26. The vector of claim 25, wherein the gene switch is an EcR-based gene switch.

27. The vector of any one of claims 24 to 26, wherein the vector is an adenovirus, an adeno-associated virus, a retrovirus, or a lentivirus.

28. An isolated host cell or a non-human organism transformed or transfected with the vector of any one of claims 24 to 27.

29. The isolated host cell of claim 28, wherein the host cell is an immune cell or a stem cell.

30. The isolated host cell of claim 29, wherein the immune cell is a dendritic cell, a macrophage cell, a neutrophil cell, a mast cell, an eosinophil cell, a basophil cell, a natural killer cell, or a lymphocyte cell.

31. The isolated host cell of claim 30, wherein the lymphocyte cell is a T cell.

32. The isolated host cell of claim 29, wherein the stem cell is a mesenchymal stem cell, an endometrial stem cell, or an embryonic stem cell.

33. The isolated host cell of claim 32, wherein the endometrial stem cell is an endometrial regenerative cell (ERC).

34. A medicament comprising the polypeptide of any one claims 1 to 20, the polynucleotide of any one of claims 21 to 23, the vector of any one of claims 24 to 27, or the isolated host cell of any one of claims 28 to 33.