CLAIMS

1. A composition comprising a population of culture expanded genetically unmodified stem cells in which the culture expanded cells express angiopoietin-1 (Ang1) and vascular endothelial growth factor (VEGF) at a ratio [Ang1:VEGF] between 2:1 and 30:1.

2. A composition according to Claim 1, in which the stem cells express Ang1:VEGF at a ratio between 5:1 and 20:1.

3. A composition comprising a population of culture expanded genetically unmodified stem cells in which the culture expanded cells express vascular endothelial growth factor (VEGF) in an amount of at least 0.05 $\mu g/10^6$ cells.

3. A composition according to Claim 1, 2 or 3, in which the stem cells are mesenchymal stem cells.

4. A composition according to any preceding claim, in which the stem cells are mesenchymal precursor cells.

5. A composition according to any preceding claim, further comprising an acceptable pharmaceutical carrier.

6. An *in vitro* method for culture expanding stem cells, the method comprising:

culturing a population of stem cells in a cell culture media, in which the cell culture media contains:

a L-ascorbic acid salt; and/or

non-fetal serum.

7. A method according to Claim 6, in which the L-ascorbic acid salt is L-ascorbic acid sodium salt.

8. A method according to Claim 6 or 7, in which the cell culture media is supplemented with at least about 5% v/v FCS.

9. A method according to Claim 6, 7 or 8, in which the non-fetal serum is new born calf serum (NBCS).

10. A method according to Claim 9, in which the cell culture media contains NBCS at a level of at least 2% v/v.

11. A method according to Claim 9, in which the cell culture media contains NBCS at a level of at least 5% v/v.

12. A method according to Claim 9, 10 or 11, in which the cell culture media is supplemented with a mixture of NBCS and FCS.

13. A method according to Claim 12, in which the ratio of NBCS to FCS is about 1:1.

14. A method according to Claim 12, in which the media is supplemented with 5% v/v FCS and 5% v/v NBCS.

15. Use of a composition of any one of Claims 1 to 5 for promoting vascularisation and/or angiogenesis.