

Ardelyx Announces Positive Results from the Pivotal Phase 3 AMPLIFY Study Evaluating Tenapanor in Dialysis Patients Who Have Uncontrolled Hyperphosphatemia Despite Phosphate Binder Treatment

September 3, 2019

The primary and all key secondary endpoints were met.

Tenapanor in combination with binders met the primary endpoint demonstrating a statistically significant (p=0.0004) reduction of serum phosphorus compared to binders alone.

Approximately two times more patients achieved the established serum phosphorus treatment goal of less than 5.5mg/cl. in the tenapanor arm compared to binders alone (p-values00.0097) for each week of treatment.

Conference call to be held today at 8:30AM ET.

IDX), a specialized biopharmaceutical company focused on developing first-in-class medicines to improve treatment for people with cardiorenal diseases, today reported positive results from AMPUFY, a pivotal Phase 3 study of terapearor in combination with phosphate binders in patients with chronic kidney periodical with binders alone. The AMPUFY study met the primary evidpoint and all key secondary endpoints, including demonstrating a statistically significant (p-0.0004) reduction in serum phosphorus levels for patients treated with tenaparor and phosphate binders compared to phosphate binders alone. Thoughtate binders alone.



all to change the landscape of typerphosphatemia treatment – finally, a novel agent that can lower serum phosphorus allone or in corpandion with binders, "said Glevin Chertow, M.D., M.P.H., division chief of rephrology and professor of medicine at Stanford University." Faced with an extremely high mortality rate of approximately 18% per year in daily an agent of the professor of medicine at Stanford University. The professor of medicine at Stanford University. The professor of the professor of

Mike Raab, president and chief executive officer of Ardelyx added, "We are thrilled with the positive results from the AMPUFY study demonstrating that tenapanor can help significantly more patients achieve the established serum phosphorus teatment goal of less than 5.5 mg/stl... This result is striking as serum phosphorus levels above 5.5 mg/stl. are associated with increased mortality For too long, hyperphosphatemia management has been an enormous challenge for patients and crinicians. With tenapanor, patients may limit by the sharp of the sold-results from that trial, we will complete our New Dung Application for tenapanor, encompassing plot indications; monorherapy and combinating with one-flowing the important and desired the patients with a foreign the indications monorherapy and combination flexport of the tenament of hyperphosphatemia. The promising results from MAPUFLY from up one step doze for providing this important and endicate to patients with CRO or displays."

Efficacy
For the primary endpoint, patients treated in the terapanor arm (terapanor arm (terapanor in combination with phosphate binders, n=115) had a statistically significant (p=0.0004) mean reduction in serum phosphorus from baseline to the end of the four-week treatment period of 0.84 mg/dL, as compared to those treated in the binder arm [placebo in combination with phosphate binders, n=119] who had a name reduction of 0.19 mg/dL. Patients in the terapanor arm had statistically significant decreases in serum phosphorus during all flow weeks ranging from 0.84 to 1.21 mg/dL. [p-valuesg/,0004]. During the treatment period, up to 49.1% of patients in the terapanor arm achieved a serum phosphorus of <5.5 mg/dL which was statistically significant compared with up to 23.5% in the binder arm (p-valuesg/,0007). There was a statistically significant 27% to 24% reduction (p-valuesg/,0007) in FGF23 levels in the terapanor arm as compared to the binder arm. Elevated levels of FGF23 are associated with an increased risk of major cardiovascular events.

States,
Transparor was well blested. Chy 4.3% of patients in the tenganor arm discontinued freatment compared to 2.5% in the binder arm. The single adverse event with a placebo-adjusted rate greater than 3% was losse stools/darrhea at 36%, where most incidents were reported within the first five days of treatment, were transient in nature and the median time to resolution was four days after onser. Notably, only 2.6% of patients in the tenganor arm discontinued reatment due to boose stools/darrhea, as compared to 0.8% in the binder arm. There were no serious adverse events related to tenaparor.

About AMPLIFY.
ANDIELYS about beind, placeb-controlled, randomized study, enrolled a total of 236 patients with CKD on disjyrs, who despite a stable phosphate binder regimen, had a serum phosphorus level greater than or equal to 5.5 mg/stt. and less than or equal to 10.0 mg/st. as screening. After a run-in of two to four weeks, patients were randomized 1:1 to receive tenapanor or placebo twice daily white continuing their established phosphate binder regimen. Baseline serum phosphorus at a mean level of 6.8 mg/st. Tenapanor was initiated at a starting dose of 30 mg twice daily with tenapanor dose adjustments allowed based on serum phosphorus level and gastroinestsmia tolerability.

The printings reduptind of the study, was the compatition on the change from baseline in serum phosphorus levels at week four and relative change from baseline in FGF23 levels between the tenapanor and binder arms. The key secondary employinis included a comparison of the proportion of patients achieving a serum phosphorus level below 5.5 mg/st, at week four and relative change from baseline in FGF23 levels between the tenapanor and notinear man set week. (ICELT 0008/EAGS)

About Tenapanor for Hyperphosphatemia
Tenapanor, discovered and developed by Artelyx, is a first-in-class, proprietary, oral, medicine in late-stage clinical development for the cortrol of serum phosphorus in patients with CKO on dialysis. Tenapanor has a unique mechanism of action and acts locally in the gut to inhibit the sodium hydrogen exchanger 3 (NHES). This results in the lightening of the epithelial cell junctions, discovered and development, the primary pathway of phosphates absorption. In addition, if approved, tenapanor will be easier than phosphate binders for patients to take with a regimen of just one small pill, taken twice daily. The company previously reported results from its first Phase 3 monotherapy study with tenapanor in CKO patients on dialysis, reporting that the primary endpoint was met (pu-0.01) and that 50% of patients (in-164) experienced a mean serum phosphorus reduction of 2.56 mg/dt.

ome a foundational therapy for all CKD patients on dialysis who experience elevated serum pho

About Hyperphosphatemia hyperphosphatemia hyperphosphatemia is a common condition resulting in an abnormally elevated level of phosphorus in the blood find in estimated to affect more than 745,000 dayles patients in major developed countries. The kickney is the organ responsible for regulating phosphorus levels upon the phosphorus levels upon the phosphorus levels upon the phosphorus levels upon the phosphorus levels or the phosphorus levels upon th

About Fibroblast Growth Factor 23 (FGF23)
FGF23 is a protein in humans that is responsible for phosphate and vitamin D metabolism. Prospective clinical studies have demonstrated a linear association between ele

Conterence Call Information
The company will host a conference call today. September 3, 2019 at 8.30AM ET to discuss the AMPLIFY findings. To participate in the conference call, please call (855) 296-9612 (tol-free) or (920) 663-6277 (toll) and reference call ID number 9789472. A webcast of the call can also be accessed by visiting the Investor page of the company's website www.articleyx.com and will be available on the website for 60 days following the call.

About Arboy, Inc.
About Arboy,

Forward Looking Statements To the extent that statements co

Forward Looking Statements
To the estart that statements contained in this press release are not descriptions of Intainational buts regarding Aridelyx, they are forward-boding statements reflecting the current beliefs and expectations of management made pursuant to the safe harbor of the Private Securities Reform Act of 1995, including the potential for Activity's product candidates in treating the diseases and conditions for which they are being developed, the potential but the use of inequator as monotherapy and is contribution with phosphate bridges for the response of incommittee in conditions with phosphate bridges for the response of incommittee in conditions with phosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate bridges for the response of incommittee in conditions with prosphate brid

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