Untreated I/R hearts showed an increase in mean fluorescence by almost two-fold in the left ventricle at 45 minutes of perfusion. Whereas the right ventricle and septum showed equivalent fluorescence compared to the left ventricle at 45 min perfusion.

Microsphere fluorescence is theorized to be representative of coronary regional flow. Data in figure 4 show a ratio of the microsphere fluorescence per gram tissue weight between PKC\d- treated I/R hearts and untreated I/R hearts in right ventricle, septum, and left ventricle. PKC\d- treated I/R hearts showed an increase in mean fluorescence by almost two-fold in the left ventricle at 45 minutes of perfusion. Whereas the right ventricle and septum showed equivalent fluorescence compared to the left ventricle at 45 min perfusion.

### References


### Acknowledgements

The study was supported by the Department of Medical Sciences, Shanghai College of Osteopathic Medicine and the Pennsylvania Department of Heath, Grant: R01GM076046.