



ANGIOGENESIS MODELS

Angiogenesis is an important physiological process in the body involving the growth of new capillary blood vessels. Upon stimulation, the newly formed blood vessels are able to repair or enhance perfusion to organs. Abnormal blood vessel growth, however, plays a pivotal role in a plethora of conditions, including tumor growth, diabetes-related complications, chronic wounds, cardiovascular diseases, peripheral ischemic conditions and stroke.

Pharmaseed provides a comprehensive array of translational research and development services, from early-stage R&D to first-in-man. Our state-of-the-art GLP-accredited laboratories and animal facility are well equipped to address the needs of all developmental stages of pharmaceutical, medical device and biotechnology products.

With more than 200 years of accumulated experience in academic and applied scientific research, Pharmaseed is your preferred choice of R&D partner.

EXPERIMENTAL MODELS

- IN-VIVO MODELS
 - HIND LIMB ISCHEMIA
 - CORNEAL POCKET
 - STROKE (TRANSIENT AND PERMANENT OCCLUSION)
 - CARDIAC INFARCTION
- EX-VIVO MODELS
 - AORTIC RING IN RAT
 - CHORIOALLANTOIC MEMBRANE MODEL IN CHICK EMBRYO
- IN-VITRO MODELS
 - ENDOTHELIAL TUBE FORMATION
 - ENDOTHELIAL CELL MIGRATION

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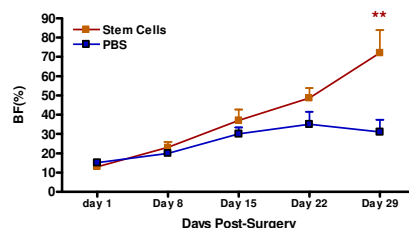


Figure I: Changes in limb blood flow [BF%] following stem cells implantation in a murine model of hind limb ischemia.

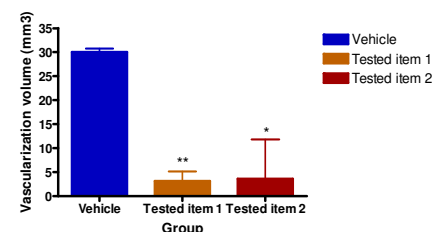


Figure II: Measurement of angiogenesis utilizing the experimental corneal angiogenesis rabbit model.

