HINGE	Corporate	Integrity Agreement (C	IA) - June 2023		nitments/Requirements		
Generic Name dalimumab-atto	Trade Name AMJEVITA	Application Number 761024	Commitment Date 23-Sep-2016	PMC/PMR Identifier US PMR 3125-1	Description of Commitment/Requirement Assessment of Amjevita (adalimumab-atto) for the treatment of Polyarticular juvenile idiopathic arthritis (pJIA) in patients 2 years	Current Status Fulfilled	Explanation of Status
adalimumab-atto	AMJEVITA	761024	23-Sep-2016	US PMR 3125-2	to less than 4 years of age. Assessment of Amjevita (adalimumab-atto) for the treatment of pediatric Crohn's disease in pediatric patients 6 years to 17 years	Fulfilled	
adalimumah-atto	AMJEVITA	761024	23-Sep-2016	US PMR 3125-2	of age.		
adalimumab-atto	AMJEVIIA	761024	23-Sep-2016	US PMR 3125-3	Assessment of Amjevita (adalimumab-atto) for the treatment of pediatric ulcerative colitis in pediatric patients 5 years to 17 years of age.	Ungoing	Amgen has requested and received a deferral of assessment of UC in patients 5 years of age and older, currently approved for Humira, until expiration of Humira orphan exclusivity on 24 February 2028.
							Amgen will propose extrapolation to this age group based on information reflected in the Humira prescribing information combined with a scientific justification for extrapolating the pediatric information upon expiration of above exclusivity.
							оппания и в выстано разницают от саперанану не резидне полнавой прои саришной от вого сассовну.
adalimumab-atto	AMJEVITA	761024	23-Sep-2016	US PMR 3125-4	Develop a presentation that can be used to accurately administer Amjevita adalimumab-atto) to pediatric patients who weigh less than 15 kg.		
apremilast	OTEZLA	205437	21-Mar-2014	US PMR 2135-1	Conduct a prospective, observational, controlled, pregnancy exposure registry study to monitor pregnancies exposed to apremiliast with the primary objective to evaluate whether there is any increase in the risk of birth defects.	Delayed	The study completion and final report submission milestones are delayed due challenges with enrollment. On 12 April 2022, the FDA issued correspondence indicating that Amgen has good cause for not complying with the original PMR milestone dates brust study completion and final report submission and acknowledged Amgen's revised milestone dates (Study Completion, 6/2026;
							study completion and final report submission and acknowledged Amgen's revised milestone dates (Study Completion: 6/2026; Final Report Submission: 3/2027).
apremilast	OTEZLA	205437	23-Sep-2014	US PMR 2791-1	Conduct a dose finding, pharmacokinetics and safety trial in subjects with moderate to severe plaque psoriasis between the ages	Fulfilled	
					of 6 to 17 years.		
apremilast	OTEZLA	205437	23-Sep-2014	US PMR 2791-2	Conduct a safety and efficacy trial in pediatric subjects with moderate to severe plaque psoriasis between the ages of 6 to 17	Fulfilled	
					years.		
apremilast	OTEZLA	205437	20-Dec-2021	US PMR 4207-1	Conduct a Phase 3, multicenter, open-label study to assess the safety of apremilast in approximately 50 pediatric subjects (6	Ongoing	First clinical site was activated on 28 August 2023.
иргенниос	O'LLES!	200407	20 202 2021	0011111142071	through 17 years of age, inclusive) with mild-to-moderate plaque psoriasis.	Origonia	First subject was screened on 27 September 2023. First subject was enrolled on 24 October 2023.
					ago, industro) mar ma lo moderate praque postazio.		This dauges was unlocal on 24 october 2020.
blinatumomab	BLINCYTO	125557/0000	03-Dec-2014	US PMR 2836-01	Complete the trial and submit the final report and data to verify and describe the clinical benefit of blinatumomab, including	Fulfilled	
					efficacy and safety from Protocol 00103311, a Phase 3 randomized, open-label, active-controlled trial comparing blinatumomab to standard of care for treatment of patients with relapsed or refractory Ph-negative B-cell precursor acute lymphoblastic leukemia (ALL). Enrollment of approximately 400 patients is expected, and the primary endopoint is overall survival.		
					(NEE). Enterment of approximately 400 patients is expected, and the primary endpoint is order survival.		
blinatumomab	BLINCYTO	125557/008	11-Jul-2017	US PMR 3230-1			
binatumomab	BLINCYTO	125557/008	11-Jul-2017	US PMR 3230-1	Characterize the impact, if any, of administration of blinatumomab as salvage therapy prior to allogeneic hematopoietic stem cell transplantation (HSCT) on early safety outcomes after HSCT as compared to standard of care (SOC) chemotherapy. Conduct an	Ungoing	
					analysis of registry data (for example the Center for International Blood and Marrow Transplantation Research registry) to determine whether or not prior treatment with blinatumomab increases the risk of day-100 mortality or acute graft-versus-host disease as compared to SOC chemotherapy.		
					assesse as compared to SOC chemomerapy.		
blinatumomab	BLINCYTO	125557/008	11-Jul-2017	US PMR 3230-2	Submit the final report and datasets for trial 00103311 (TOWER), a randomized trial of blinatumomab versus standard of care	Fulfilled	
					chemotherapy in patients with relapsed or refractory Philadelphia-negative acute lymphoblastic leukemia. Include final overall survival data, updated safety data, and quality of life data.		
blinatumomab	BLINCYTO	125557/008	11-Jul-2017	US PMR 3230-3	Submit the final report and datasets for trial 20120216 (ALCANTARA), a single arm trial of blinatumomab in patients with relaced or refractory Philadelphia positive acute lymphoblastic leukemia. Include final overall survival data, final relaces free	Fulfilled	
					survival, response rates, and safety data.		
blinatumomab	BLINCYTO	125557/013	29-Mar-2018	US PMR 3366-1	Complete a randomized trial and submit the final study report and data sets to verify and describe the clinical benefit of blinatumomab in adults with acute lymphoblastic leukemia in morphologic complete remission with detectable minimal residual	Released	FDA released this requirement on 20 June 2023 as it is no longer needed because the requirement was met with fulfillment of PMR 3366-2
					disease, including efficacy and safety from protocol E1910: Combination chemotherapy with or without blinatumomab in treating patients with newly-diagnosed BCR-ABL-negative B lineage acute lymphoblastic leukemia. Randomization of approximately 280		
					newly diagnosed patients is expected, and the primary endpoint is overall survival.		
blinatumomab	BLINCYTO	125557/013	29-Mar-2018	US PMR 3366-2	Complete a randomized trial and submit the final study report and data sets to verify and describe the clinical benefit of blinatumomab in pediatric patients in morphologic complete remission with detectable minimal residual disease, including efficacy and safety from protocol AALL1331: Risk-stratified Phase III testing of blinatumomab in first relapse of childhood B-	Fulfilled	This requirement was fulfilled with the FDA approval of the S-023 supplement on 20 June 2023, which converted the MRD+ indication from accelerated approval to regular approval.
					lymphoblastic leukemia (B-ALL). Enrollment of approximately 598 patients is expected. The primary endpoint is disease-free		
					survival.		
carfilzomib	Kyprolis	202714/0000	20-Jul-2012	US PMR 1908-1	Conduct a randomized controlled trial per Protocol PX-171-009, as finalized, to compare cartilzomib-lenalidomide	Fulfilled	
					dexamethasone with lenalidomide dexamethasone in a population of patients with myeloma, whose disease has relapsed after previous response to at least one but not more than three prior therapies, to assess efficacy and safety. Patients' disease is		
					required to show evidence of progression after prior therapy. The trial includes 792 patients. The randomization will balance known important prognostic factors. The goal of the trial is to evaluate the primary endpoint of progression-free survival (PFS) for		
					the carfilzomib-containing arm, as determined by an independent review committee blinded to the treatment given.		
