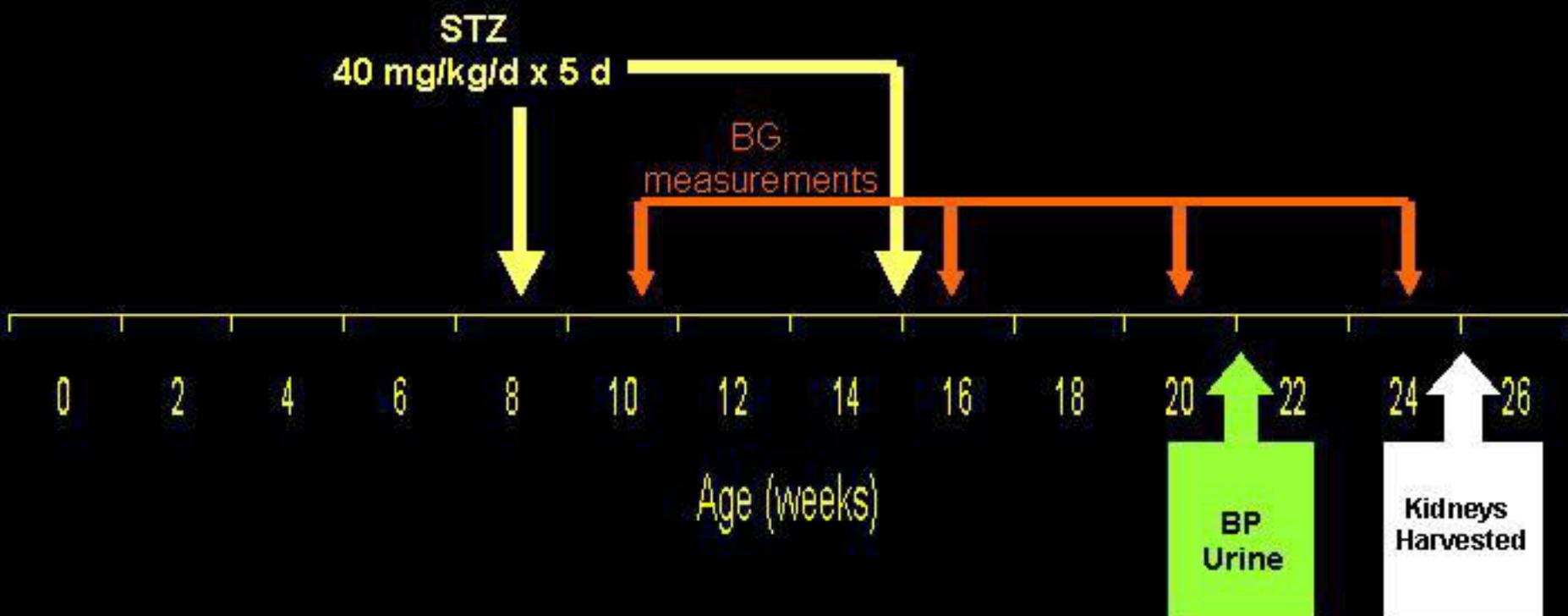
