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	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
1	NCT05532644	Correlation of P-glycoprotein Polymorphisms With Microbial Metabolites in Patients With Alzheimer's Disease on Medication Study Documents:	Title Acronym: Other Ids: MicroGeneAD	Not yet recruiting	Alzheimer Disease	Other: AD drugs AD drugs	Study Type: Observational Phase: Study Design: Observational Model: Case-Crossover Time Perspective: Prospective Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 135 Original Estimated Enrollment: *Same as current* Age: 50 Years to 85 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: September 2022 Primary Completion: December 2023 (Final data collection date for primary outcome measure) Study Completion: September 2024 First Posted: September 8, 2022 Results First Posted: Last Update Posted: September 8, 2022
2	NCT03065335	Neuropharmacologic Imaging and Biomarker Assessments of Response to Acute and Repeated-Dosed Ketamine Infusions in Major Depressive Disorder Study Documents:	Title Acronym: Other Ids: 170060 17-M-0060	Recruiting	• Healthy Volunteer • Major Depressive Disorder • Depression	• Drug: Ketamine N-methyl-D-aspartate (NMDA) glutamate receptor (NMDA-R) antagonist • Other: Placebo Placebo comparator • Device: Cobot TS MV robotic arm for TMS TMS-Cobot TS MV [Axilum Robotics] robotic arm for spatial positioning and orientation of the TMS coil • Device: NeurOptics PLRTM-30000 Pupillometer The Neu-rOptics PLRTM-3000 Pupillometer will use quantitative infrared technology to objectively and accurately measure pupil size and dynamics.	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: Randomized Intervention Model: Crossover Assignment Masking: Double (Participant, Investigator) Primary Purpose: Treatment Primary Outcome Measures: To demonstrate more robust neuropharmacodynamic effects measured by neuropharmacodynamic imaging (fMRI+EEG and MEG) of ketamine 0.5 mg/kg as compared to placebo administered over 40 minutes. [Time Frame: baseline; w/ drug] Secondary Outcome Measures: • To determine if increases in synaptic plasticity, using electrophysiological measures in response to TMS and in association with sleep (i.e. slow wave sleep EEG activity) are associated with better antidepressant response to 0.5 mg/kg [Time Frame: baseline and post-drug] • To demonstrate enhanced efficacy, as measured by the MADRS, of IV ketamine 0.5 mg/kg in participants with MDD using a psychophysiological technique (i.e. NPU-threat test). [Time Frame: baseline and post-drug] • To identify baseline peripheral measures associated with response to the administration of ketamine 0.5 mg/kg, as potential biomarkers of acute (24 hour) treatment response. [Time Frame: baseline and post-drug]	Actual Enrollment: Estimated Enrollment: 150 Original Estimated Enrollment: 100 Age: 18 Years to 65 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: May 25, 2017 Primary Completion: January 1, 2025 (Final data collection date for primary outcome measure) Study Completion: January 1, 2028 First Posted: February 27, 2017 Results First Posted: Last Update Posted: September 9, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
3	NCT03573349	Ketamine Associated ACC GABA and Glutamate Change and Depression Remission: Study Documents:	Title Acronym: Other Ids: 17-011373	Enrolling by invitation	• Major Depressive Disorder • Treatment Resistant Depression • Bipolar Depression	Drug: Ketamine We will enroll 20 adults (aged 18-65 years) with treatment-resistant depression and will provide two i.v. ketamine infusions (0.5 mg/kg, infused over 40 minutes) and measure their depressive symptom responses. Biomarkers will be developed using blood samples from study subjects, taken prior to (predictive biomarkers), and following ketamine treatment (change biomarkers). This will be an open-label feasibility trial.	Study Type: Interventional Phase: Early Phase 1 Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: Glutamate [Time Frame: 1 day] Evaluate change in central glutamate and peripheral glutamate with MRS after a single 40-minute infusion of i.v. racemic ketamine Secondary Outcome Measures: Mood [Time Frame: 1 day] Measure the change in depression symptoms using MADRS scale in participants with treatment-resistant major depression before receiving and 24 hours after the Ketamine infusion	Actual Enrollment: Estimated Enrollment: 20 Original Estimated Enrollment: 10 Age: 18 Years to 65 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: January 3, 2019 Primary Completion: December 2023 (Final data collection date for primary outcome measure) Study Completion: December 2023 First Posted: June 29, 2018 Results First Posted: Last Update Posted: September 14, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
