Figure 1

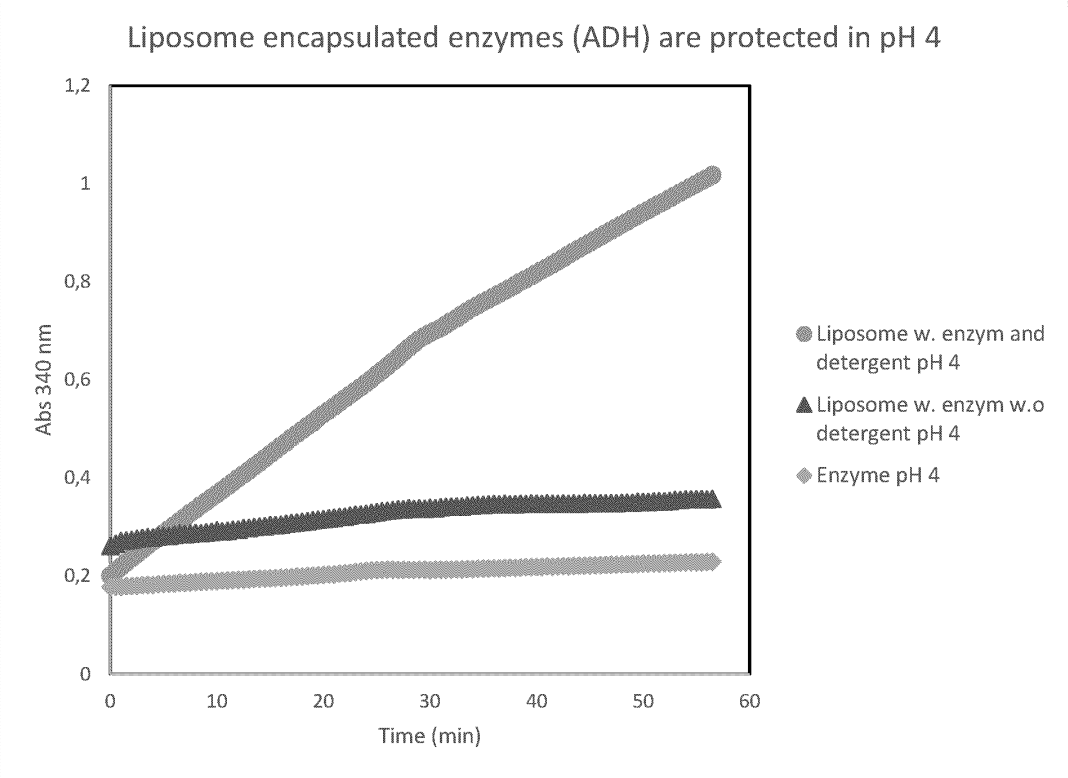


Figure 2

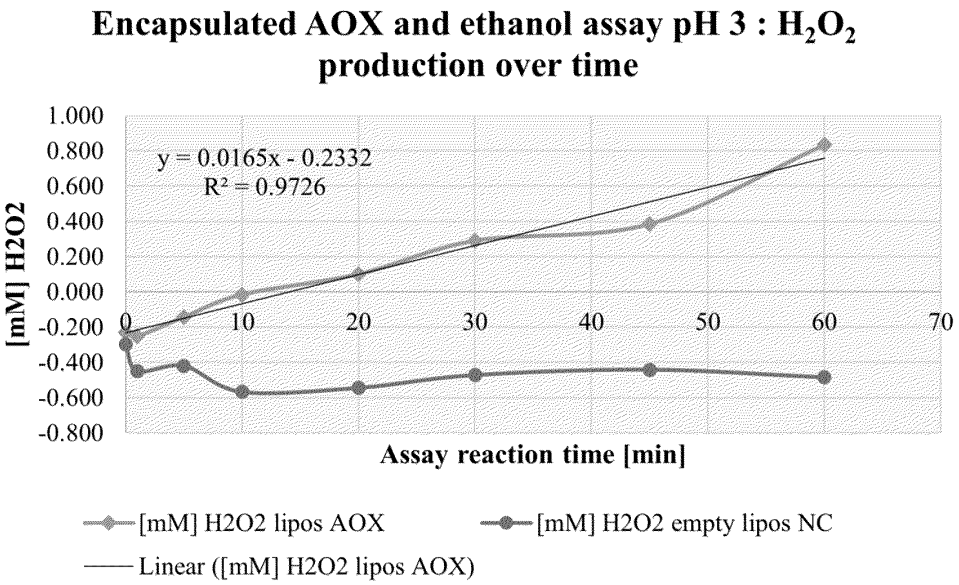


Figure 3

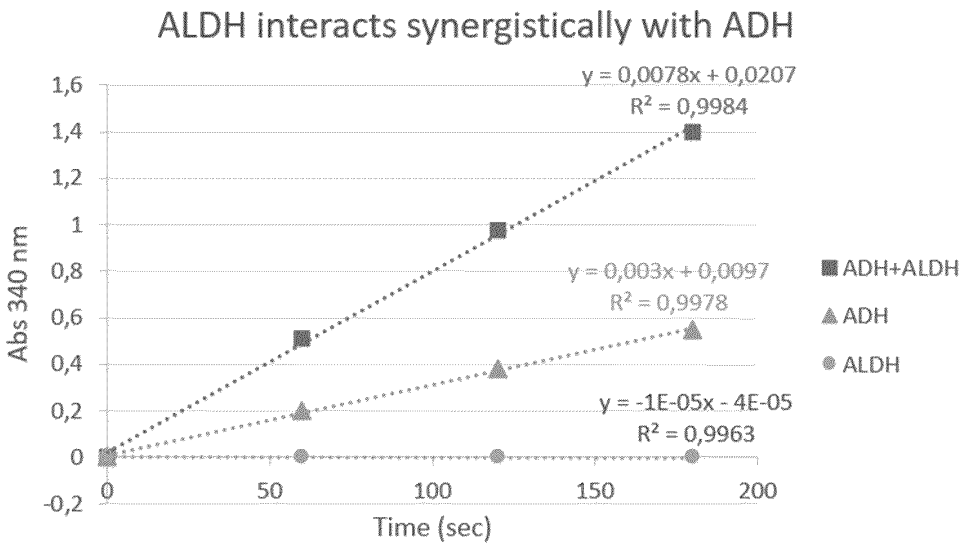


Figure 4