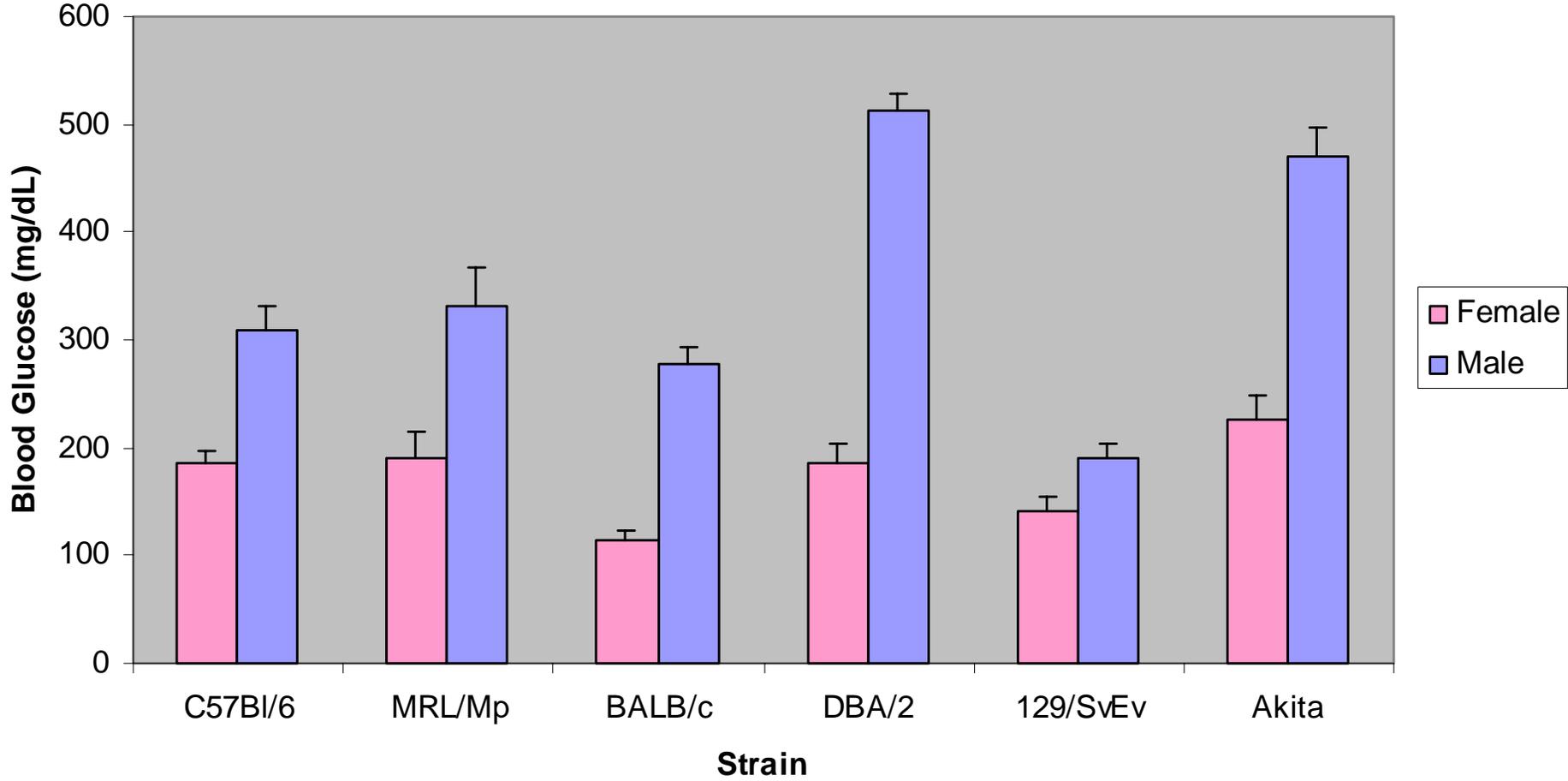