4	NCT03492177	A Clinical Study of to Confirm the Doses of Selexipag in Children With Pulmonary Arterial Hypertension Study Documents:	Title Acronym: Other Ids: AC-065A203 2018-000145-39 (EudraCT Number) AC-065A203 (Other Identifier: Actelion)	Active, not recruiting	Pulmonary Arterial Hypertension	Drug: selexipag (Uptravi) Film-coated tablets for oral administration Other Names: • ACT-293987 • JNJ-67896049	Study Type: Interventional Phase: Phase 2 Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: Area under the plasma concentration-time curve over a dose interval at steady state of selexipag and ACT-333679 combined (AUC,ss, combined) [Time Frame: PK sampling at Week 1 (or Week 12) at pre-dose, 1, 2, 4, 6, 8, and 12 post-morning dose as well as Weeks 2, 4 and 6 (prior to morning dose)] The AUC,ss,combined is the sum of the selexipag and ACT-333679 exposures weighted by their potency ratio, and determined during the 12 weeks up-titration period. The model will describe the body weight dependence of dose-exposure relationship for pediatric PAH patients. Blood samples for pharmacokinetic analyses will be collected in the 3 age cohorts. Secondary Outcome Measures: • Area under the plasma concentration-time curve over a dose interval at steady state (AUC,ss) of selexipag [Time Frame: PK sampling at Week 1 (or Week 12) at pre-dose, 1, 2, 4, 6, 8, and 12 post-morning dose as well as Weeks 2, 4 and 6 (prior to morning dose)] The AUC,ss for selexipag is calculated by non compartmental analysis to determine the total exposure to selexipag over a dosing interval • Area under the plasma concentration-time curve over a dose interval at steady state (AUC,ss) of ACT-333679 [Time Frame: PK sampling at Week 1 (or Week 12) at pre-dose, 1, 2, 4, 6, 8, and 12 post-morning dose as well as Weeks 2, 4 and 6 (prior to morning dose)] The AUC,ss for ACT-333679 is calculated by non compartmental analysis to determine the total exposure to ACT-333679 over a dosing interval • Maximum observed plasma concentration (Cmax,ss) of selexipag at steady state [Time Frame: PK sampling at Week 1 (or Week 12) at pre-dose, 1, 2, 4, 6, 8, and 12 post-morning dose as well as Weeks 2, 4 and 6 (prior to morning dose)] Cmax,ss of selexipag is directly obtained from the selexipag concentrations measured in the blood samples collected after at least 3 days on the same dose in order to reach steady state • Maximum observed plasma concentration (Cmax,ss) of ACT-333679 at steady state [Time Frame: PK sampling at Week 1 (or Week 12) at pre-dose, 1, 2, 4, 6, 8, and 12 post-morning dose as well as Weeks 2, 4 and 6 (prior to morning dose)] Cmax,ss of ACT-333679 is directly obtained from the ACT-333679 concentrations measured in the blood samples collected after at least 3 days on the same dose in order to reach steady state • Time to the maximum observed plasma concentration (tmax,ss) of selexipag at steady state [Time Frame: PK sampling at Week 1 (or Week 12) at pre-dose, 1, 2, 4, 6, 8, and 12 post-morning dose as well as Weeks 2, 4 and 6 (prior to morning dose)] tmax,ss of selexipag is directly obtained from the selexipag concentrations measured in the blood samples collected after at least 3 days on the same dose in order to reach steady state • Time to the maximum observed plasma concentration (tmax,ss) of ACT-333679 at steady state [Time Frame:	Actual Enrollment: 63 Estimated Enrollment: Original Estimated Enrollment: 55 Age: 2 Years to 17 Years (Child) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: July 23, 2018 Primary Completion: April 18, 2022 (Final data collection date for primary outcome measure) Study Completion: December 9, 2026 First Posted: April 10, 2018 Results First Posted: Last Update Posted: September 14, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
5	NCT05480488	A Study to Examine the Effect of Daridorexant on the Way the Body Absorbs, Distributes, and Gets Rid of Midazolam and Warfarin in Healthy Male Subjects Study Documents:	Title Acronym: Other Ids: ID-078-126	Recruiting	Healthy	• Drug: Midazolam Subjects will receive a single oral dose of 2 mg midazolam (Treatment A, B, and C). • Drug: Warfarin Subjects will receive a single oral dose of 25 mg warfarin (Treatment A and B). • Drug: Daridorexant Subjects will receive an o.d. oral dose of 50 mg daridorexant from Day 1 to Day 7 of Treatment B and a single oral dose of 50 mg daridorexant on Day 1 of Treatment C.	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: N/A Intervention Model: Sequential Assignment Intervention Model Description: This is a prospective, open-label, fixed-sequence Phase 1 study. Masking: None (Open Label) Primary Purpose: Other Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 18 Original Estimated Enrollment: *Same as current* Age: 18 Years to 45 Years (Adult) Sex: Male	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: August 23, 2022 Primary Completion: September 15, 2022 (Final data collection date for primary outcome measure) Study Completion: September 15, 2022 First Posted: July 29, 2022 Results First Posted: Last Update Posted: September 13, 2022