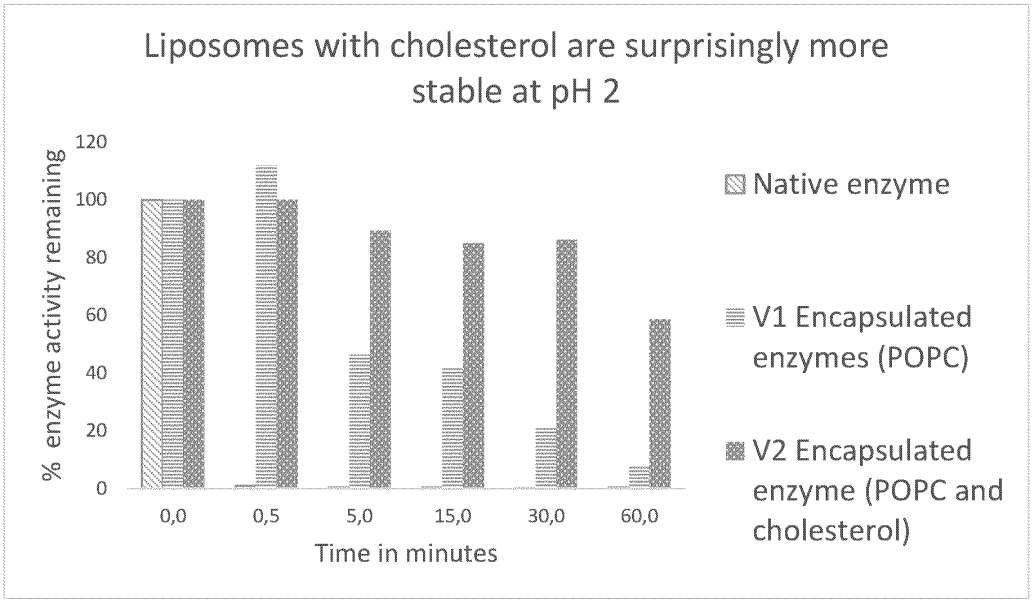


Figure 5

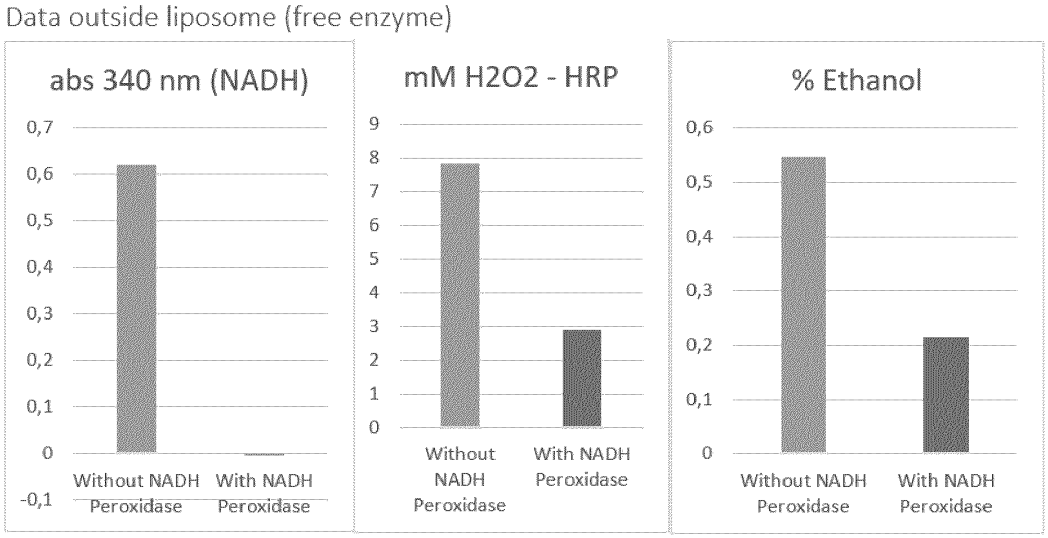


Figure 6

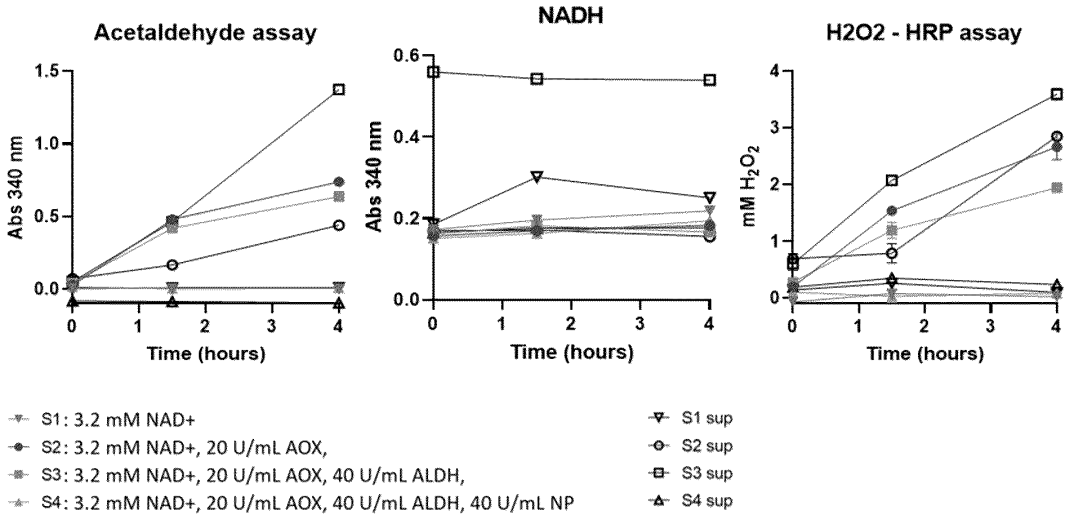
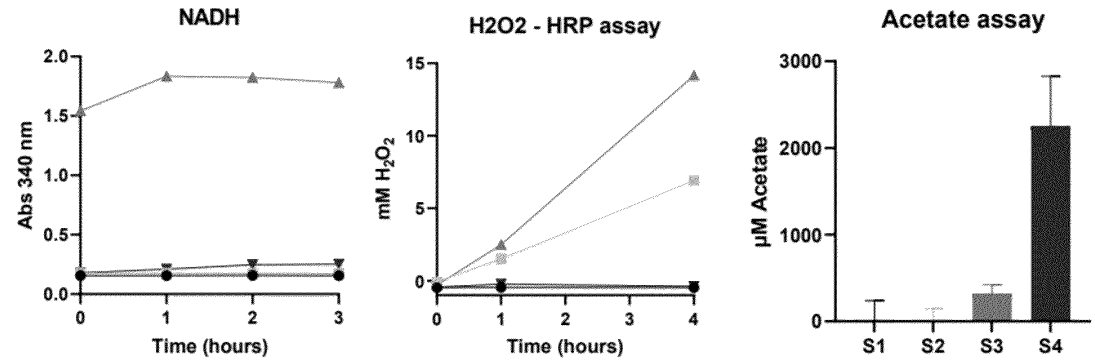