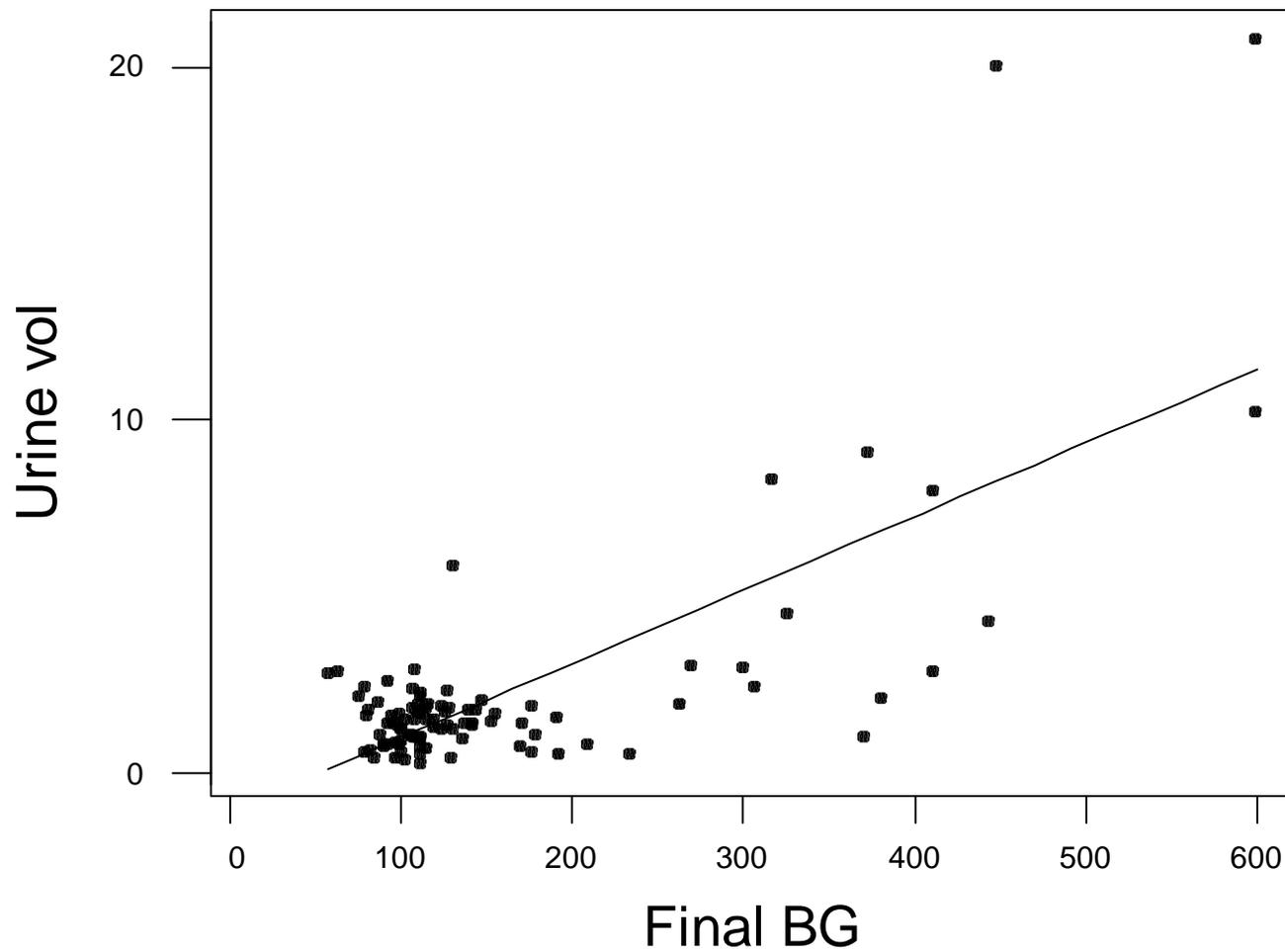
Strain Comparison Protocol