6	NCT05537090	A Study to Assess Effect of BV100 on the Pharmacokinetics of Midazolam in Healthy Participants Study Documents:	Title Acronym: Other Ids: BV100-005	Recruiting	Healthy Volunteers	• Drug: BV100 Rifabutin for Infusion • Drug: Midazolam Syrup for oral administration	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: N/A Intervention Model: Sequential Assignment Intervention Model Description: This is an open-label, 3 period fixed-sequence, Phase 1 clinical study to evalu-ate the effect of multiple doses of BV100 on the Pharmacokinetics on midazo-lam and its metabolite 1-hydroxymidazolam in healthy volunteers. Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 16 Original Estimated Enrollment: *Same as current* Age: 18 Years to 55 Years (Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: CRU Hungary Kft	Study Start: September 1, 2022 Primary Completion: October 30, 2022 (Final data collection date for primary outcome measure) Study Completion: December 30, 2022 First Posted: September 13, 2022 Results First Posted: Last Update Posted: September 13, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
7	NCT05489744	Human Mass Balance and Biotransformation Study of [14C]Afuresertib Study Documents:	Title Acronym: Other Ids: LAE002CN1001	Recruiting	Healthy Volunteer	Drug: [14C]Afuresertib Suspension containing approximately 125 mg of Afuresertib (containing 150 µCi of [14C]Afuresertib) is administered orally on an empty stomach, with approximately 240 mL of water for suspending and drug taking. Other Name: [14C]LAE002	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Other Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 10 Original Estimated Enrollment: *Same as current* Age: 18 Years to 45 Years (Adult) Sex: Male	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: July 28, 2022 Primary Completion: March 2023 (Final data collection date for primary outcome measure) Study Completion: May 2023 First Posted: August 5, 2022 Results First Posted: Last Update Posted: September 13, 2022
8	NCT03414242	Investigation of Neurocognitive Measures of Sport-Related Injury Study Documents:	Title Acronym: Other Ids: 17-006025	Enrolling by invitation	Concussion, Brain	Other: Cervical spine musculature Previously established cervical spine musculature training methodology will be utilized to develop a concussion prevention training program.	Study Type: Interventional Phase: Not Applicable Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Screening Primary Outcome Measures: *Same as current* Secondary Outcome Measures: Not Provided	Actual Enrollment: Estimated Enrollment: 4000 Original Estimated Enrollment: *Same as current* Age: 12 Years to 30 Years (Child, Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: March 12, 2019 Primary Completion: December 2022 (Final data collection date for primary outcome measure) Study Completion: December 2022 First Posted: January 29, 2018 Results First Posted: Last Update Posted: September 10, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
9	NCT02932410	A Study to Assess Whether Macitentan Delays Disease Progression in Children With Pulmonary Arterial Hypertension (PAH) Study Documents:	Title Acronym: Other Ids: AC-055-312	Recruiting	Pulmonary Arterial Hypertension	• Drug: Macitentan Dispersible tablet; Oral use Other Name: ACT-064992 • Other: Standard-of-care Standard-of-care as per site's clinical practice which may comprise treatment with PAH non-specific treatment and/or up to two PAH-specific medications excluding macitentan and IV/SC prostanoids.	Study Type: Interventional Phase: Phase 3 Study Design: Allocation: Randomized Intervention Model: Parallel Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: Time to the first CEC-confirmed disease progression event [Time Frame: Between randomization and EOS/study closure; up to 6 years] Time to the first of the following CEC-confirmed disease progression events: • Death (all causes) • Atrial septostomy or Potts' anastomosis, or registration on lung transplant list • Hospitalization due to worsening PAH • Clinical worsening of PAH Secondary Outcome Measures: • Time to first CEC-confirmed hospitalization for PAH occurring between randomization and EOS [Time Frame: Between randomization and EOS/study closure; up to 6 years] • Time to CEC-confirmed death due to PAH occurring between randomization and EOS [Time Frame: Between randomization and EOS/study closure; up to 6 years] • Time to death (all causes) occurring between randomization and Study Closure [Time Frame: Between randomization and EOS/study closure; up to 6 years]	Actual Enrollment: Estimated Enrollment: 300 Original Estimated Enrollment: *Same as current* Age: 1 Month to 17 Years (Child) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: October 24, 2017 Primary Completion: February 29, 2024 (Final data collection date for primary outcome measure) Study Completion: February 29, 2024 First Posted: October 13, 2016 Results First Posted: Last Update Posted: September 14, 2022