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And the control of th								
Appeirs 2011-0000 D. Appeirs 2	carfilzorr	lo Kyprolis	202714/0000	20-Jul 2012	US PMR 1906-2	The main tell protocol (2011-10-33) must require a baseline resting ECO and transforacise ECHO to assess left wortfocular (LV) function and a plateins it transforace ECHO is not sealable at some alless, LVIGA with the acceptable for baselines screening LVEF evaluation. For the cardiac sub-trial, a subset of patients from the main trial will be assessed for LV and right ventricular (RV) function with transforance ECHO or MIXAO for those sets using MIXAO a baseline periodically froursplott trial treatment and at the time of the End-of-Treatment visit, using similar test procedures and equipment to allow serial intra-patient comparisons. This cardiace sub-trial must include a minimum of 100 patients and aminimum of 300 patients total (St to 150 patients per treatment arm). Specific details regarding the interpretation of LVEF changes must be pre-specified and outlined in the SAP for this cardiac toxicity trial. For the sub-trial, readers of the ECHO-MIXIGAS must be binded to the protocol treatment given.	Fulfilled	
curliconib Aprola 2027140000 20-34-2012 US PMR 1908-6 Conduct a clinical test (PK-171-017) to evaluate the safety of a 30-minute intravenous influsion of curliconib at the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of curliconib and the dose of 2056 in operation of	carfilzon	ib Kyprolis	202714/0000	20-Jul-2012	US PMR 1908-3	with californib. The primary objective is to compare pulmonary toxicities between the group receiving carlifornib and a control group not not exceive, graditionary in a gradied group trial. Volve an agreed to conduct this pulmonary sub-trial within your orgoing Protocol 2011-003. On all patients enrolled in the main trial, 2011-003, during screening, obtain a baseline transforact ECHO to estimate the pulmorary array pressures and to assess right inventificual trax, inclinates, and to savere as the set of the second	Fullited	
cerfitzemib Ryprolis 2027140000 20-3ui-2012 US PARR 1908-6 Conduct a clinical trial in patients with hequalic impatement to assess safety and PK characteristics of cerfitzemib administrated as a 30 minitude facilities. The number of plantics encoded in the first adjustment of the conduction of the first and a 30 minitude facilities. The number of plantics encoded in the first adjustment of the conduction of the first and a 30 minitude facilities. The number of plantics encoded in the first adjustment of the conduction of the first and a 30 minitude facilities. The number of plantics encoded in the first adjustment of the conduction of the first and a 30 minitude facilities. The number of plantics and analysis plan must be included in the protocol. Submit your protocol for Agency review and concurrence pine to elistation. Conflictomib Kyprolis 2027140000 20-3ui-2012 US PARR 1909-7 Conflict on a roman clinical trials including Phases 3 Protocol 2011-003. Supplemented as needed by an additionary disease of read implantical dose in the first analysis plan must be included in the protocol. Submit your protocol for Agency review and concurrence pine to elistation. Conflictomib Kyprolis 2027140000 21-Jain-2016 US PARR 1909-7 Conflict on a roman clinical trials including Phases 3 Protocol 2011-003. College PK analysis and the conflictomic state of the concurrence pine to elistation. The first analysis plan must be included in the protocol. Submit your protocol for Agency review and concurrence pine to elistation. Conflictomib Kyprolis 2027140010 21-Jain-2016 US PARC 3022-2 Characteria with hypotic graphers of or a patricular plantic. Conflictomib Kyprolis 2027140010 21-Jain-2016 US PARC 3022-2 Characteria with hypotic graphers of or a patricular plantic. Conflictomib Kyprolis 2027140010 21-Jain-2016 US PARC 3022-1 Characteria with kyprolis plantics. Conflictomib Kyprolis 2027140010 21-Jain-2016 US PARC 3022-1 Characteria with kyprolis plantics. Conflictomib Kyprolis 2027140010 21-Jain-2016 US PARC 3022-1 Charact	carfilzon	ib Kyprolis	202714/0000	20-Jul-2012	US PMR 1908-4		Fulfilled	
dosage adjustment recommendation in the biologic particulation of the first all should be optimized between IPK and the continued of the standard on accurately estimate lesswered IPK and concurrence prior to initiation. The PK assigning scheme less which the optimized is accurately estimate lesswered IPK and concurrence prior to initiation. The PK assigning scheme less which the particular standard in the protocol. Submit your protocol for Agency review and concurrence prior to initiation. The PK assigning scheme less which the protocol scheme is the protocol schem	carfilzon	ib Kyprolis	202714/0000	20-Jul-2012	US PMR 1908-5	Conduct a clinical trial (PX-171-007) to evaluate the safety of a 30-minute intravenous infusion of cartifizonib at the dose of 2056 mg/m2 in patients with multiple myeloma.	Fulfilled	
will likely protice comparable exposure and clinical response to those patients without renal impairment who receive carliformit by doses of 2056 right? Listing the 30 institute into a planned in your protocol for Agency review and concurrence prior to initiation. Carliformib Kyprolis Z2714/0010 Z1-Jan-2016 US PMC 3022-2 Characterize the comparable easilety and efficacy outcomes of SVNCG Protocol S1304 and your analysis of what clinical parameters might suburities a suburities of the choice of carliformib regimen for a particular patient. Submitted Final Report was submitted 28 Jan 2019. FDA responded that data included in the final report does not adequately fulfill the PMC. Arrigen proposed revised milestones on 11 Mar 2000. General Advise Letter received from FDA on 09 July 2020. Arrigen about the choice of carliformib regimen for a particular patient. Submitted Final Report was submitted 28 Jan 2019. FDA responded that data included in the final report does not adequately fulfill the PMC. Arrigen proposed revised milestones on 11 Mar 2020. General Advise Letter than included protocol 2020/0063. Arrigen proposed revised milestones on 11 Mar 2020. General Advise Letter than included protocol 2020/0063. Arrigen proposed revised milestones for the final report does not adequately fulfill the PMC. Arrigen proposed revised milestones on 11 Mar 2020. General Advise Letter received from FDA on 09 July 2020. Arrigen proposed revised milestones for the final report advised protocol 2020/0063. Arrigen protocol 2020/0063. Arrigen proposed revised milestones for the final report of advised with submitted on the General Advised Letter final report of a final report of the final report of a final report of the final report of a final report of a f						disage adjustment recommendations in the labeling. The duration of the trial should be sufficient (several spice) to reasonably characterize petrelat safety seuse. The Yet sampling scheme should be optimized to accurately estimate relevant PK per sampling scheme should be optimized to accurately estimate relevant PK per solvent produced by the sample spice institute of the produced solvent spour produced for Agency review and concurrence prior to intilation.	Fulfilled	
study report with safety and efficacy outcomes of SWOG Protocol \$3304 and your analysis of what clinical parameters might affect the choice of cartizomib regimen for a particular patient. PMC. Ampen proposed revised milestones on 11 Mar 2020. General Advice Letter received from FDA on 90 July 2020. Ampen to 120 July 2020 and 120 July 2020 July 2020 and 120 July 2020 and 120 July 2020 and 120 July 2020 Ampen to 120 July 2020 and 120 July 20	carfilzom	ib Kyprolis	202714/0000	20-Jul-2012		will likely produce comparable exposure and clinical response to those patients without renal impairment who receive carfilzomb doses of 20/56 mg/m2 using the 30 minute infusion as planned in your upcoming Phase 3 trial Protocol 2011-003. Collect PK samples following carfilzomib doses of 55 mg/m2 or highest clinical dose in the protocol. Submit your protocol for Agency review	Fulfilled	
Cartilizomib Kyprolis 202714/0010 21-Jan-2016 US PMR 3022-1 Characterize safety of long-term use in patients treated with Kyprolis (cartilizomib) 2056 mg/m2 plus dexamethasone. Submit a final report and datasets with safety and efficacy outcomes of current clinical trial 2011-003 (ENDEA/VDR) with at least 3 years of tollow-up data.	carfilzon	ib Kyprolis	202714/0010	21-Jan-2016		study report with safely and efficacy outcomes of SWOG Protocol \$1304 and your analysis of what clinical parameters might affect the choice of cartizomib regimen for a particular patient.	Submitted	PMC. Amgen proposed revised milestones on 11 Mir 2020. General Advice Letter received from FDA on 09 July 2020. Amgen submitted a Reposines to the General Advice Letter than Lividuded protocol 20200083, protocol 20200086, and SAP for study 20200387 on 29 Cotober 2020. On 15 September 2021 Amgen revised General Advice Letter from FDA and submitted response in Desember 2021, in which Amgen proposed to revise the milestone for the first rigors to Lamuary 2023, Novewer FDA January 2023. An Information Request uses received from the FDA on 06 February 2024 requesting Amgen to provide the raw and analysis-ready diseases and SAS programs for Sulvy 202000381. Among submitted a response to the FDA for the FDA on the FDA of the FDA
	carfilzon	ib Kyprolis	202714/0010	21-Jan-2016	US PMR 3022-1	Characterize safety of long-term use in patients treated with Kyprolis (cartizomb) 20:55 mg/m2 plus desamethasone. Submit a final report and datasets with safety and efficacy outcomes of current clinical trial 2011-003 (ENDEAVOR) with at least 3 years of tollow-up data.	Fulfilled	

carfilzomib	Kyprolis	202714/0022	14-Dec-2018	US PMR 3558-1	Conduct an observational study to evaluate incidence rates of heart failure	Released	Amgen submitted the final study report for study 20190012 in support of fulfillment of the PMR 3558-1 on 26 June 2020 . Amgen received the "Release from Post-Marketing Requirement" letter on 22 August 2020.
