Sitagliptin 100mg/kg/day
Sprague Dawley rats treated for 2 weeks

- Excision of heart for Langendorff perfusion
  - I/R at 5mmol/L
  - I/R at 11mmol/L alone or added 0.01% DMSO or added 3nM Exendin-9-39

Infarct assessment with TTC.

Vildagliptin 20mg/kg/day
Sprague Dawley rats treated for 2 weeks

- Excision of heart for Langendorff perfusion
  - I/P injection of H-89 or DMSO
  - I/R at 5mmol/L
  - I/R at 11mmol/L alone or added 0.01% DMSO or added 3nM Exendin-9-39

Infarct assessment with TTC.