10	NCT03218761	POTS NET mRNA Functional Correlation With NET Activity Study Documents:	Title Acronym: Other Ids: IRB#170714	Enrolling by invitation	Postural Tachycardia Syndrome	• Diagnostic Test: NET mRNA level quantification of mRNA to the Norepinephrine Transporter (NET) • Diagnostic Test: Plasma catechols plasma for assay of norepinephrine (NE), DHPG (intraneuronal metabolite of NE), and other catechols • Diagnostic Test: Urine Catechols urine for assay of norepinephrine (NE), DHPG (intraneuronal metabolite of NE), and other catechols	Study Type: Observational [Patient Registry] Phase: Study Design: Observational Model: Cohort Time Perspective: Prospective Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 200 Original Estimated Enrollment: *Same as current* Age: 13 Years to 80 Years (Child, Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: • National Institute of Neurological Disorders and Stroke (NINDS) • University of Calgary • Dysautonomia International	Study Start: July 14, 2017 Primary Completion: December 31, 2025 (Final data collection date for primary outcome measure) Study Completion: December 31, 2025 First Posted: July 17, 2017 Results First Posted: Last Update Posted: September 14, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
11	NCT05414409	The Gut Microbiome in Type 1 Diabetes and Mechanism of Metformin Action Study Documents:	Title Acronym: Other Ids: 15498	Not yet recruiting	• Type 1 Diabetes • Obesity	Drug: Metformin Metformin is an oral medication that improves insulin sensitivity.	Study Type: Interventional Phase: Phase 3 Study Design: Allocation: Non-Randomized Intervention Model: Sequential Assignment Intervention Model Description: The investigators will examine the differences in the gut microbiome between lean and obese youth with type 1 diabetes and then enroll the obese youth with type 1 diabetes into the clinical trial to receive metformin as an intervention. Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 114 Original Estimated Enrollment: *Same as current* Age: 11 Years to 18 Years (Child, Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: October 2022 Primary Completion: August 2025 (Final data collection date for primary outcome measure) Study Completion: August 2026 First Posted: June 10, 2022 Results First Posted: Last Update Posted: September 9, 2022
12	NCT05199610	An Open-Label, Single-Dose, Parallel-Group Study of the Pharmacokinetics and Safety of EQ143 Study Documents:	Title Acronym: Other Ids: EQ143-102	Recruiting	Severe Hepatic Impairment	Drug: aumolertinib A single dose of 55-mg EQ143 tablet will be administered in the morning on Day 1, and participants will remain for 5 days (4 nights) in the study center for collection of blood samples and safety monitoring. Participants will attend outpatient follow-up visits on Days 5, 6, 8, and 9 for additional blood sampling and safety assessments. Other Name: HS-10296	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 12 Original Estimated Enrollment: *Same as current* Age: 18 Years to 75 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: March 22, 2022 Primary Completion: December 2022 (Final data collection date for primary outcome measure) Study Completion: December 2022 First Posted: January 20, 2022 Results First Posted: Last Update Posted: September 13, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
13	NCT04448392	Valacyclovir in Neonatal Herpes Simplex Virus Disease Study Documents:	Title Acronym: Other Ids: 300005567	Recruiting	Neonatal Herpes Simplex Infection	Drug: Valacyclovir Upon completion of standard of care acyclovir for treatment of neonatal HSV disease, valacyclovir oral suspension (per ASHP recipe), 20 mg/kg every 8 hours, to be given for 2 (up to 7) days	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Other Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 10 Original Estimated Enrollment: *Same as current* Age: 2 Weeks to 12 Weeks (Child) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: July 1, 2021 Primary Completion: October 2025 (Final data collection date for primary outcome measure) Study Completion: November 2025 First Posted: June 25, 2020 Results First Posted: Last Update Posted: September 13, 2022
14	NCT05515588	A Study in Healthy Men to Test How BI 690517 is Taken up and Handled by the Body Study Documents:	Title Acronym: Other Ids: 1378-0013 2022-001818-18 (EudraCT Number)	Not yet recruiting	Healthy	• Drug: BI 690517 (C-14) BI 690517 (C-14) • Drug: BI 690517 BI 690517	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: Non-Randomized Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 14 Original Estimated Enrollment: *Same as current* Age: 18 Years to 55 Years (Adult) Sex: Male	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: September 21, 2022 Primary Completion: November 8, 2022 (Final data collection date for primary outcome measure) Study Completion: November 8, 2022 First Posted: August 25, 2022 Results First Posted: Last Update Posted: September 8, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