					Conduct an observational study to evaluate inodiscore rates of heart failure among U.S. reals and ethinic minority patients with multiple myeloma treated or not treated with cartifizamis. Select a data source that captures risk factors for cardiac failure that may differ by race.		received the "Release from Post-Marketing Requirement" letter: on 22 August 2020.
carfilzomib	Kyprolis	202714/0030	20-Aug-2020	US PMC 3917-1	Submit the final progression free survival, overall survival analysis, safety results and datasets with the final study report from the ongoing multicenter, randomized, phase 3 clinical thrist (CANDOR) comparing desturmans in combination with callizomb and desamethasone to callizomb and desamethasone in patients with relapsed or freatmont multiple myeloms who have received one to three prior lines of therapy. The results from this report may inform product labeling.	Fulfilled	
carfilzomib	Kyprolis	202714/033	30-Nov-2021	US PMC 4183-1	Conduct an integrated study analysis containing data from clinical trials, post-marketing reports, compassionate usel-expanded access programs, real-world evidence, and other sources to further characterize the safety and efficacy of deratumumab (SC) in combination with certifizonib and desamethasone among U.S. racial and ethnic minority patients with multiple myeloma.	Ongoing	This study is ongoing. The Final Report is due August 2026.
carfilzomib	Kyprolis	202714/S-034	30-Jun-2022	US PMR 4279-1	Conduct a clinical trial sufficient to characterize and determine the incidence of second primary malignancies in patients necessing cartifictors in constitution with instumble and desamethesion (Bes-AGI). This diea may come from Study EFC15246 (RICMA), supported by data from other trials across the cartifizomib development program. Include incidence rates, time to onset, outcomes, and efficacy in the final report. Efficacy should include final progression-free survival and overall survival results.	Submitted	Final Report for Study 2022014 de was submitted on 25 September 2023 [Final Report Dus September 2023]. Ampen also included a cross-reference to the submission made by Sand Aventis LLC for the IKEM And study report planned to be submitted to Sandi BLA 761113 on 27 September 2023. Amgen received an information request from FDA on 15 February 2023 requesting Ampen to provide all the raw and analysis-ready distances and SAS programs for Skylly 20220146 and to provide a summary of second primary malignancies (SPMs) in all trials conducted with california becept ASPIRE and between the Compromise including single-am trials. Amgen submitted reporces to the FDA information request or 26 February 2024 and 05 April 2024, respectively. Amgen received a clinical information request or 31 May 2024 to day to the Compromise of the FDA information request on 10 June 2024. Amgen is awaiting FDA's response.
carfilzomib	Kyprolis	202714/S-034	30-Jun-2022	US PMC 4279-2	Conduct an integrated analysis that contains data from clinical trials, post-marketing reports, compassionate use/expanded access programs, real-world evidence, and other sources to further characterize the safety and efficacy of carliformib in combination with isatuximab and dexamet	Ongoing	Final Report Submission is due Dec 2026.
cinacalcet HCI	Sensipar	021688/0000	15-Mar-2017	US PMR 3202-1	Conduct a hypothesis-testing observational study to provide data regarding the potential association between Sensipar (cincascies) and failed and non-statal spacintesterial beleafier. The study should have a comparating roup, be powered to detect the outcomes of interest, with justification for the proposed detectable differences in incidence rates. Special attention should be yet no complete data variability in displays patients with secondary hyperparaty-product above and below the ega of 65 years, should aim to quantify the exposure-risk window, including periods after exposure discontinuation. The choice of study design, data source(s), and sample size should be supported by a feasibility analysis submitted to and reviewed by FDA prior to protocol finalization.	Fulfilled	
darbepoetin alfa	Aranesp	103951/5088	15-Dec-2005	US PMC 001	To conduct a study, such as a single-arm open-label study or a prospective patient registry, to evaluate the safety and usefulness of Aranesp for initial treatment for the correction of anemia in pediatric chronic renal failure patients.	Released	
darbepoetin alfa	Aranesp	103951/5097	23-Mar-2006	US PMC 004	To obtain and submit a final study report, including the primary data and analyses, of the ongoing, randomized, observational-	Fulfilled	
					control, investigator-sponsored study, Protocol DE-2002-0015, being conducted in 1000 patients with breast cancer receiving adjuvant (ARA-20) shemotherapy seasing the safety of babepoint all administered at 300 mog QFW followed by 300 mcg GSW as compared to transfusion support, for the treatment of chemotherapy-induced anemia (CIA).		
darbepoetin alfa	Aranesp	103951/5097	24-Mar-2006	US PMC 005	To obtain and submit a final study report, including the primary data and analyses, of the ongoing, randomized, observational-	Released	
					To obtain and submit a final study report, including the primary data and analyses, of the ongoing, rendomized, observational- control, investigator-sponsored study, Protocol SE 2002-801, being conducted in 600 palleris with head-and-neck cancer DAHANCA-10) assessing the safety of Dathepoetin alla administered at 150 mag QW as compared to translusion support, for the treatment of chemotherapy-induced anemia (CIA).		
darbepoetin alfa	Aranesp	103951/5097	23-Mar-2006	US PMC 006	To obtain and submit a final study report, including the primary data and analyses, of the ongoing, randomized, observational-control, investigation-proposed study, Protocof FR-2003-0306, being conducted in 600 patients with disfuse large B-Cell lymphoma (GELA LNH-03-8B) assessing the sately of Darbepoetin afta administered at 2.25 mog/kg GW as compared to translusion support, for the treatment of chemicherapy-induced anemia (GNL).	Fulfilled	
darbepoetin alfa	Aranesp	103951/5097	24-Mar-2006	US PMC 007	To conduct and provide the data and results of a meta-analysis of adverse outcomes, utilizing the data from studies 20010145, DE -2001-0033, DE -2002-0015, DE -2002-9001, and FR-2003-3005.	Released	
darbepoetin alfa	Aranesp	103951/5137	18-May-2007	US PMC 2681-1	Re-evaluate the N-glycan mapping specifications to ensure stringent control of N-glycan branching and sialylation and to evaluate the current methods and stansine strategies for controlling these attributes to assure consistency of product quality. The evaluation will comprise an assessment of Impact of changes in the distribution of N-glycan	Fulfilled	Fulfilled on 12 July 2019.
darbepoetin alfa	Aranesp	103951/5188/S-5378	23-Jun-2009	US PMR 001 (PMR 2592-	To conduct clinical trial 2007/0782 entitled "A Randomized Double-blind, Placeho-controlled Study to Evaluate the Long-	Fulfilled	
				1)	term Safety and Efficacy of Durbopoetin Afflackministered at 500 mcg Once-Eveny-3-Weeks (Q3W) in Anemic Subjects with Advanced Staps Nor-mail Cell Lung Caner Receiving Multi-cycle Chemotherapy" to evaluate the impact of darbepoetin alta on overall survival, progression-free survival, and objective tumor response rate.		
