



UNIVERSITY  
*of York*

**Working Title**  
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**Key Words:** Atherosclerosis • Wnt Signalling Pathway •  $\beta$ catenin • Shear Stress • Human Umbilical Vein Endothelial Cells (HUVECs) • Angiopoietin-2 • Thrombospondin-1

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## Introduction

## Methods

### HUVECs

### Orbital Shaker

Plates were placed on an orbital shaker to rotate at 210 rpm for 72 hours.

35 **RNA Extraction**

36 **cDNA Synthesis**

37 Verso cDNA Synthesis Kit

38 **qPCR**

39 RNEasy Mini Kit

40 **Results**

41 **Discussion**

42 **Acknowledgements**

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44 **References**