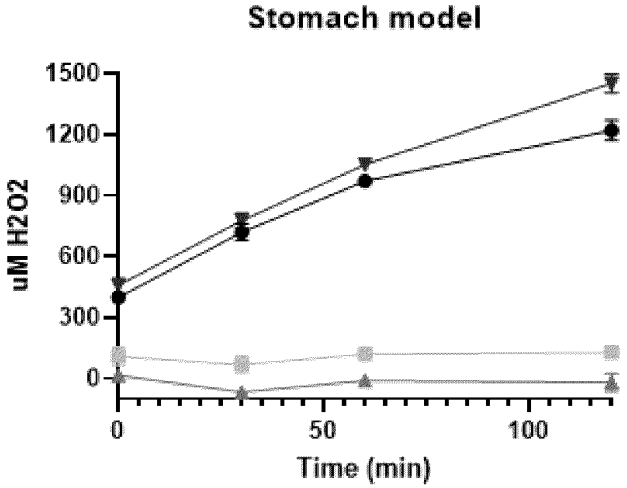


Figure 7



S1: 0.8 mM NAD+
S2: 0.8 mM NAD+, 5 U/mL AOX, 10 U/mL NP
S3: 0.8 mM NAD+, 5 U/mL AOX, 1 U/mL ALDH
S4: 0.8 mM NAD+, 5 U/mL AOX, 1 U/mL ALDH, 10 U/mL NP

Figure 8



S1: Liposomes with 100 U/mL AOX
S2: Empty liposome
S3: Free 100 U/mL AOX (supernatant)
S4: Liposomes with 100 U/mL AOX in standard pH 3 buffer

