WHAT IS CLAIMED IS:

1. A new class of therapeutic cells called T-vehicles for allogeneic use within a recipient, wherein a T-vehicle is characterized in that it comprises a human T cell which has a native T cell receptor that recognizes a non-human antigen, and said human T cell is modified with at least one therapeutic attribute.

2. The new class of therapeutic cells of claim 1, wherein the therapeutic attribute is the expression of chimeric antigen receptor.

3. The new class of therapeutic cells of claim 1, wherein the therapeutic attribute is the expression of a recombinant protein.

4. The new class of therapeutic cells of claim 3, wherein the recombinant protein is a cytokine.

5. The new class of therapeutic cells of claim 4, wherein the cytokine is IL2, IL7, or GM-CFS.

6. The new class of therapeutic cells of claim 1, wherein the therapeutic attribute is the expression of a receptor that recognizes a cytokine.

7. The new class of therapeutic cells of claim 6, wherein the cytokine is IL4.

8. The new class of therapeutic cells of any one of claims 1 to 7, wherein said therapeutic cells express a suicide gene.

9. The new class of therapeutic cells of claim 8, wherein the suicide gene is thymidine kinase from herpes simplex virus 1, or fas associated death domain-containing protein, or caspase 9.

10. The new class of therapeutic cells of any one of claims 1 to 9, wherein said therapeutic cells have a native antigen receptor that only recognizes a single epitope of the non-human antigen.

11. The new class of therapeutic cells of any one of claims 1 to 10, wherein the non-human antigen is from a virus, from a bacteria or from a fungus.

12. The new class of therapeutic cells of any one of claims 1 to 11, wherein said cells have a HLA that is a partial match to the HLA of the recipient.

13. The new class of therapeutic cells of any one of claims 1 to 11, wherein said cells have a HLA that is a mismatch to the HLA of the recipient.

14. The new class of therapeutic cells of any one of claims 1 to 13, wherein the HLA of the recipient is unknown.