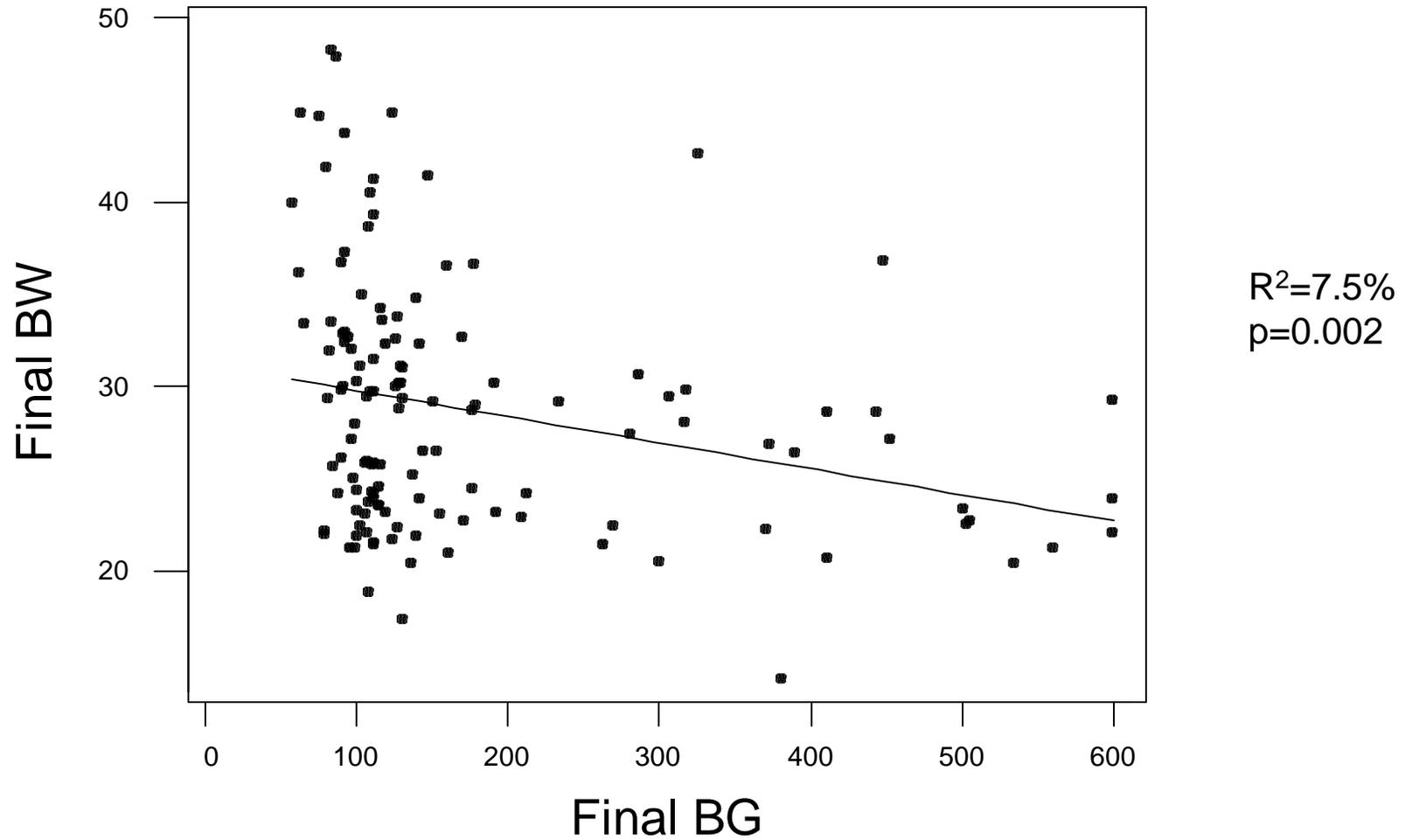


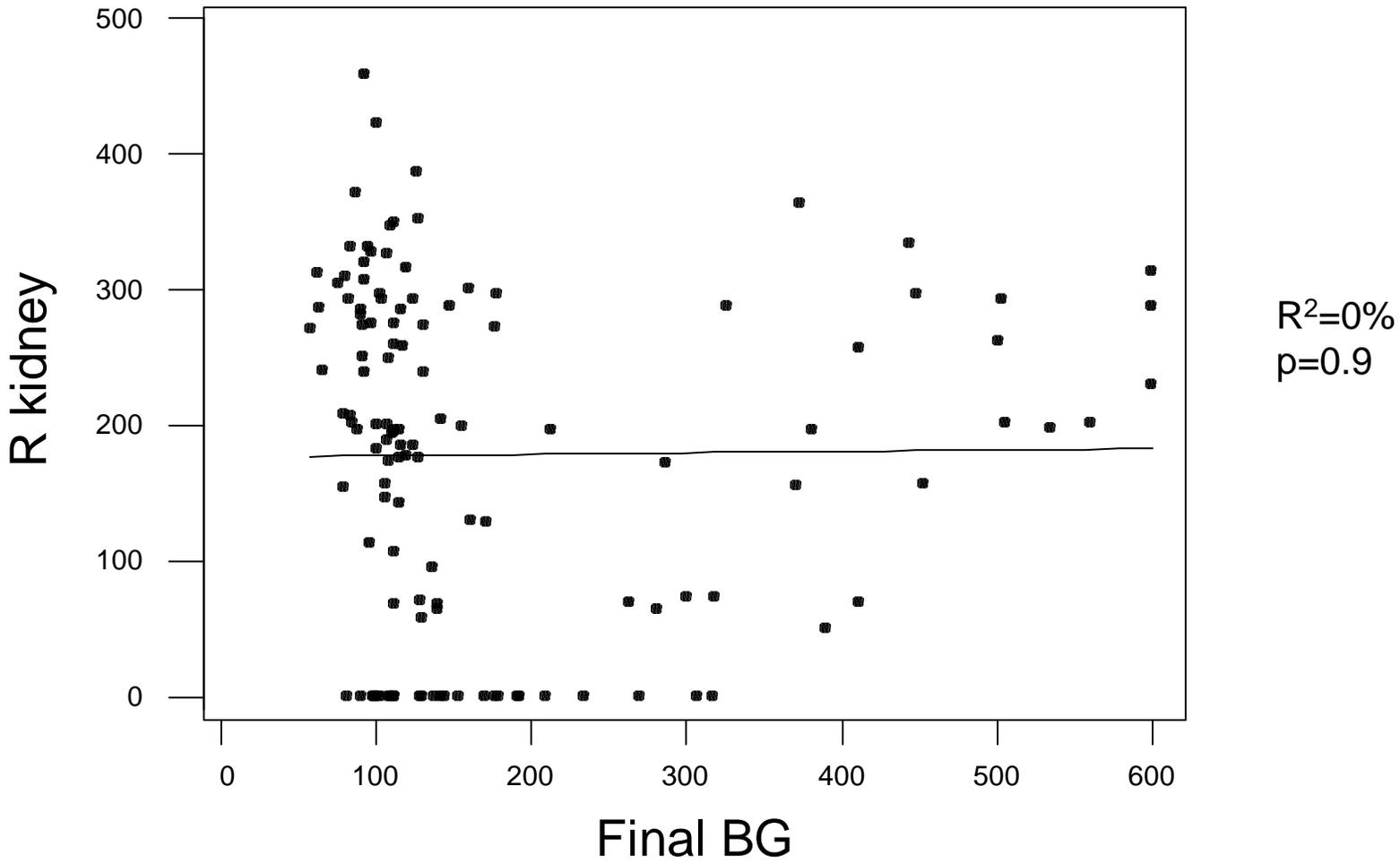
Gender Differences in Blood Glucose at 8 Weeks