Figure 9

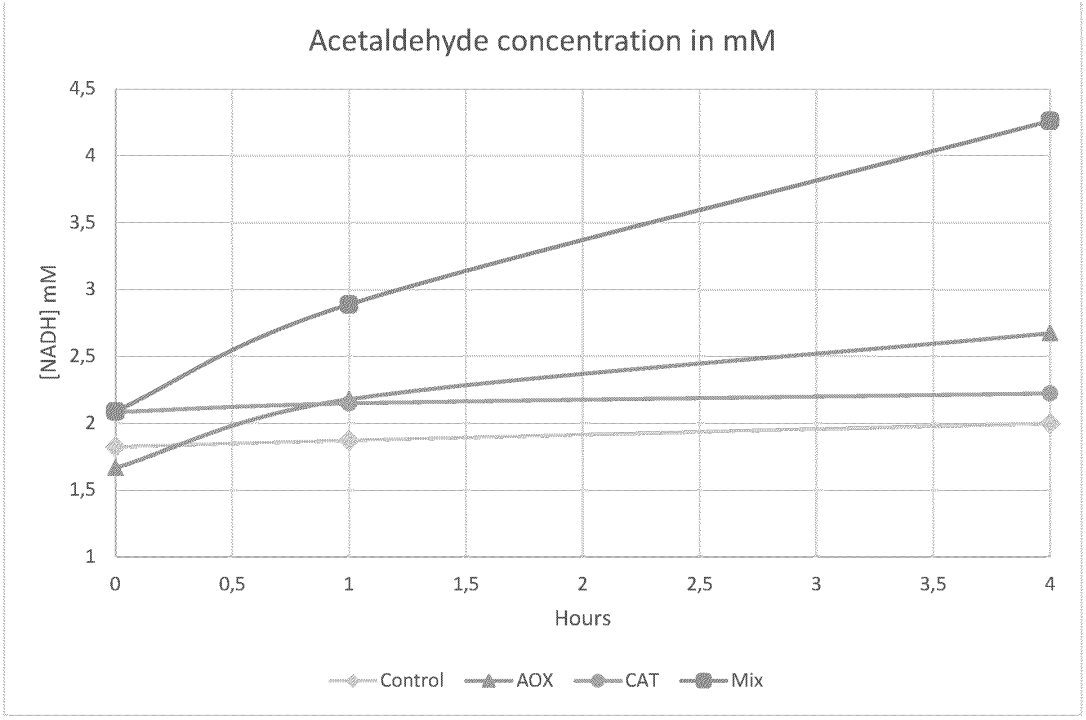
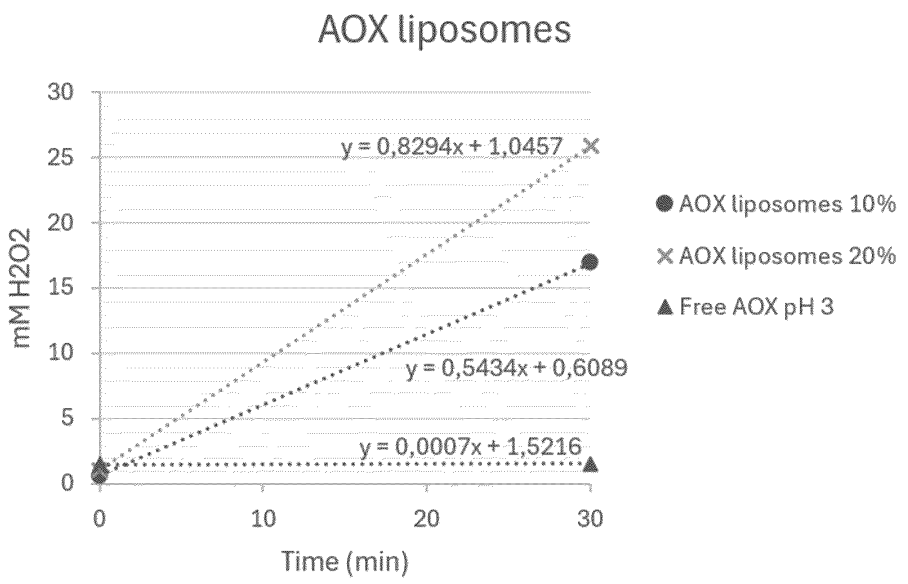

Acetaldehyde concentration in mM
[NADH] mM
4,5
4
3,5
3
2,5
2
1,5
1
0
0,5
1
1,5
2
2,5
3
3,5
4
Hours
Control
AOX
CAT
Mix

Figure 10


AOX liposomes
mM H2O2
Time (min)
y = 0,8294x + 1,0457
y = 0,5434x + 0,6089
y = 0,0007x + 1,5216
AOX liposomes 10%
AOX liposomes 20%
Free AOX pH 3