Amarin's AMR101 Phase 3 ANCHOR Trial Meets all Primary and Secondary Endpoints with Statistically Significant Reductions in Triglycerides at Both 4 Gram and 2 Gram Doses and S...

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MYSTIC, Conn. and DUBLIN, April 18, 2011 /PRNewswire/ -- Amarin Corporation plc (Nasdaq: AMRN [1]), a clinical-stage biopharmaceutical company with a focus on cardiovascular disease, today reported positive, statistically significant top-line results from its ANCHOR trial for the Company's lead product candidate, AMR101. The Phase 3 trial met its primary and secondary efficacy endpoints for both the 4 gram and 2 gram daily doses.

The purpose of the ANCHOR trial was to demonstrate that AMR101 is effective in reducing triglyceride levels in patients with high triglycerides without increasing LDL-C ("bad cholesterol") levels in patients on background statin therapy. The ANCHOR trial investigated AMR101 as a treatment for high triglycerides (≥200 and <500mg/dL) in 702 patients with mixed dyslipidemia (two or more lipid disorders) on background statin therapy at LDL-C (low-density lipoprotein cholesterol) goal who were at high risk of cardiovascular disease. The majority of these patients were diabetic (73%). This is the largest trial with omega-3 therapy conducted in this important patient population. All patients were on background statin therapy with simvastatin, atorvastatin or rosuvastatin. Despite the benefits of statin therapy, patients in this population have significant residual risk for cardiovascular events. The trial's primary endpoint was defined as the percentage change in triglyceride levels from baseline compared to placebo after twelve weeks of treatment. In addition, the study was powered to demonstrate a lack of LDL-C elevating effect with AMR101 compared to placebo. The trial was conducted under a Special Protocol Assessment (SPA) agreement with the FDA.

Triglyceride Reduction Levels Exceeded Company Expectations

The primary endpoint for triglyceride change was achieved at both 4 grams and 2 grams per day with median placebo-adjusted
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Links:
[1] http://studio-5.financialcontent.com/prnews?Page=Quote&Ticker=AMRN
[2] http://www.bio-medicine.org/medicine-technology-1/Amarins-AMR101-Phase-3-ANCHOR-Trial-Meets-all-Primary-and-Secondary-Endpoints-with-Statistically-Significant-Reductions-in-Triglycerides-at-Both-4-Gra-16424-1/