$R^2=52.5\%$
 $p<0.005$





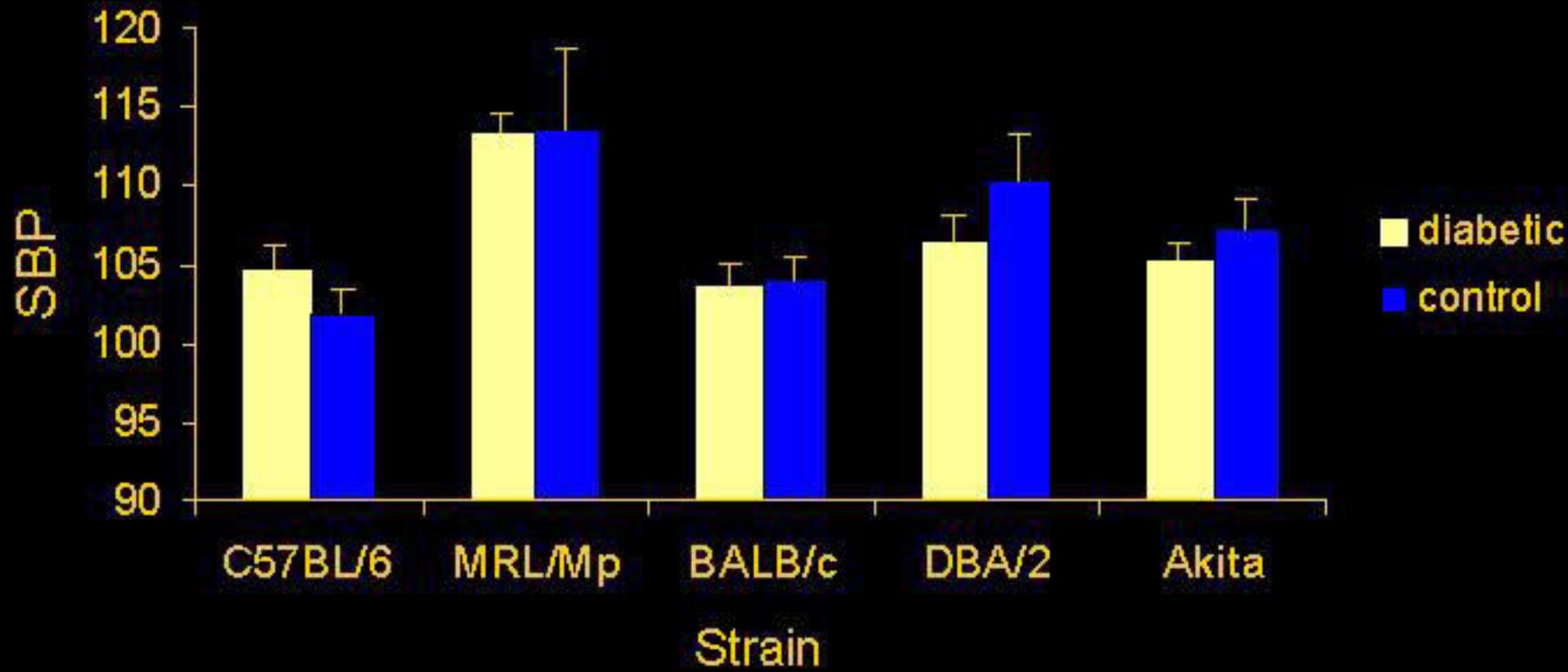
Systolic Blood Pressures in Male Mice

*

