Statistical Methods

Sample size calculation was performed with PASS 2000 for Windows (NCSS, Kaysville, UT). Differences between experimental groups and variability for the early and delayed endpoints was derived from similar experiments conducted in our laboratory and used for calculations, making sure statistical power was at least 0.8. Statistical analyses were performed with the software package NCSS2007 for Windows (NCSS, Kaysville, UT). Differences in endpoints between two groups were assessed with Equal-Variance T-Test of two samples T-Test. Differences in endpoints among the groups Fixed factor analysis of variance (different times and different mice such as $Fib^{+/+}$, $Fib^{+/-}$, or $Fib^{-/-}$ mice) was performed with ANOVA General Linear Models analysis. A *p*-value less than 0.05 was considered statistically significant.