Phase 3, Multicenter, Open-Label Study Comparing TH-302 in Combination with Doxorubicin vs. Doxorubicin Alone in Subjects with Locally Advanced Unresectable or Metastatic Soft Tissue Sarcoma	Threshold Pharmaceuticals
A Non-Interventional, Long-Term, Post Marketing registry of Patients Treated with CIMZIA for Crohns DiseaseProtocol #C87075	UCB BioSciences,Inc.
Protocol #SP0980 - Open Label Single-Arm, Explorative Study to Evaluate Tolerability and Efficacy of Locosamide When Added to Levetiracetam (VERVE)	UCB BioSciences,Inc.
The effect of rotigotine on motor symptoms in patients with advanced Parkinson's Disease with motor fluctuations and gastroparesis Phase 3B Study (SP1055 Study)	UCB BioSciences,Inc.
Treprostinil Improves Right Heart Function in Model of Severe Pulmonary Hypertension	United Therapeutics, Inc.
PVT Project - VCU; SOW Number PVT-TSK1	URS Corporation
Research & Engineering Services for Dept. of Energy's NETL	URS Corporation

Printed 7/1/2014 6:00:09 AM Page 19 of 21

Task 3 Quantifying complex fluid-phase properties at high pressure/high temperature Subproject for Institution # PT106172	URS Corporation
Task 4 - Equation of State Model Assessment and Development	URS Corporation
Task 5 - Quantifying Complex Fluid-Phase Properties at High Pressure/High Temperature (HTHP)	URS Corporation
Task 6 - Evaluate Heavy Oil Viscosity Standard	URS Corporation
Task Order 7 - Experimental Density Data for Hydrocarbon Mixtures at HTHP	URS Corporation
Sponsored Research Agreement	VacciGuard Ltd.
SRA 2	VacciGuard Ltd.
Master Varian Agreement	Varian Medical Systems
Project No. 1: Inhomogeneity corrections for low-energy seed brachytherapy. Subproject for Institution # PT105301	Varian Medical Systems
Project No. 2: Development of an EPID-based dose verification tool for adaptive radiotherapy QA. Subproject for Institution # PT105301	Varian Medical Systems
VMA - P6: Dose Reconstruction for MR-guided Intracavitary BrachySubproject for Institution # PT105301	Varian Medical Systems
LPC-Tacro tablets, once daily, compared to Prograf capsules, twice daily, in combination with Mycophenolate Mefetil for the prevention of acute allograft rejection in De Novo Adult Kidney Transplant Protocol LCP-3002	Veloxis Pharmaceuticals Inc
A Phase 2, Multicenter, Double-Blind, Placebo-Controlled, Multiple-Dose Study to Evaluate the Safety, Tolerability, Efficacy, Pharmacokinetics, and Pharmacodynamics of Lumacaftor Monotherapy, and Lumacaftor and Ivacaftor Combination Therapy in Subjects With Cystic Fibrosis, Homozygous or Heterozygous for the F508del-CFTR Mutation - Protocol No. VX09-809-102	Vertex Pharmaceuticals, Inc
A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of VX-770 in subjects Aged 12 Years and Older with Cystic Fibrosis who are Homozygous for the F508del-CFTR Mutation	Vertex Pharmaceuticals, Inc
VX11-770-108 Part B Study of Ivacaftor in Cystic Fibrosis Subjects 2 Through 5 Years of Age With a CTFR Gating Mutation	Vertex Pharmaceuticals, Inc
VX11-770-109 - A Phase 3, 2-Arm, Roll-Over Study to Evaluate the Long-term Safety and Pharmacodynamics of Ivacaftor Treatment in Pediatric Subjects With Cystic Fibrosis and a CFTR Gating Mutation	Vertex Pharmaceuticals, Inc
VX11-770-110 Efficacy and Safety of Ivacaftor in Subjects with Cystic Fibrosis Who Have the R117H-CFTR Mutation	Vertex Pharmaceuticals, Inc
VX11-950-115 Telaprevir in combination with Peginterferon Alfa-2a and Ribavirin in Subjects coinfected with Genotype 1 HCV and HIV-1	Vertex Pharmaceuticals, Inc
VX12-770-112 - A Phase 3, Two-Arm, Rollover Study to Evaluate the Safety of Long-Term Ivacaftpr Treatment in Subjects 6 Years of Age and Older with Cystic Fibrosis and a Non-G551D CFTR Mutation	Vertex Pharmaceuticals, Inc
VX12-809-104-Study of Lumacaftor in Combination w/ Ivacaftor in Cystic Fibrosis Subjects 12 Years and Older Who Are Homozygous for the F508del-CFTR Mutation (TRANSPORT)	Vertex Pharmaceuticals, Inc

Printed 7/1/2014 6:00:09 AM Page 20 of 21

VX12-809-105 - A Phase 3, Rollover Study to Evaluate the Safety and Efficacy of Long-term Treatment With Lumacaftor in Combination With Ivacaftor in Subjects Aged 12 Years and Older With Cystic Fibrosis, Homozygous or Heterozygous for the F508del-CFTR Mutation	Vertex Pharmaceuticals, Inc
Medicaid Patient-Centered Medical Home: Costs, Outcomes, and Challenges	Virginia Premier Health Plan, Inc.
A Phase 2, Randomized Study to Assess the Safety and Anti-cytomegalovirus (CMV) Activity of Different Doses of Maribavir for Treatment of CMV Infections That Are Resistant or Refractory to Treatment With Ganciclovir/Valganciclovir or Foscarnet in Transplant Recipients; Protocol No.1263-202	ViroPharma, Inc.
Laboratory Support of Biomarkers of Ischemia Waters Technologies Corporation Agreement	Waters Corporation
Outcomes AlloMap Registry (OAR) Study	XDx Incorporated
Hospital Wearable Defibrillator Inpatient Study	Zoll

Printed 7/1/2014 6:00:09 AM Page 21 of 21