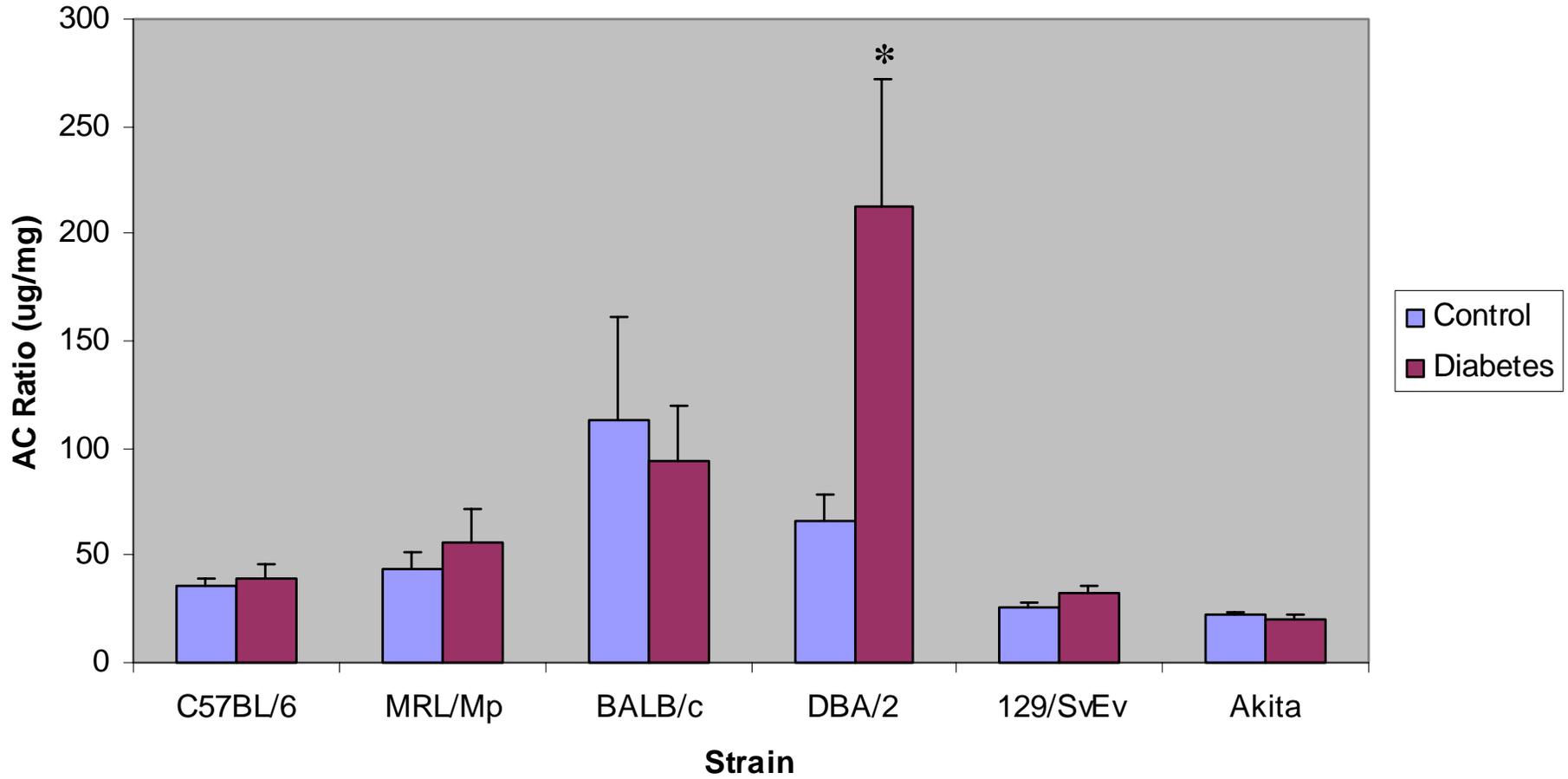
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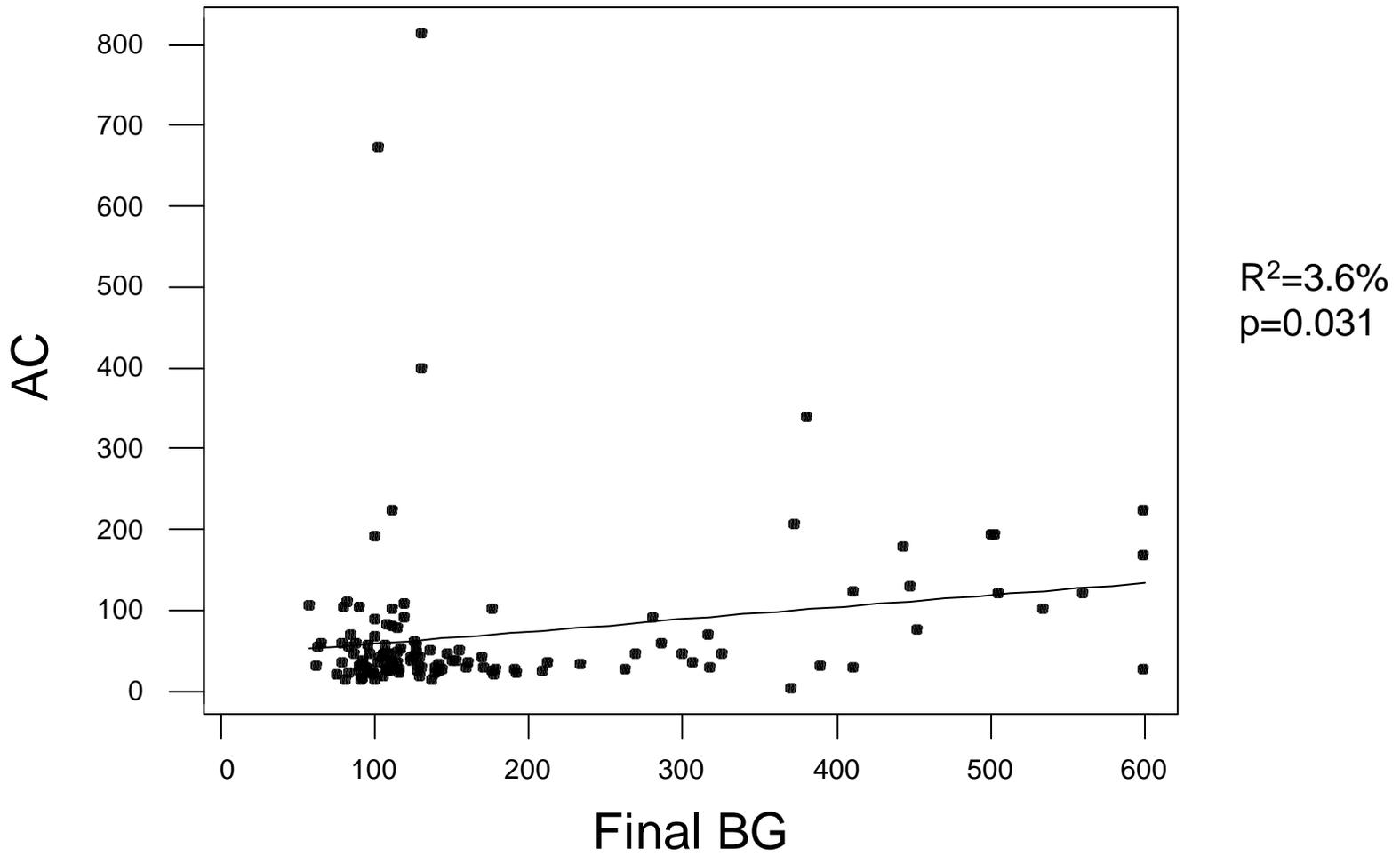
*