darbepoetin alfa	Aranesp	103951/5248	24-Jun-2011	US PMR 002 (PMR 2785- 1)	In patients with CKD who are not on dislysis (NOD), conduct one or more trials to determine whether a dosing strategy (e.g. fixed dose strategy) different from that in the approved labelling can further reduce exposure to ESA while preserving the benefit of reducing translusion use.	Fulfilled	
darbepoetin alfa	Aranesp	103951/5326	13-Dec-2012	US PMC 001	To conduct a randomized, double-blinded, multi-center trial to evaluate the safety and efficacy of Aranesp for initial treatment for the correction of anemia in pediatric chronic renal failure patients.	Fulfilled	
darbepoetin alfa	Aranesp	103951/5375	09-Mar-2017	US PMC 3198-1	To assess the utilization of Epogen/Prooft and Aranesp for the treatment of anemia in patients with non-myeloid malignancies where anemia is due to the effect of concomitant myelosuppressive chemotherapy, and upon initiation, there is a minimum of two additional months of planned chemotherapy.	Fulfilled	FDA Fulfillment letter dated and received on 05 December 2024
denosumab	Prolia	125320/0000	01-Jun-2010	US PMC 3198-1 US PMR 001 (2399-1)	To conduct a interspective cohort study using multiple existing observational databases to called data from a 5-year period prior to the availability of denourable. The study should identify women with postumospacial disappropriate and determine the occurrence of serious infection including skin infection, dermatologic adverse events, and over-suppression of bone tumover in each database in order to assess the background rates of those adverse events. The data obtained in this study will be used to inform the implementation of postmarketing requirement #2.	Fulfilled	
denosumab	Prolia	125320/0000	01-Jun-2010	US PMR 002 (2399-2)	To conduct a long-term observational study in administrative databases to prospectively evaluate the incidence of serious infection including skin infection, demartologic adverse events, and over-suppression of bone turnover in postmenopausal women administered Prolia (denosumab).	Fulfilled	Fulfillment letter (reference ID: 5421794) was received on July 30th 2024
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denosumab	Prolia	125320/0000	01-Jun-2010	US PMR 003 (2399-3)	To conduct a long-term surveillance study in postmerospausal women administered Profils (denosumals) to prospectively evaluate the incidence of serious infection including skin infections, dermatologic adverse events, and over-suppression of bone turnover.	Fulfilled	
denosumab	Prolia	125320/0000	01-Jun-2010	US PMR 004 (2399-4)	To conduct an in vivo drug-drug interaction clinical trial with a CYP3A4 substrate (e.g., midazolam) in postmenopausal female patients with osteoporosis to characterize the potential risk of drug interactions of Profila (denosumab) with CYP3A4 substrates.	Fulfilled	
denosumab	XGEVA	125320/0007	18-Nov-2010	US PMC 005	To submit a final report that includes updated results for oweall survival for trials 2006/0103 acritice." A Randomized Double-Blind, Millionerte Study of Denousmate Companed With Zeldenich Acid (Zometal) in the Trialment of Bone Methastasses in Men with Homone-Refractory Prostate Cancer." 200050136 entitled "A Randomized, Double-Bind, Multicenter Study of Denousmath Companed With Zeldenich Acid (Zometa) in the Treatment of Bone Methastasses in Subjects With Advanced Breast and Cancel in the Treatment of Bone Methastasses in Subjects With Advanced Breast and Cancel in the Treatment of Metiastasses in Subjects With Advanced Cancer (Excluding Breast and Prostate Cancer) or Multiple Myelema." The final report should also include the primary and derived datasets and analysis programs used to generate the overall survival results reported.	Fulfilled	
denosumab	XGEVA	125320/0007	18-Nov-2010	US PMR 001	To conduct a phase 1, open-label, dose-finding pharmacokinetic, pharmacodynamic, and safety study in pediatric patients ages 0 to 18 years who are diagnosed with solid tumors metisatial to bone. The study will determine whether a safe dose can be administered to patients in subsequent phase 2 and phase 3 study.	Released	
denosumab	XGEVA	125320/0007	18-Nov-2010	US PMR 002	commissions to plantine 3 reported projects and prised 3 subort prised 5 subor	Released	
denosumab	XGEVA	125320/0007	18-Nov-2010	US PMR 003	To conduct a randomized and controlled pediatric study to evaluate the efficacy and safety of denosumab for the prevention of skeletal related events in pediatric patients ages 0 to 18 years with solid tumors and bone metastases.	Released	
denosumab	XGEVA	125320/0007	18-Nov-2010	US PMR 004	To conduct a clinical trial to determine the safety of Xigens (denosuresh) 120 mg definishtend every four revelor by subcutenosus seption in polaries with severe renal insulficiency (treatitine clearance) sets than 30 mL million and in planets receiving disposa. The number of patients enrolled in the trial and the frequency and duration of plasma sampling will be sufficient to estimate the incidence and severity of hypocalesmin, hypomagnesemia, and hypophoralsman in this patient population. The final report should include the primary and derived disasses using the CDISC and ADaM data models and the analysis programs used to generate the safety and alconatory analyses.	Fulfilled	
denosumab	XGEVA	125320/0094	13-Jun-2013	US PMC 002	Submit the final report including primary datasets, derived datasets, and analysis programs used to generate the sately and efficacy results for the ongoing single and multiconter trial of denourable in patients with glant cell turner of bone. Include an analysis of adographic reaprose as determined by the local investigator in excludible patients who received at least one dose of assessment during the first. The primary analysis should be conducted after patients enrolled through November 2012 have had the opportunity to complete 12 months of treatment.	Fulfilled	PMC fulfillment letter received 09 June 2020
denosumab	XGEVA	125320/0094	13-Jun-2013	US PMC 003	Provide a detailed and thoughful analysis of the risk factors associated with malignant transformation of GCTB and development of new ascroma and the lifetime and annual indenses of these events in denosurable naive patients. For this analysis, use data from a minimum of two representatives detablesse in addition to information from published literature. Include subset analyses based on specific risk factors identified from the comprehensive investigation.	Fulfilled	Submitted FA CSR on 18 Dec 2018 and it takes ~3 mits for FDA to issue fulfilment letter; plan to follow-up with FDA last week of Mar 2019 re. fulfilment letter
denosumab	XGEVA	125320/0094	13-Jun-2013	US PMR 001	Submit a field regort of follow-up, safety data of Xpera (denocumab) in patients with plant cell tumor of bone enrolled in the organizing single and intell through November 2012 for an influent more five years or until death of lost to follow-up, whichever comes first. Comprehensively collect information regarding survival status, disease progression, serious adverse events, and adverse events of special interest including cateronecrosis of the jaw, reprepancy-related complications, spliced factures, malignant transformation of giant cell tumor of bone, and secondary malignancies. Perform descriptive analyses of these safety data, including a subset analysis comparing the long-term safety of denocumab in addiscont and adult patients.	Fulfilled	PMR fulfillment letter received 09 June 2020
denosumab	Prolia	125320/51	20-Sep-2012	US PMR 001 (2957-1)	Inclusion of a new larget population, men with osteoporosis, in the required postmarketing study entitled, "The Denosumab Global Postmarketing Safety Observational Study' (Study 20090522), designated as PMR #2 in the June 1, 2010 approval letter for BLA 12532010.	Fulfilled	Fulfillment letter (reference ID: 5421794) was received on July 30th 2024
denosumab	Prolia	125320/51	20-Sep-2012	US PMR 002 (2957-2)	Inclusion of a new target population, man with osteoporosis, in the required postmarketing study entitled, "The Prolis Postmarketing Active Safety Surveillance Program" (Study 20090601), designated as PMR #3 in the June 1, 2010 approval letter for BLA 1252200.	Fulfilled	Final study report was submitted in June 2022.
denosumab	Prolia	125320/51	20-Sep-2012	US PMR 003 (2957-3)	To conduct a postmarketing required clinical trial to investigate the levels of denosumab in the semen of men treated with Prolia.	Fulfilled	
denosumab	XGEVA	125320/185	24-Jan-2018	US PMR 001 (3333-1)	Perform a retrospective analysis in Metastatic-Related and Non Metastatic-Related Fractures in clinical trals 20050158, 20050244 and from solid tumors, during the active treatment period, and characterize the non-metastatic fractures. Submit the final report with labeling.	Fulfilled	PMC fulfillment letter received 11 May 2021.
denosumab	Prola	125320/186	18-May-2018	US PMR 3422-1	To conduct a Phase 3 Randomized, Double-blind, Placebo-controlled, Parallel-group, Study to Evaluate the Safety and Efficacy of Denosumab in Pediatric Subjects With Glucocorticoid-induced Osteoporosis (Study 2014/0444)	Fulfilled	The fulfillment letter was received on May 22, 2025.
denosumab	Prolia	125320/186	18-May-2018	US PMR 3396-1	To include, new target population, adults with glucocorticod-indused esteoporesis (300P), in the required postmarketing study controlled. The Denoumab Clobal Postmarketing Safery Observational Study (Study 20000522), designated as PMR 2399-82 (or PMR 82).	Fulfilled	Fulfillment letter (reference ID: 5421794) was received on July 30th 2024.

