CLAIMS

1. A composition comprising a recombinant polynucleic acid construct, wherein the recombinant polynucleic acid construct is an RNA construct comprising:
   (i) at least one nucleic acid sequence encoding or comprising a small interfering RNA (siRNA) capable of binding to a target RNA; and
   (ii) at least one nucleic acid sequence encoding a gene of interest;
   wherein the target RNA is different from an mRNA encoded by the gene of interest, and
   wherein the at least one nucleic acid sequence encoding the gene of interest and the at least one nucleic acid sequence encoding or comprising the siRNA are comprised in a sequential manner and wherein the at least one nucleic acid sequence encoding the gene of interest and the at least one nucleic acid sequence encoding or comprising the siRNA are simultaneously expressed from a single transcript.
2. The composition of claim 1, wherein the siRNA does not inhibit the expression of the gene of interest.
3. The composition of any one of claims 1-2, wherein the recombinant polynucleic acid construct comprises two or more nucleic acid sequences encoding or comprising an siRNA capable of binding to a target RNA, wherein each of the two or more nucleic acid sequences encodes or comprises an siRNA capable of binding to a same target RNA or a different target RNA.
4. The composition of any one of claims 1-3, wherein the recombinant polynucleic acid construct further comprises a nucleic acid sequence encoding or comprising a linker.
5. The composition of any one of claims 1-4, wherein the target RNA is an mRNA encoding a protein selected from the group consisting of: Interleukin 8 (IL-8), Interleukin 1 beta (IL-1 beta), Interleukin 17 (IL-17), Tumor Necrosis Factor alpha (TNF-alpha), Activin Receptor-like Kinase 2 (ALK2), and Superoxide Dismutase 1 (SOD1).
6. The composition of any one of claims 1-5, wherein the gene of interest is selected from the group consisting of Insulin-like Growth Factor 1 (IGF-1), Interleukin 4 (IL-4), and Erythropoietin (EPO).
7. The composition of any one of claims 1-6, wherein the recombinant polynucleic acid construct is a vector suitable for gene therapy.

8. A composition comprising a recombinant polynucleic acid construct comprising a nucleic acid sequence selected from the group consisting of SEQ ID NOs: 1-8 and SEQ ID NOs: 152-158.
9. The composition of any one of claims 1-8, wherein the siRNA comprises a sense strand sequence encoded by a sequence selected from SEQ ID NOs: 80-92 and SEQ ID NOs: 140-145.
10. The composition of any one of claims 1-9 for use in simultaneously modulating the expression of two or more genes in a cell.
11. The composition of any one of claims 1-9, wherein the siRNA capable of binding to the target RNA binds to an exon of the target RNA.
12. The composition of any one of claims 1-9 and 11, wherein the siRNA capable of binding to the target RNA is not encoded by or comprised of an intron sequence of the gene of interest.
13. The composition of any one of claims 1-9 and 11-12, wherein the gene of interest is expressed without RNA splicing.
14. The composition of any one of claims 1-9 and 11-13 for use in the treatment of a skin disease or condition, a muscular disease or condition, a neurodegenerative disease or condition or a joint disease or condition, wherein the composition is to be administered to a subject in need thereof.
15. Use of the composition of any one of claims 1-9 and 11-13 in the manufacture of a medicament for the treatment of a skin disease or condition, a muscular disease or condition, a neurodegenerative disease or condition or a joint disease or condition, wherein the medicament is to be administered in a subject in need thereof.
16. A method of simultaneously modulating the expression of two or more genes in a cell, comprising introducing into the cell a recombinant polynucleic acid construct, wherein the recombinant polynucleic acid construct is an RNA construct, comprising: (i) at least one nucleic acid sequence encoding or comprising a small interfering RNA (siRNA) capable of binding to a target messenger RNA (mRNA); and (ii) at least one nucleic acid sequence encoding a gene of interest; wherein the target mRNA is different from an mRNA encoded by the gene of interest, and wherein the expression of the target mRNA and the gene of interest is modulated simultaneously from a single transcript.