15	NCT03370991	Blueberries for Improving Vascular Endothelial Function in Postmenopausal Women With Elevated Blood Pressure Study Documents:	Title Acronym: Other Ids: 1255927	Completed	• Menopause • Elevated Blood Pressure • Hypertension • Endothelial Dysfunction	• Dietary Supplement: Blueberry Powder 22 g/day freeze-dried blueberry powder for 12 weeks • Dietary Supplement: Placebo Powder 22 g/day placebo powder for 12 weeks	Study Type: Interventional Phase: Not Applicable Study Design: Allocation: Randomized Intervention Model: Parallel Assignment Masking: Triple (Participant, Investigator, Outcomes Assessor) Primary Purpose: Treatment Primary Outcome Measures: • Endothelium-dependent dilation [Time Frame: Baseline] Assessed as brachial artery flow-mediated dilation • Endothelium-dependent dilation [Time Frame: 12 weeks] Assessed as brachial artery flow-mediated dilation • Endothelium-independent dilation [Time Frame: Baseline] Assessed as brachial artery diameter responses to sublingual nitroglycerin • Endothelium-independent dilation [Time Frame: 12 weeks] Assessed as brachial artery diameter responses to sublingual nitroglycerin Secondary Outcome Measures: • Vascular oxidative stress [Time Frame: Baseline and 12 weeks] Change in brachial artery flow-mediated dilation following acute infusion of ascorbic acid (a dose known to scavenge superoxide) as an index of vascular oxidative stress • Endothelial cell nitric oxide production, oxidative stress, and inflammation [Time Frame: Baseline and 12 weeks] Protein expression markers will be measured by quantitative immunofluorescence in biopsied venous endothelial cells • Systemic markers of cardiometabolic health [Time Frame: Baseline and 12 weeks] Circulating markers of lipid and glucose metabolism, nitric oxide, and inflammation • Plasma blueberry polyphenol metabolites [Time Frame: Baseline and 12 weeks] Targeted analysis of plasma metabolites by GC-MS and LC-MS • Peripheral blood mononuclear cell inflammation and oxidative stress [Time Frame: Baseline and 12 weeks] Exploratory measures analyzed by flow cytometry • Episodic memory [Time Frame: Baseline and 12 weeks] Exploratory measures assessed using the NIH Cognitive Toolbox iPad app • Executive function and attention [Time Frame: Baseline and 12 weeks] Exploratory measures assessed using the NIH Cognitive Toolbox iPad app • Working memory [Time Frame: Baseline and 12 weeks] Exploratory measures assessed using the NIH Cognitive Toolbox iPad app • Language [Time Frame: Baseline and 12 weeks] Exploratory measures assessed using the NIH Cognitive Toolbox iPad app • Processing speed [Time Frame: Baseline and 12 weeks]	Actual Enrollment: 43 Estimated Enrollment: Original Estimated Enrollment: 58 Age: 45 Years to 65 Years (Adult, Older Adult) Sex: Female	Study Sponsors: *Same as current* Collaborators: U.S. Highbush Blueberry Council	Study Start: December 2, 2017 Primary Completion: September 30, 2021 (Final data collection date for primary outcome measure) Study Completion: September 30, 2021 First Posted: December 13, 2017 Results First Posted: Last Update Posted: September 14, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
16	NCT05365451	Pharmacokinetic Drug-Drug Interaction Study to Identify Biomarkers of Kidney Transporters Study Documents:	Title Acronym: Other Ids: 19163 R01HD081299 (U.S. NIH Grant/Contract)	Recruiting	• Interaction • Endogenous Biomarkers	• Drug: MetFORMIN Oral Solution liquid Other Name: Riomet • Drug: Cimetidine 400 MG tablet Other Name: Tagamet • Drug: Furosemide Oral Liquid Product oral solution Other Name: Lasix • Drug: Probenecid 500 MG tablet Other Name: Probalan	Study Type: Interventional Phase: Early Phase 1 Study Design: Allocation: Non-Randomized Intervention Model: Crossover Assignment Masking: None (Open Label) Primary Purpose: Basic Science Primary Outcome Measures: *Same as current* Secondary Outcome Measures: Not Provided	Actual Enrollment: Estimated Enrollment: 32 Original Estimated Enrollment: *Same as current* Age: 18 Years to 65 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: • Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) • National Institutes of Health (NIH)	Study Start: April 11, 2022 Primary Completion: June 30, 2023 (Final data collection date for primary outcome measure) Study Completion: June 30, 2024 First Posted: May 9, 2022 Results First Posted: Last Update Posted: September 14, 2022
17	NCT00078078	Clinical and Laboratory Study of Methylmalonic Acidemia Study Documents:	Title Acronym: Other Ids: 040127 04-HG-0127	Recruiting	• Organic Acidemia • Methylmalonic Acidemia • Inborn Errors of Metabolism	Not Provided	Study Type: Observational Phase: Study Design: Observational Model: Cohort Time Perspective: Prospective Primary Outcome Measures: Not Provided Secondary Outcome Measures: Not Provided	Actual Enrollment: Estimated Enrollment: 2275 Original Estimated Enrollment: Age: 1 Month and older (Child, Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: June 7, 2004 Primary Completion: Not Provided Study Completion: Not Provided First Posted: February 19, 2004 Results First Posted: Last Update Posted: September 8, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