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denosumab	Prolia	125320/186	18-May-2018	US PMR 3396-2	To notate a new target population, adults with glucocorticod-induced osteoporosis, in the required postmarketing study entitled, "The Prolla Postmarketing Active Safety Surveillance Program" (Study 20090601), designated as PMR 2399-#3 (or PMR #3).	Fulfilled	Final study report was submitted in June 2022.
epoetin alfa	Epogen	103234/5189	23-Jun-2009	US PMC 001	To conduct clinical trial EPO-ANE-3010 entitled 'A Randomized, Open-Label, Multicenter, Phase 3 Study of Epoetin Alfa plus Standard Supportive Care in Anemic Patients With Metastatic Breast Cancer Receiving Standard Chemotherapy To evaluate the impact of Epoetin Standard Chemotherapy To evaluate the impact of Epoetin Standard consensations, progression and educate Increase table. (That Completion for the J&J PRD 'that EPO-ANE-3010 is defined as the time-point when approximately 1,650 subjects have increase.)	Fulfilled	
epoetin alfa	Epogen	103234/5256	21-Jun-2011	US PMR 2786-1	In patients with CND on disprise, consists one or none trials to identify an optimal strategy of ESA doos and schedule. These trials should identify the optimal desiring strategy which will demonstrate the supported for the ESA desiringstrategy to minimize hemoglobin (Hg) variability, excursions, rate of change of Hb, and explore providing symptom benefit.	Fulfilled	
epoetin alfa	Epogen	103234/5360	09-Mar-2017	US PMR 3198-1	To assess the utilization of Epogen/Procit and Aranesp for the treatment of anemia is patients with non-myeloid malignancies where anemia is due to the effect of concomitant myelosuppressive chemotherapy, and upon initiation, there is a minimum of two additional months of planned chemotherapy.	Fulfilled	FDA Fulfillment letter dated and received on 05 December 2024
erenumab-acce	Aimovig	761077/0000	17-May-2018	US PMR 01 (3392-1)	To conduct a Juvenile monkey toxicology study to evaluate effects of erenumab-acce on growth, reproductive development, and neurological and neurobehavioral development.	Fulfilled	
erenumab-aooe	Almovig	761077/0000	17-May-2018	US PMR 02 (3392-2)	To conduct an open-label pharmscokinetic, safety, and tolerability study in pediatric migratine patients ages 6 through 11 years. Dosing will depend on body weight, according to now weight bands. 4-60 kg and 3-60. The study should identify doses that provide exposures that match those observed with the 70-ing and 140-ing doses of Ahmong in addles.	Submitted	
erenumab-acoe	Almovig	761077/0000	17-May-2018	US PMR 03 (3392-3)	To conduct a pediatric randomized, double-blind, placebo-controlled effacoy and safety study under PREA for the preventive restiment of chronic migration is addiscensized sages it through if Yeavan. This study includes a double-blind retainment phase (of at least 40 weeks duration), with an open-sibel extension (of at least 40 weeks duration). Two weight bands should be utilized for dosing. In seath weight band, two different dosing levels of Ahmovig should be tested. Dosing should provide exposures matching those observed with the 70-mg dose and with the 140-mg dose of Ahmovig in adults.	Ongoing	
erenumab-acoe	Aimovig	761077/0000	17-May-2018	US PMR 04 (3392-4)	To conduct a pediatric randomized, double-blind, placebo-controlled effactory and safety study under PREA for the preventive treatment of ejociation implain is in histern and adolescents ages 6 through 17 years. This study includes a doublebillind treatment phase (or at least 12 weeks duration), with an open-table dension (of at least 40 weeks duration). Two weight bands should be utilized for dosing in seal weight band, should be utilized for dosing in seal weight band, should be utilized for dosing in seal weight band, should be utilized for dosing in seal weight band, should be utilized for dosing in seal weight band, should be utilized for dosing a few seal with the 140-ing dose of Almong in adults.	Ongoing	
erenumab-acoe	Almovig	761077/0000	17-May-2018	US PMR 05 (3392-5)	Conduct prospective pregnancy exposure registry cohort analyses in the United States that compare the maternal, fetal, and infant outcomes of women with migrarine exposed to Almoyd during pregnancy with two unexposed control populations: one consisting of some with migrarine exposed to Almoyd before or during pregnancy and the other consisting of migrarine or during pregnancy and the other consisting of migrarine and the state of the control of the con	Delayed	Delayed due to postponement of the study start date as a result of negotiation of the protocol content. The protocol content was finalized after final protocol submission due dates.
erenumab-acce	Almovig Almovig	761077/0000	17-May-2018	US PMR 05 (3392-5) US PMR 06 (3392-6)	Infant outcomes of women with migranie exposed to Almovig during pregnancy with two unexposed control populations: one consisting of women with migrane who have not been exposed to Almovig device or during pregnancy and the other consisting of women without migranie. The registry will identify and record pregnancy complications, major and minor congenital or women without migranie. The registry will identify and record pregnancy complications, major and minor congenital minor and the control of t	Delayed	Delayed due to postponement of the study start date as a result of negotiation of the protocol content. The protocol content was finalized after final protocol submission due dates. Delayed due to postponement of the study start date as a result of negotiation of the protocol content. The protocol content was finalized after final protocol submission due dates.
					Infant outcomes of women with migraine exposed to Almovig during pregnancy with two unexposed control populations: one consisting of women with migraine who have not been exposed to Almovig before or during pregnancy and the other consisting of women without migraine. The registry will identify and record pregnancy complications, major and minor congenital mailtainations, spotiational explicit in the registry will be a spotiate the property of the property outcomes, including effects on postnatal growth and development, will be assessed through at least the first year of life. Conduct a pregnancy outcomes study using a different study design then provided by in PINR 3302-5 (for example, a terrospective orbor study using claims or electronic medical record data or a case control assurption to the property original mallormations, considerance or about the property original mallormations, considerance as allowed the property of the property original mallormations, considerance as allowed the property original mallormations, considerance as allowed to a feature or the first year of the property original mallormations, considerance as allowed the property original mallormations, considerance as allowed the property original mallormations, considerance as allowed the property original mallormations, considerance or allowed the property original mallormations, considerance or allowed the property original mallormations, considerance or allowed the property original mallormations considerated to allow the property or allowed the property original mallormations countered to allow the property or allowed the property original mallormations considerated to a case control assignment or allowed to allow the property original mallormations considered to allow the property original mallormations considered to allow the property original mallormations considered to allow the property original mallorm	Delayed	finalized after final protocol submission due dates. Delawed due to postoonement of the shady start date as a result of neodiation of the protocol content. The protocol content was
erenumab-acce	Almovig	761077/0000	17-May-2018	US PMR 06 (3392-6)	Infant outcomes of women with migranie exposed to Almovig during pregnancy with two unexposed control populations: one consisting of women with migrane who have not been exposed to Almovig device or during pregnancy and the other consisting of women without migranie. The registry will identify and record pregnancy complications, major and minor congenital or women without migranie. The registry will identify and record pregnancy complications, major and minor congenital minor and the control of t	Delayed Fulfilled	finalized after final protocol submission due dates. Delawed due to postoonement of the shady start date as a result of neodiation of the protocol content. The protocol content was
erenumab-acce etanercept	Aimovig Enbrei	761077/0000 103795/5099	17-May-2018 09-Oct-2003	US PMR 06 (3392-6) US PMC 001	Infant outcomes of women with migranie exposed to Almovig during pregnancy with two unexposed control populations: one consisting of women with migrane the new not been exposed to Almovig device or during pregnancy and the other consisting of women without migrane. The registry will derify and record pregnancy complications, major and minor congenities of the pregnancy complications, major and minor congenities and any other advenes outcomes, including personal growth and development. Automate will be assessed through an expensive outcomes, including effects on postnatal growth and development, will be assessed through at least the first year of life. Conduct a pregnancy outcomes study using a different study design than provided for in PMR 3382-5 (for example, a retrospective cultont study using claims or electronic medical record data or a case control study to assess major congenital pregnancy compared to an unexposed control population. Conduct a pregnancy compared to an unexposed control population. Conduct a consecutive multiple of the population of the pregnancy compared to an unexposed control population. Conduct a consecutive multiple of the population of the pregnancy compared to an unexposed control population. Conduct a consecutive multiple of the properties of the pregnancy compared to the properties of t	Delayed Fulfilled	finalized after final protocol submission due dates. Delawed due to postoonement of the shady start date as a result of neodiation of the protocol content. The protocol content was
erenumab-acce etanercept etanercept	Aimovig Enbreil	761077/0000 103796/6089 103796/6149	17-May-2018 09-Oct-2003 30-Apr-2004	US PMR 06 (3392-6) US PMC 001 US PMC 003	Infant outcomes of women with migrarine exposed to Almovig during pregnancy with two unexposed control populations: one consisting of women with migrarian who have not been exposed to Almovig during pregnancy and the other consisting of migrarian with the properties of the properti	Delayed Fulfilled	finalized after final protocol submission due dates. Delawed due to postoonement of the shady start date as a result of neodiation of the protocol content. The protocol content was

etanercept	Enbrel	103795/5488	14-Feb-2017	US PMR 001	patients related with Entirel (elianeicops), for a period of up to 10 years to collect data that will be analyzed to better defere the first of this sectious advente event. The enhanced pharmacon(plance program includes the following: 1) above query of reporters to cobain additional clinical information related to malignancy diagnoses; 2) expedited reporting to FDA of all initial and follow-up reports of any malignancy in pediates, addescent, and young adult patients.	Fulfilled	
