



Wake Forest Cyno Monkey Data

Apo E Mimetic Peptides for Orphan Dyslipidemias and Vascular Disease

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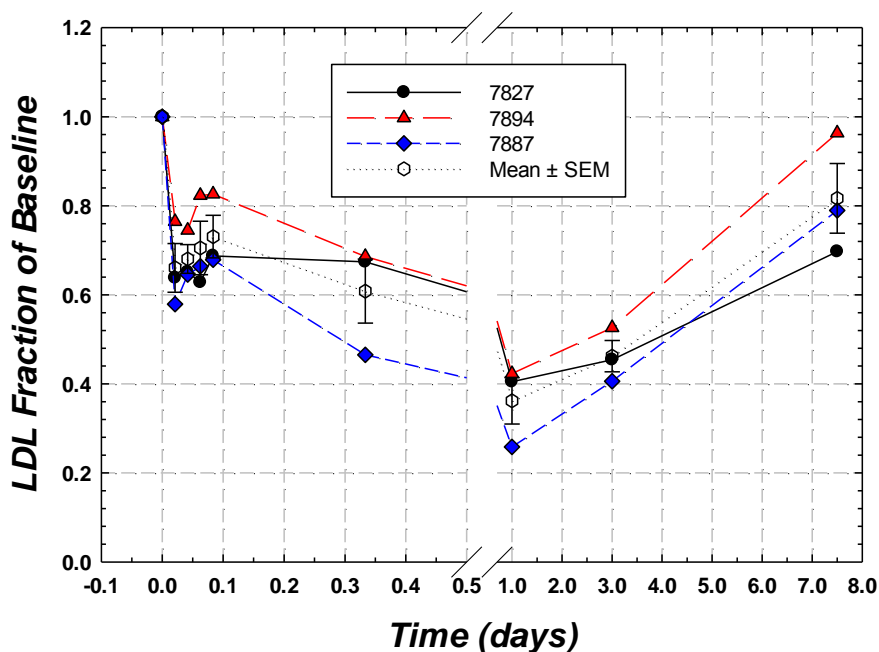
Effect of AEM-28-14 in Hypercholesterolemic Cynomolgus Monkeys

Wake Forest University Study Design

- 3 cynomolgus monkeys (2 male + 1 female) fed “Western diet” to raise cholesterol
 - 0.29 mg cholesterol/kcal
 - Mean cholesterol >300 mg/dl
- All animals were surgically instrumented for infusion
 - Anesthetized before dosing
- AEM-28-14 infused through 10-minute slow push IV
 - 1, 3 and 5 mg/kg
- Blood samples taken for 7 days
- Animals were allowed 7 additional days to recover before next dose

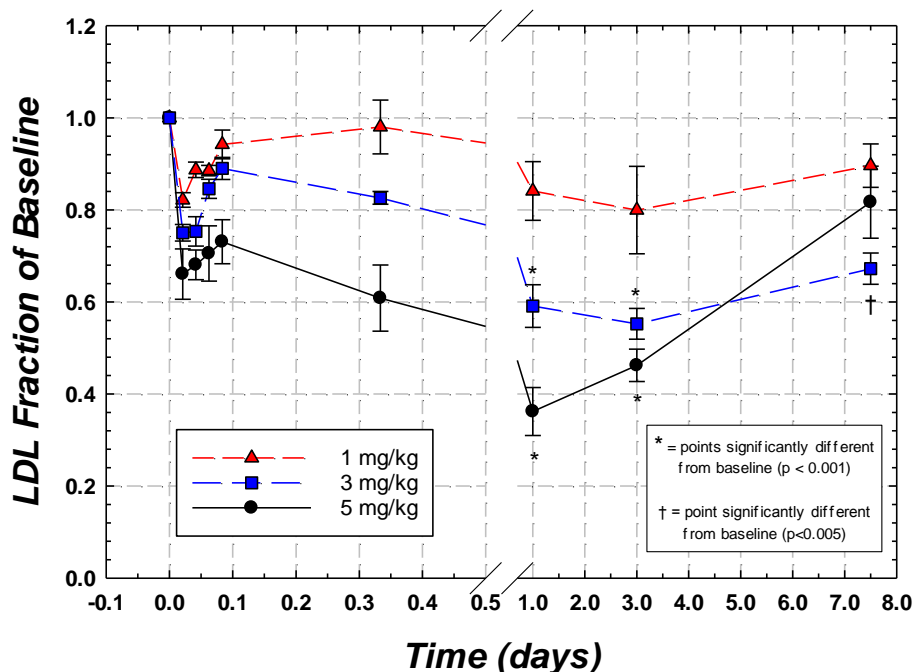
AEM-28-14 in Cyno Monkeys-December 2016

AEM-28-14 in Monkeys:
LDL Fraction of Baseline - 5 mg/kg



Individual Subjects at 5mg/kg Dose

AEM-28-14 in Monkeys:
LDL Fraction of Baseline - Means ± SEM



Mean Dose Curves at 1, 3 and 5 mg/kg

AEM-28-14 Shows Profound LDL Reduction and Duration of Effect