18	NCT05386758	A Study to Evaluate Molnupiravir (MK-4482; MOV) in Participants With Severe Renal Impairment (MK-4482-003) Study Documents:	Title Acronym: Other Ids: 4482-003 MK-4482-003 (Other Identifier: Merck)	Recruiting	Renal Impairment	Drug: Molnupiravir Four 200 mg capsules administered orally as a single dose Other Name: MK-4482; MOV; EIDD-2801	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: Non-Randomized Intervention Model: Parallel Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 18 Original Estimated Enrollment: *Same as current* Age: 18 Years to 75 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: June 29, 2022 Primary Completion: November 7, 2022 (Final data collection date for primary outcome measure) Study Completion: November 18, 2022 First Posted: May 23, 2022 Results First Posted: Last Update Posted: September 10, 2022
19	NCT04540744	A Study of Macitentan/Tadalafil Combination Administered a Fixed-dose Combination Formulation Compared to the Reference Free Combination of Macitentan and Tadalafil Study Documents:	Title Acronym: Other Ids: CR108794 2020-000566-42 (EudraCT Number) 67896062PAH1001 (Other Identifier: Janssen Research & Development, LLC)	Completed	Healthy	• Drug: FDC of macitentan/tadalafil (10 mg/20 mg) FDC of macitentan/tadalafil (10 mg/20 mg) tablet will be administered orally as per assigned treatment sequence. Other Names: ○ Opsumit ○ Adcirca • Drug: Macitentan 10 mg Macitentan 10 mg tablet will be administered orally as a free combination as per assigned treatment sequence. Other Name: Opsumit • Drug: Tadalafil 20 mg Tadalafil 20 mg tablet will be administered orally as a free combination as per assigned treatment sequence. Other Name: Adcirca	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: Randomized Intervention Model: Crossover Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: 18 Estimated Enrollment: Original Estimated Enrollment: *Same as current* Age: 18 Years to 55 Years (Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: April 30, 2021 Primary Completion: August 8, 2021 (Final data collection date for primary outcome measure) Study Completion: August 30, 2021 First Posted: September 7, 2020 Results First Posted: Last Update Posted: September 14, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
20	NCT03900286	Low Energy Diet and Familial Partial Lipodystrophy Study Documents:	Title Acronym: Other Ids: A095183	Recruiting	• Lipodystrophy • Diabetes • Diet Modification	Dietary Supplement: Total Dietary Replacement Total Dietary Replacement	Study Type: Interventional Phase: Not Applicable Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: • A change from baseline in HbA1c [Time Frame: 1 year] mmol/mol • A change from baseline in fasting glucose [Time Frame: 12 weeks, 1 year] mmol/l • A change from baseline in triglycerides [Time Frame: 12 weeks, 1 year] mmol/l • A change from baseline in liver fat [Time Frame: 12 weeks, 1 year] % liver fat on MRI • A change from baseline in pancreatic fat [Time Frame: 12 weeks, 1 year] % pancreatic fat on MRI • A change from baseline in insulin sensitivity [Time Frame: 12 weeks, 1 year] Insulin pmol/l values during oral glucose tolerance test • A change from baseline in quality of life scores [Time Frame: 12 weeks, 1 year] Change in scores of EQ-5D-3LQOL from baseline. • A change from baseline in anxiety scores [Time Frame: 12 weeks, 1 year] Change in scores of GAD7 from baseline. • A change from baseline in depression scores [Time Frame: 12 weeks, 1 year] Change in scores of PHQ9, from baseline. • A change from baseline in antidiabetic medication use [Time Frame: 12 weeks, 1 year] A change in the amount of antidiabetic drugs taken and/or a change in dose.	Actual Enrollment: Estimated Enrollment: 20 Original Estimated Enrollment: *Same as current* Age: 18 Years to 99 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: January 16, 2020 Primary Completion: April 2023 (Final data collection date for primary outcome measure) Study Completion: May 2023 First Posted: April 3, 2019 Results First Posted: Last Update Posted: September 8, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
21	NCT04791969	Intermittent Oral Naltrexone Enhanced With an Ecological Momentary Intervention for Methamphetamine-using MSM Study Documents:	Title Acronym: Other Ids: 20-32912 DA053171-01A1 (Other Grant/Funding Number: National Institute on Drug Abuse (NIDA))	Recruiting	Methamphetamine Use Disorder	• Drug: Naltrexone Hydrochloride Intermittent Oral Naltrexone, 50 mg Other Name: ReVia • Drug: Placebo Intermittent Oral Placebo • Behavioral: Ecological Momentary Intervention Receive ecological momentary intervention if ecological momentary assessment reports meth craving, stress, not taking study drug, or antecedents detected for "high risk" meth use. Other Name: EMI	Study Type: Interventional Phase: Phase 2 Study Design: Allocation: Randomized Intervention Model: Parallel Assignment Intervention Model Description: 2:1 Naltrexone with EMI vs. Placebo with EMI Masking: Triple (Participant, Care Provider, Investigator) Masking Description: Double-blind, placebo controlled 2b clinical trial Primary Purpose: Treatment Primary Outcome Measures: Mean Change in meth-positive sweat patches from baseline to week 12 between Intermittent Oral Naltrexone vs. placebo groups [Time Frame: Every two weeks from enrollment to the end of treatment at 12 weeks] As measured by the proportion of meth-positive sweat patch tests. Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 54 Original Estimated Enrollment: 150 Age: 18 Years to 70 Years (Adult, Older Adult) Sex: Male	Study Sponsors: University of California, San Francisco Collaborators: National Institute on Drug Abuse (NIDA)	Study Start: December 14, 2021 Primary Completion: April 1, 2024 (Final data collection date for primary outcome measure) Study Completion: July 1, 2024 First Posted: March 10, 2021 Results First Posted: Last Update Posted: September 9, 2022
22	NCT05490888	Single Dose Escalation of PHIN-214 in Child-Pugh A and B Liver Cirrhotics Study Documents:	Title Acronym: Other Ids: PHIN-001	Recruiting	• Cirrhosis, Liver • Liver Fibrosis • Ascites Hepatic	Drug: PHIN-214 Subcutaneous injection Single subcutaneous injection with PHIN-214 terlipressin derivative, single ascending dose Other Name: Terlipressin derivative	Study Type: Interventional Phase: Phase 1 Study Design: Allocation: N/A Intervention Model: Sequential Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 13 Original Estimated Enrollment: *Same as current* Age: 18 Years to 70 Years (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: January 3, 2022 Primary Completion: December 31, 2022 (Final data collection date for primary outcome measure) Study Completion: February 28, 2023 First Posted: August 8, 2022 Results First Posted: Last Update Posted: September 13, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
23	NCT03927391	Effect of a Reduced Dose Enzalutamide in Frail (m)CRPC Patients on Cognitive Side Effects Study Documents:	Title Acronym: Other Ids: REDOSE	Recruiting	Prostatic Neoplasms, Castration-Resistant	Drug: Enzalutamide enzalutamide treatment	Study Type: Interventional Phase: Phase 4 Study Design: Allocation: Randomized Intervention Model: Parallel Assignment Intervention Model Description: Normal enzalutamide dose versus reduced dose in two patient groups Masking: Single (Outcomes Assessor) Masking Description: Outcome assessor does not know the treatment arm Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: *Same as current*	Actual Enrollment: Estimated Enrollment: 50 Original Estimated Enrollment: *Same as current* Age: 18 Years and older (Adult, Older Adult) Sex: Male	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: May 30, 2019 Primary Completion: March 1, 2023 (Final data collection date for primary outcome measure) Study Completion: March 1, 2023 First Posted: April 25, 2019 Results First Posted: Last Update Posted: September 10, 2022
24	NCT00687765	Study of the Poly (ADP-ribose) Polymerase-1 (PARP-1) Inhibitor BSI-201 in Patients With Newly Diagnosed Malignant Glioma Study Documents:	Title Acronym: Other Ids: TCD11616 20070104 (Other Identifier: BiPar)	Completed	Glioblastoma	Drug: bsi-201 plus temozolomide BSI-201 given iv. 2x weekly, temozolomide given orally	Study Type: Interventional Phase: Phase 1 Phase 2 Study Design: Allocation: N/A Intervention Model: Single Group Assignment Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: *Same as current* Secondary Outcome Measures: Not Provided	Actual Enrollment: 126 Estimated Enrollment: Original Estimated Enrollment: 100 Age: 18 Years and older (Adult, Older Adult) Sex: All	Study Sponsors: BiPar Sciences Collaborators: Not Provided	Study Start: July 2008 Primary Completion: June 2015 (Final data collection date for primary outcome measure) Study Completion: June 2015 First Posted: June 2, 2008 Results First Posted: Last Update Posted: September 14, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
25	NCT04852120	Compound Sodium Picosulfate Granules for Bowel Preparation in Chinese Population Study Documents:	Title Acronym: Other Ids: 000373	Recruiting	Bowel Cleansing	Other: No intervention Compound Sodium Picosulfate Granules administered by the patient prior to X-ray examination, endoscopy or surgery when judged clinically necessary in accordance to usual practice consistent with the local prescribing information.	