etanercept	Enbrel	103795/5488	02-Nov-2011	US PMR 001	Enhanced pharmacoxigilance program for reports of malignancy in pediatric, adolescent, and young adult (< 30) years of apply patients treated with Entrel (eleances), for a period of up to 10 years after this notification to collect data that will be analyzed to better define the risk of this serious advenue event. The enhanced pharmacoxigilance program includes the following: 1) active query of reporter to obtain additional cinical information related to malignancy in agreement agreement and follow-up reports of any malignancy in pediatric and young adult patients, interim analyses and summaries of new and controllables after young interior to the program of the pediatric and young adult patients must be submitted annually, followed by the final report at the conclusion of the monitoring period.	Released	
etelcalcetide	Parsabiv	208325	07-Feb-2017	US 3108 001	Conduct a pharmacolivistici/pharmacodynemics (PKPP) modeling study evaluating Parastiv (esticatedate) injection in adults with secondary hyperparathyroldism receiving hemodalysis to determine a sale starting dose in children.	Fulfilled	
etelcalcetide	Parsabiv	208325	07-Feb-2017	US 3108 002	Conduct a 26-week Phase 3, randomized, multiple-dose titration safety and PK study evaluating Parsably (etelcalcetide) injection with a comparator control arm in patients aged 2 to 17 years (reflusive) (Part 1), and subjects aged 1 mornh to 2 years (Part 2), both with secondary hyperparahyroidism receiving hemoroidispies.	Delayed	FDA considered submission of Final Protocol late due to protocol negotiations
etelcalcetide	Parsabiv	208325	07-Feb-2017	US 3108 003	Conduct a comparative pharmacokinetic/pharmacodynamics (PK/PD) modeling study evaluating Parasibiv (etelcalceside) injection in adult and pediatric subjects with secondary hyperparathyroidism receiving maintenance hemodialysis.	Pending	
etelcalcetide	Parsabiv	208325+C86	07-Feb-2017	US 3108 004	Conduct a hypothesis-testing observational study to provide data regarding the potential association between Parsabiv (seclaciacide) and fatal and non-fatal pastrointesimal bleeding. The study should have a comparator group, be powered to detect the outcomes of the interest, with justification for the proposed detectable differences in moderace rates. Special attention should be the outcomes of the interest, with justification for the proposed detectable differences in moderace rates. Special attention should be the ability to ascortain cause of death in a timely manner, and a statistical consideration of competing risks. Secondary analyses should ann to quantify the exposure-risk various, including periods after exposure discontinuation. The choice of study deposing, data source(s), and sample size should be supported by a feasibility analysis submitted to and reviewed by FDA prior to protocol finalization.	Fulfilled	FDA Fulfillment letter received on 29 January 2024
evolocumab	Repatha	125522/0000	27-Aug-2015	US PMR 2946-1	Conduct an efficacy and safely study evaluating Regaths (enoticoursh) in patients with heteropagus familial hypercholestronienin (HeFH) agas in Jovans to less that a Jovans. The study libe a machinized, Formonth, double-blind, placebocontrolled, parallel-group, multicenter efficacy and safely study (Part A) followed by an 18-month open-label extension in patients 10 years to less than 18 years with HeFH on stable lipid-modifying therapy with LDL-C ≥ 130 mg/dL (Part B).	Fulfilled	Fulfilled letter from the FDA on 22 August 2022
evolocumab	Repatha	125522/0000	27-Aug-2015	US PMR 2946-2	Conduct a prospective observational study of pregnant women exposed to Regarda (evolocumely) to evaluate fetal, infant, and hidthood uctiones of pregnant women exposed to evolocious and their live born offisping through he fets? Syears of lite to estimate incidence rates for the potential safety signals of adverse pregnancy outcomes, embryo-fetal growth and development, and adverse infant and childhood outcomes related to humania immure suppression. The study should have validated adjudicated outcomes, a comparator group, be powered to detect the outcomes of interest, and include the justification for the proposed detectable differences in incidence rates.	Released	FDA released Amgen from PMR 2946-2 on 03 Sep 2020 due to infeasibility and implemented PMR 2946-10.
evolocumab	Repatha	125522/0000	27-Aug-2015	US PMR 2946-3	Conduct a large, randomized, controlled, long-term trial in which the incidence and severity of new-onset diabetes meilitus, injection site reactions, hypersensitivity, immunogenicity, and adverse events potentially related to demyelination with Repatha (evolocumab) will be evaluated.	Fulfilled	
evolocumab	Repatha	125522/0000	27-Aug-2015	US PMR 2946-4	Conduct a randomized, controlled, long-term trial that prospectively evaluates changes in neurocognitive function with Repstha (evolcoumsb) treatment. The trial must be adequately powered to exclude a clinically meaningful adverse effect.	Fulfilled	
evolocumab	Repatha	125522/0020	11-Apr-2019	US PMC 3586-1	Provide a report tracking the incidence of needle clogging as well as an analysis on whether the labeling updates have reduced the complaints, adverse events, and medication errors associated with injection failures as a result of needle clogging based on the post market tracking. These U.S. reports should be submitted in 6-month intervals for 2 years.	Fulfilled	FDA agreed to Amger's proposed update to delay the milestone dates by one year in order to enable the relevant labeling components to enter the market, and thus enable the PMR to be assessed.
evolocumab	Repatha	125522/0000	03-Sep-2020	US PMR 2946-10	Conduct a worfowlide, single-arm, descriptive study that actively collects prospective and entrospective data in women exposed to Regarble (evolucimate) during pregnancy) to assess talk of pregnancy and material complications, solvense effects on the under the control of th	Ongoing	
filgrastim	Neupogen	103353/5183	30-Mar-2015	US PMR 2893-1	Conduct a phase 4 observational study to evaluate the efficacy and safety of Neupogen (filgrastim) in the setting of Hematopoietic syndrome (HS) following acute radiation exposure.	Pending	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 001	To submit a final study report for study 20050181, entitled, "A Randomized, Multicenter Phase 3 Study to Compere the Efficacy of Panthrumnab in combination with Chemotherapy to the Efficacy of Chemotherapy Atone in Patients with Previously Treated Medisastic Cionciosci Cancer which is intended to verify the clinical benefit of Panthrumnab through demonstration of an effect on overall survival (OS).	Fulfilled	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 002	To conduct a Phase 1 study, Protocol 2005/ISS2 entitled, 1'A Phase 1 Study to Civilate his Salety and Phermacolvinetic of Panilumnumab in Children with Relatacy Sold Tumors' in children and adolescents (up to 18 yr d agu) to provide the Initial Salety and the Children and Adolescents (up to 18 yr d agu) to provide the Initial Salety Sal	Fulfilled	

panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 003	leased on the results of the These I protocol 20020032 (e.g. provided that a safe and taleshall does of Panishummab annie clearmined for dufflown), Ampsie all conduct of Phenes 2, Excludy to filter clearest and establish	Released	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 004	To submit a summary of the final results of overall survival (CS), with 12-month minimal follow up from Study 20020408, entitled, "An Open Labe Rendomized, Phase 5 Cinician Trial of ASK-CEF PIXe Best Supportive Care Versus Care Care Care Care Care Care Care Care		
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 005	To submit histelm and final chicks study reports based on data obtained in study 2005/1181, cettifed, "A Randomized Multicenter Places 3 Study to compane the Elizacy of Portlumrumals in Combination with Chemotherapy to the Elizacy of Chemotherapy Abre in Patients with Previously Treated Metastic Colorectal Cancer," that addressess clinical study of EGFT sessing with the Dato Phamb EGFT is as a means for selecting patients who will benefit when retained with Partiturnumab. The report will include both summary analyses of safety and efficacy as a function of EGFT test results and primary datasets.	Fulfilled	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 006	To submit Intellin and final clinical study reports based on data obtained in Study 20050181, entitled. 'A Randomized, Multicenter Phase 3 Study to Compres the Efficacy of Particumumb in Combination with Chemotherapy (to the Efficacy of Intellined Control Contro	Fulfilled	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 007	To submit heterim and final clinical study reports based on data obtained in study 20050181, entitled. 'A Randomized, Multicenter Phase Study to Corpuse the Efficacy of Parlumanus in Combination with Chemotherapy to the Efficacy of Chemotherapy Abone in Patients with Previously Treated Metastatic Colorcal Cancer' characterizing the immunogenicity profit of the commercial product, and impact of ani-Parlumanus binding and neutraling antibodies on the pharmacoknetic, safety and efficacy profile of Parlumanus. The report will include both summary analysis and the primary distances used to generate May 3, 2006. Fasting an experiment of the pharmacoknetic safety and efficacy profile of Parlumanus. The report will include both summary analysis and the primary distances used to generate May 3, 2006. Fasting and the provided by August 30, 2008, and a final study report will be submitted by March 30, 2010.	Fulfilled	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 008	To submit a first study report for study 20050184, entitled "A Phase 2. Open-basic Rendomized Clinical Title of Six Toxicity Treatment of Subjects Receiving Second-the FOLFRIff or Introduced Doly Chromotheapy Concomining with Pentiturnuma- containing an evaluation of the clinical management of Panishmunda-hadced skin toxicities. The eport will include both summay analyses of safety as a function of medical management and primary distates from this study and from any reference studies used for comparative safety analyses, which will include information on medical interventions and toxicity onset, severity and clinical course. The final protocol was submitted on March 28, 2006. Palent accordate pages on April 19, 2006, and the study will be completed by May 15, 2008. A final study report will be submitted by November 30, 2008.	Released	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 009	To conduct a Phase 1 drug interaction study 20082010, entitled "Open Label; 2-Chhort, Randomized Study to Assess the Potential Pharmaconiset Drug-Drug Interaction between Introdecan and Planniumab in Subjects with Clowcratic Cancer' which will provide a formal assessment of pharmacokinetic (PK) drug-drug interactions. The final study report will provide summary analyses of pharmacokinetic and safety information and primary data used to generate the analyses in an electronic, SAS-compatible distaset. The final protocol will be submitted by August 31, 2007. Patient accrual will begin by December 31, 2007, and the study will be completed (last PK sample for last enrolled patient) by April 1, 2009. The final study report will be submitted by August 30, 2009.	Fulfilled	
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 010	To submit a first study report for study 20x040 E2 entitled. 'A Phase 1 Citized Study of ABA-CEF (Penhammana) Civilation of the Staffty and PK of ABA-CEF in Japanese Subjects with Anderiond Solid Timory fits characterises the pharmoceives profile of Penhammana in the Japanese population. The final study report should provide summary analyses and primary data including pharmacoinnete data; in both the Japanese and non-Asian population that will permit an assessment of differences in pharmacoinnetes, if any, based on racelethnicity. The study will be completed (distabase lock) by June 30, 2006, and the final study report will be submitted by April 1, 2007.		