Systolic Blood Pressure in Female Mice



AC Ratio

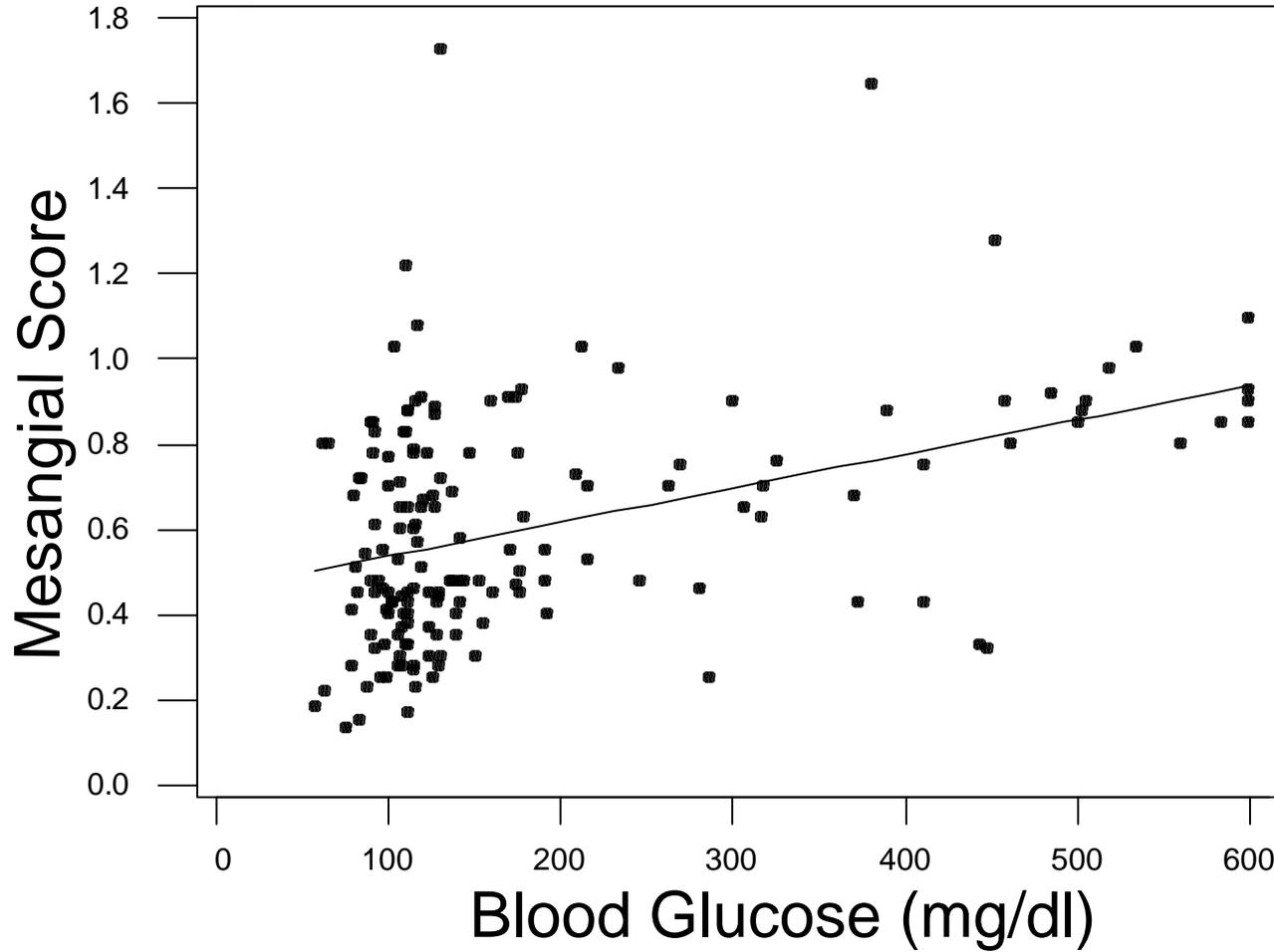




Strain Differences in Mesangial Expansion



Correlation of Mesangial Score with Blood Glucose in Diabetic Mice



$R^2=16.4\%$
 $p<0.005$

Kidney Screens in Progress

- *Agtr1a* gene duplication (4 copies with 150% increase in AT1A receptor levels)
- TIMP3 knockouts
- TP receptor knockouts
- Renin transgenics-constitutive expression with albumin promoter
- ACE2 knockouts