Study Type: Observational Phase: Study Design: Observational Model: Cohort Time Perspective: Prospective Primary Outcome Measures: • Incidence and seriousness of known and unexpected adverse events (AEs)/adverse drug reactions (ADRs) [Time Frame: Up to 37(+2) hours after drug administration] • Incidence, seriousness and relatedness of adverse events of special interest (AESIs) [Time Frame: Up to 37(+2) hours after drug administration] • Incidence of serious adverse events (SAEs)/serious adverse drug reactions (SADRs) [Time Frame: Up to 37(+2) hours after drug administration] • Patients with risk factors for known AEs/ADRs, unexpected AEs/ADRs, AESI, and SAEs/SADRs [Time Frame: Up to 37(+2) hours after drug administration] Number of patients with relevant risk factors for known AEs/ADRs, unexpected AEs/ADRs, AESI, and SAEs/SADRs will be presented. Secondary Outcome Measures: • Number of patients with compliance to drug administration and liquid intake [Time Frame: On Day 1, at time of drug administration] Number of patients with compliance to drug administration and liquid intake will be reported. Non-compliance of drug administration was defined per label as having taken a total amount of medication less than 1.5 sachets. Non-compliance of liquid intake defined per label as having taken less than 5 cups of clear liquid (250mL per cup after the first dose or less than 3 cups of clear liquid (250mL per cup) after the second dose. • Percentage of patients with compliance to drug administration and liquid intake [Time Frame: On Day 1, at time of drug administration] Percentage of patients with compliance to drug administration and liquid intake will be reported. Non-compliance of drug administration was defined per label as having taken a total amount of medication less than 1.5 sachets. Non-compliance of liquid intake defined per label as having taken less than 5 cups of clear liquid (250mL per cup after the first dose or less than 3 cups of clear liquid (250mL per cup) after the second dose. • Patient drug satisfaction [Time Frame: Up to 37(+2) hours after drug administration] A self-satisfaction evaluation will be collected on the electronic Patient Reported Outcomes (ePRO) database: ease of consuming, cleansing level of the colon as reaching the clear yellow liquid poop stage, overall experience as well as willingness and acceptance to use for future bowel preparation. • Number of patients with risk factors associated with drug use, package and distribution [Time Frame: Up to 37(+2) hours after drug administration] This information or any risk will be collected in ePRO database (adverse event part). This information will be sent to Pharmacovigilance department for assessment. • Percentage of patients with risk factors associated with drug use, package and distribution [Time Frame: Up to 37(+2) hours after drug administration] This information or any risk will be collected in ePRO database (adverse event part). This information will be	Actual Enrollment: Estimated Enrollment: 3000 Original Estimated Enrollment: *Same as current* Age: Child, Adult, Older Adult Sex: All	Study Sponsors: *Same as current* Collaborators: DeltaMed	Study Start: September 14, 2021 Primary Completion: December 2022 (Final data collection date for primary outcome measure) Study Completion: December 2022 First Posted: April 21, 2021 Results First Posted: Last Update Posted: September 9, 2022

	NCT Number	Title	Other Names	Status	Conditions	Interventions	Characteristics	Population	Sponsor/Collaborators	Dates
26	NCT04613596	Phase 2 Trial of MRTX849 Monotherapy and in Combination With Pembrolizumab for NSCLC With KRAS G12C Mutation KRYSTAL-7 Study Documents:	Title Acronym: Other Ids: 849-007	Recruiting	• Advanced Non-Small Cell Lung Cancer • Metastatic Non-Small Cell Lung Cancer	• Drug: MRTX849 Monotherapy MRTX849 Inhibitor will be administered orally twice daily in a continuous regimen (Cohort 1b). Other Name: Adagrasib • Drug: MRTX849 in Combination with Pembrolizumab MRTX849 Inhibitor will be administered orally twice daily in a continuous regimen. Pembrolizumab is administered as an intravenous infusion once every 3 weeks (Cohort 2). Other Name: Adagrasib • Drug: MRTX849 in Combination with Pembrolizumab MRTX849 Inhibitor will be administered orally twice daily in a continuous regimen. Pembrolizumab is administered as an intravenous infusion once every 3 weeks (Cohort 1a). Other Name: Adagrasib	Study Type: Interventional Phase: Phase 2 Study Design: Allocation: Randomized Intervention Model: Sequential Assignment Intervention Model Description: MRTX849 Monotherapy and in Combination with Pembrolizumab Masking: None (Open Label) Primary Purpose: Treatment Primary Outcome Measures: Evaluate the clinical activity of MRTX849 in combination with pembrolizumab [Time Frame: 11 months] Objective Response Rate (ORR) RECIST 1.1 Secondary Outcome Measures: • To characterize the safety and tolerability of the combination regimen in the selected population. [Time Frame: 11 months] • Safety characterized by type, incidence, severity, timing, seriousness and relationship to study treatment of adverse events and laboratory abnormalities. • Duration of Response (DOR) [Time Frame: 11 months] MRTX849 in combination with pembrolizumab	Actual Enrollment: Estimated Enrollment: 250 Original Estimated Enrollment: 120 Age: 18 Years and older (Adult, Older Adult) Sex: All	Study Sponsors: *Same as current* Collaborators: Not Provided	Study Start: December 2, 2020 Primary Completion: October 30, 2023 (Final data collection date for primary outcome measure) Study Completion: November 30, 2024 First Posted: November 3, 2020 Results First Posted: Last Update Posted: September 8, 2022