panitumumab	Vectibix	125147/0000	27-Sep-2006	US PMC 011	To aborts an assessment and the foliowing information regarding the note of EGFr in post-natal lung, gestrointestinal, neurologic, bone, or paracreatic development in human. a. Copies of all published Renature reports of nonclinical or clinical data addressing the role of EGFr in post-natal human respiratory and gestrointestinal tract, neurologic, selental, and endocrine development. b. Identification (by Study Number) of any previously submitted final study report, and submission of any additional data (including primary data) from non-clinical studies of Panitumumab conducted by, or under a contractual arrangement for American young (pre-publish) non-human primary data) from non-clinical studies of Panitumumab conducted by, or under a contractual arrangement for American young (pre-publish) non-humanism threat data, actioning all findings in respiratory and generatorisetatinal tract, and selected, and endocrine organ systems. The assessment, including all Riterature references, will be submitted by November 30, 2006.		
pegfilgrastim	Neulasta	125031/0180	13-Nov-2015	US PMR 2997-1	Conduct a phase 4 observational study evaluating the efficacy and safety of Neulasta (pegligrastim) in the setting of Hematopoistic Syndrome (HS) following acute radiation exposure.	Pending	
pegfilgrastim	Neulasta	125031/197	10-Oct-2019	US PMR 3731-1	Submit potiants assessments for Neulista (pogliginatini) as described in section 5558/gl/(2) of the FDS.C Art (building development of an "appropriate formulation" (presentation) that can be used to directly and accurately admitter Neulista (pegliginastim) to potiating septients who weigh less than 45 kg and require doses that are less than 0.6 mL (6 mg), and conducting any necessary human factors studies to evaluate the ability of healthcare providers and/or caregivers to measure the appropriate doses.	Ongoing	Original Final Report Due Date: October 2022. Deferral Extension granted by the FDA on 9/28/2022; Final Report Due Date extended to 4/2025.

romiplostim	Nplate	125268/0	22-Aug-2008	US PMR 001 (PMR 2396- 1)	Conduct an "Antibody Registry Study" that will enroll subjects who have received roniplostern and whose blood samples contain antibodies to either romiplostern or this more proposed by the performed by Anger in response to remote the study of the proposed by Anger in response to remote the study of the proposed by the performed by Anger in response to remote the study of the proposed by the prop	Fulfilled	
romiplostim	Nplate	125268/0	22-Aug-2008	US PMR 002	To develop and maintain a prospective, observational pregnancy exposure registry study conducted in the United States that compares the pregnancy and feets outcomes of women exposed to transjoisted musting pregnancy to an unexposed control population. The registry will observe from the configuration of the program of the program of the configuration of the program of the program formation. Developed more performance, potential anomalies, spontaneous abortions familiation, except experiments of function, nepolation formation, born marrow relations formation, thrombotic events, and any serious adverse pregnancy outcomes. These events will be assessed among the enrolled women throughout the pregnancy. The exerts will also be assessed among fathers through the least the list year of file. Annual interim reports will be submitted until FDA has acknowledged that sufficient data have been collected.	Released	
romiplostim	Nplate	125268/0	22-Aug-2008	US PMR 003	To conduct trial 20080000; A Prospective Phase IV. Open-Label, Multi-Center, Study Evaluating the Changes in Bone Marrow Morphology in Subjects Receiving Remiplication for the Testiment of Thrombocytopenia associated with Immune (disposition). Thrombocytopenia Purpura (ITP): In this titi, at least 150 patients wit receive romiplostim and undergo bone marrow evaluations prior to, during and following the completion of completion of completion of completions of well-authorities. A strial evaluation schedule will apply to evaluation prior to, during and following the completion of completion of completions of completions of completions of completions of completions of completions of completions. This information will be updated for patients who have completed 2.4 months of trial participation and submitted in a second interim report.	Released	
romiplostim	Nplate	125268/0	22-Aug-2008	US PMR 005	To conduct a milk only lactation study in the subset of women excided in the programcy registry who choice to breastfeet their indirest. This study will be designed to detect the presence and concentration of remipostam in present like and, when healing in the blood of the inflants. The study will include a symptom diary for moments to record any adverse effects in the breastfeeding inflants. Annual interim reports will be submitted until FDA has acknowledged that sufficient data has been collected.	Released	
romiplostim	Nplate	125268/0142	24-Jan-2014	US PMR 142-1	To develop and maintain a Pregnancy Surveillance Program that collects pregnancy and felst outcomes of women exposed to complostant during pregnancy. Reports from the program will include an analysis of exposts on major and minor congenital anomalies, sportaneous abortions, stillbrints, elective terminations, adverse effects on immune system development, platelet anomalies and function, neciplant bromation, bother matrow relation formation, thoroticol events, and any serious adverse part of the Case Management process. Addenda Questionnaires for mother and for infant to enable a request for this data as part of the Case Management process.	Fulfilled	
romiplostim	Nplate	125268	28-Jan-2021	PMC 4008-1	A phase 4 observational study to evaluate the efficacy and safety of Nijitat (complication) in the setting of Hematopoietic syndrome of Acute Radiation Syndrome (HS-ARS) following acute exposure to myelcouppressive doses of radiation.	Submitted	
romosozumab	Evenity	761062	09-Apr-2019	PMR 3595-1	To evaluate the feablibility of a required post-marketing atualy or trial assessing the cardiovascular safety of Evenity, conduct a study using a sequential analysis design (e.g., repeated analyses within five 1-year blocks of calendar time following marketing approval of Evenity) to assess utilization patterns and contained the safety of Evenity of	Submitted	The Final Report for this PMR was submitted on 26 February 2025.
