Claims:

1. An extracellular vesicle comprising an exogenous polypeptide tag, wherein the tag is covalently linked to a membrane protein of the extracellular vesicle.

2. The extracellular vesicle according claim 1, wherein the tag comprises one or more functional domain(s) wherein the functional domain is capable of binding to a target moiety, capable of being detected and/or capable of inducing a therapeutic effect.

3. The extracellular vesicle according to claim 2, wherein the functional domain comprises an antibody or antigen binding fragment, preferably a sdAb.

4. The extracellular vesicle according to any one of the preceding claims, wherein the extracellular vesicle is a microvesicle or exosome, preferably a microvesicle.

5. The extracellular vesicle according to claim 4, wherein the extracellular vesicle is a microvesicle derived from a red blood cell.

6. The extracellular vesicle according to any one of the preceding claims, wherein the extracellular vesicle is loaded with a cargo.

7. The extracellular vesicle according to claim 6, wherein the cargo is a nucleic acid, peptide, protein or small molecule.

8. The extracellular vesicle according to claim 7, wherein the cargo is a nucleic acid selected from the group consisting of an antisense oligonucleotide, a messenger RNA, a long RNA, a siRNA, a miRNA, a gRNA or a plasmid.

9. A composition comprising one or more extracellular vesicles according to any one of claims 1 – 8.

10. An extracellular vesicle or composition according to any one of the preceding claims, for use in a method of treatment.

11. A method of treatment, the method comprising administering an extracellular vesicle according to claim 1 to a patient in need of treatment.

12. Use of an extracellular vesicle or composition according to any one of claims 1-11 in the manufacture of a medicament for the treatment of a disease or disorder.

13. The extracellular vesicle or composition for use, method of treatment or use according to any one of claims 10-12 wherein the method of treatment involves administration go an extracellular vesicle or

composition according to any one of claims 1-9 to a subject with a genetic disorder, inflammatory disease, cancer, autoimmune disorder, cardiovascular disease or a gastrointestinal disease.

14. The extracellular vesicle or composition for use, method of treatment or use according to claim 13 wherein the subject has cancer, the cancer optionally selected from leukemia, lymphoma, myeloma, breast cancer, lung cancer, liver cancer, colorectal cancer, nasopharyngeal cancer, kidney cancer or glioma.

15. A method comprising contacting an extracellular vesicle with a tag and a protein ligase under conditions which allow covalent binding between the tag and a surface protein of the extracellular vesicle, thereby generating a tagged extracellular vesicle.

16. A method comprising:
    (a) contacting an extracellular vesicle with a peptide and first protein ligase under conditions which allow covalent binding between the peptide and a surface protein of the extracellular vesicle, thereby generating a peptide tagged extracellular vesicle; and
    (b) contacting the peptide tagged extracellular vesicle with a functional domain peptide and a second protein ligase under conditions which allow covalent binding between the peptide covalently bound to the extracellular vesicle and the functional domain peptide.

17. The method according to claim 16 wherein the first and second peptide ligases are the same.

18. The method according to claim 16 wherein the first and second peptide ligases are different.

19. The method of claim 15 or claim 16 wherein the method further comprises contacting the extracellular vesicle with a cargo and electroporating to encapsulate the cargo with the extracellular vesicle.

20. The method according to any one of claims 16 to 18 wherein the protein ligase is selected from the group consisting of a sortase or AEP1, preferably sortase A.

21. An extracellular vesicle obtained by a method according to any one of claims 15-20.

22. A tag, the tag comprising a binding molecule and a protein ligase recognition site, the tag optionally further comprising a spacer, the spacer arranged between the binding molecule and the protein ligase recognition site.

23. Nucleic acid encoding the tag according to claim 22.