Sotorasib	Lumakras	214665	28-May-2021	PMR 4071-1	Conduct a multicenter, readomized clinical trial and submit the final progression-free survival (PFS) results that verify and describe the clinical benefit of sotorasib in patients with locally advanced or metastatic non-small cell lung cancer with a history of prior systemic therapy for advanced disease and whose tumors harbor Kirsten rat second (RAS) 012C multation.	Fulfilled	
Sotorasib	Lumakras	214665	28-May-2021	PMR 4071-2	Risstein rat secroms (RAPS) (1720 mulation. Conduct a mulative randomized direct lists to further characterize Conduct an uniform read of the conduct lists to further characterize Conduct an uniform read of the conduct lists to further characterize Conduct an uniform read of the conduct lists of the conduct lists to deep the conduct lists of	Fulfilled	
Sotorasib	Lumakras	214665	28-May-2021	PMR 4071-3	G12C mutated. nonsmal cell lung cancer who have necewed at least one prior systemic therapy. Conduct a hepstin impairmed inclinic tills to determine a sale and appropriate dose of solorants in patients with moderate and severe hepstin impairment. Design and conduct the tella in accordance with the tella in accordance with the impairment of the sale in accordance with the impairment of the sale in accordance with the impairment of Hepstin in Turcious. Study Design, Data Analysis, and Impact on Dosing and Labelling."	Fulfilled	
Sotorasib	Lumakras	214665	28-May-2021	PMR 4071-4	Conduct a clinical drug interaction study to assess the effect of concomilate storals administration on the systemic exposure of BCRP transporter substrates. Refer to FDA Guidance for Industry for additional details: "Clinical Drug Interaction Studies - Cytochrome PASO Enzyme and Transporter- Meditated Drug Interactions."	Fulfilled	
Sotorasib	Lumakras	214665	28-May-2021	PMC 4071-5	Submits final report containing data from clinical traits enrolling a sufficient representation of African American patients that is reflective of the US population of patients with KRAS G12C mutated non-small cell lung cancer to Jurther characterize the safety and efficacy of sotorasib in African American patients with KRAS G12C mutated non-small cell lung cancer.	Fulfilled	

Sotorasib	Lumakras	214665	22-Dec-2023	PMR 4071-6	locally advanced or metastatic non-small cell lung cancer and whose tumors harbor Kirsten rat sarcoma (KRAS) 612C mutation. The primary endpoint(s) will be progression free survival as assessed by a Blinded Independent Review Committee and/or overall survival.		
talimogene laherparepvec	Imlygic	125518/0000	27-Oct-2015	US PMR 001	To conduct a prospective observational cohort study of 920 IML/TGIC-treated patients to characterize the risk of herpetic infection among patients, close contacts, and healthcare providers, each subject will be followed for 5 years after initiating IML/YGIC (study Protocol #20130193).	Released	Released as follow up to the Good Cause Request submitted on May 31, 2024 to request extension to the mileatone dates.
talimogene laherparepvec	Imlygic	125518/0000	27-Oct-2015	US PMR 002	To complete the ongoing single-arm trial to evaluate the biodistribution and shedding of IMLYGIC in 60 IMLYGIC-treated subjects (study Protool #20120324).	Fulfilled	10 Oct 2019 FDA PMR Fulfilled letter received
avacopan	Tavneos	214487	07-Oct-2021	4155-1 (combined as one study with PMR 4155-3)	in patients with anti-neutrophi cytoplasmic automatbody (ANCA)- associated vacuits to evaluate sellar outcomes, including hepatoxicity and drug-induced liver injury, and serious hypersensitivity reactions, including angiodema and anaphylasmic.	Ongoing	
avacopan	Tavneos	214487	07-Oct-2021	PMR 4155-2	Conduct a clinical drug interaction trial to evaluate the effect of repeated doses of avecopen 30 mg twoce days with focal at takesy state on the second control of the c	Fulfilled	Fulfilled letter received from the FDA on 04 Jun 2024
avacopan	Tavneos	214487	07-Oct-2021	4155-3 (combined as one study with PMR 4155-1)	Conduct a randomized controlled clinical trial of at least five years duration in patients with min-ineutropial cytoplasmic autoantabody. AIACA)- associated vasculitis to evaluate efficacy outcomes with long-term avacc	Ongoing	
Teprotumumab	Tepezza	761142	21-Jan-2020	PMR 3780-8	A descriptive clinical trial to evaluate the safety, efficacy and need for retreatment of three different teprotumumab treatment durations for the treatment of Thyroid Eye Disease.	Ongoing	
Tarlatamab	Imdelltra	761344	16-May-2024	PMC 4635-3	Conduct an integrated analysis from organic, completed, or planned direct finish and other potential data sources as appropriate enrolling a stifficient presentation of unless States (U.S.) reside and ethnic innormy patients that is reflected of the U.S. population of patients with SCLC, to further characterise the efficacy, safely and pharmacolivetics of Tartisamab in these states of the patients of SCLC in each subopopulation to allow for interpretation of the results. The analyses should support comparative efficacy and safely outcome analyses between the aforementioned populations and White patients.	Ongoing	
Tarlatamab	Imdelltra	761344	16-May-2024	PMR 4635-2	Conduct an integrated safety analysis of data from patients with extensive stage small cell lung cancer to further characterize the long-term incidence, severity, and outcome of the known serious risks of cytokine release syndrome, immune effector cell associated neutroloxicity syndrome, and neutrologic toxicity. Include a comprehensive analysis from all available data sources associated neutroloxicity syndrome, and neutrologic toxicity. Include a comprehensive analysis from all available data sources to the comprehensive analysis from all available control associated from the confirmatory that filted "A Rendomized, open-label," Planta S Layly of Trafistantan Compared with Standard of Care in Subjects with Relapsed Small Cell Lung Cancer Alter Platinum-based First-ine Chemotherapy (DeLLphi-304).	Ongoing	
Tarlatamab	Imdelltra	761344	16-May-2024	PMR 4635-1	Conduct a multicenter randomized clinical trial intended to verify and describe the clinical benefit of Tarlatamab in patients with extensive stage small cell lung cancer (ES-SCLC) who have had disease progression on or after platinum-based chemotherapy.	Ongoing	

Description	Commitment Type	Agency Number	Commitment Activity	Related PMR info	Product Family	Due Date	Status
In vitro study to assess the amount of Ravicti (glycerol phenylbutyrate) delivered through nasogastric and gastric tubes for dosing volumes less than 1 ml.	Other	3214-1	PMR	PMR 3214-1	glycerol phenylbutyrate		Fullfilled
Analysis of clinical data to evaluate associations between elevations in plasma PAA concentration and PAA/PAGN ratio with the development of serious neurological adverse reactions, and the risk of hyperammonemia in patients. A randomized, controlled clinical trial to assess the safety and efficacy of Ravicti (glycerol phenylbutyrate) in patients with	Safety	3527-1	PMR	PMR 3527-1	glycerol phenylbutyrate	9/30/2020	Fullfilled
Urea Cycle Disorders who are treatment naïve to phenylbutyrate. A clinical trial to assess the safety, efficacy, and pharmacokinetics of RAVICTI (glycerol phenylbutyrate) and its metabolites (PBA, PAA and PAGN) during RAVICTI (glycerol phenylbutyrate) treatment in pediatric patients with Urea Cycle Disorders	Other	2013-4	PMR	PMR 2013-4	glycerol phenylbutyrate	12/31/2023	Submitted
who are under 2 months of age. A descriptive clinical trial to evaluate the safety, efficacy and need for retreatment of three different teprotumumab	Other	2013-1	PMR	PMR 2013-1	glycerol phenylbutyrate		Fullfilled
treatment durations for the treatment of Thyroid Eye Disease. Completion of the ongoing study, HZNP-TEP-302 (OPTIC-X).	Safety Safety	BLA 761143 BLA 761143	PMR PMR	PMR 3780-8 PMR 3780-9	teprotumumab teprotumumab	11/30/2026 1/31/2021	Ongoing Fullfilled
A worldwide single-arm pregnancy safety study to collect and analyze information for a minimum of 10 years on pregnancy complications and birth outcomes in women exposed to UPLIZNA (inebilizumab-cdon) during pregnancy in patients with neuromyelitis optica spectrum disorder (NMOSD). Provide a complete protocol which includes details regarding how you plan to encourage patients and providers to report pregnancy exposures (e.g., telephone contact number and/or website in prescribing information), measures to ensure complete data capture regarding pregnancy outcomes and any adverse effects in offspring, and plans for comprehensive data analysis and yearly reporting.	Safety	BLA 761142	PMR	PMR 3869-1	Inebilizumab	8/31/2033	Ongoing
A safety trial to monitor serum immunoglobulin G and M levels in patients with neuromyelitis optica spectrum disorder (NMOSD) during treatment with UPLIZNA (inebilizumab-cdon) to establish the nadir in circulating immunoglobulins during chronic treatment, and to monitor patients after discontinuation of treatment with UPLIZNA (inebilizumab-cdon) in order to ascertain the time needed to ensure restoration of pre-treatment baseline circulating serum levels of immunoglobulins G and M. This trial also should be designed to capture rates of infections, especially opportunistic and recurrent infections associated with immune suppression, and there should be monitoring of B-cell counts throughout treatment and after discontinuation until repletion of immunoglobulin levels.	Safety	BLA 761142	PMR	PMR 3869-2	Inebilizumab	8/31/2028	Ongoing
An observational safety study enrolling 500 patients treated with Krystexxa (pegloticase) for one year duration. Patients enrolled should have hyperuricemia and gout and be refractory to standard uric acid-lowering therapies (e.g., allopurinol). The study should include the following objectives: a. An evaluation of the frequency and severity of infusion reactions, anaphylaxis, and immune complex-related adverse events. b. Identification of serious adverse events associated with Krystexxa							
(pegloticase) therapy.	Safety	BLA 125293	PMR		pegloticase		Fullfilled