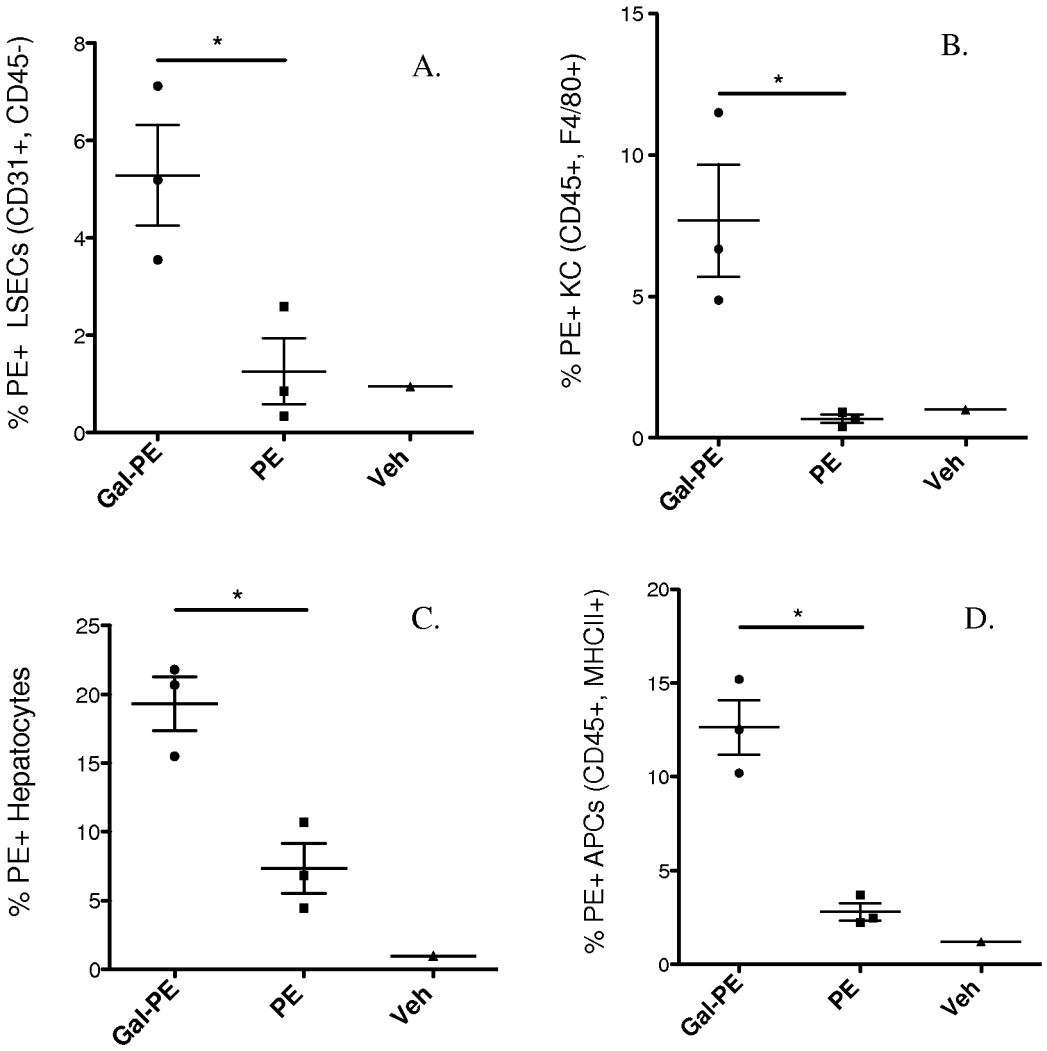

A.
% PE+ LSECs (CD31+, CD45-)
8
6
4
2
0
*
Gal-PE
PE
Veh
B.
% PE+ KC (CD45+, F4/80+)
15
10
5
0
*
Gal-PE
PE
Veh
C.
% PE+ Hepatocytes
25
20
15
10
5
0
*
Gal-PE
PE
Veh
D.
% PE+ APCs (CD45+, MHCII+)
20
15
10
5
0
*
Gal-PE
PE
Veh

FIG. 1

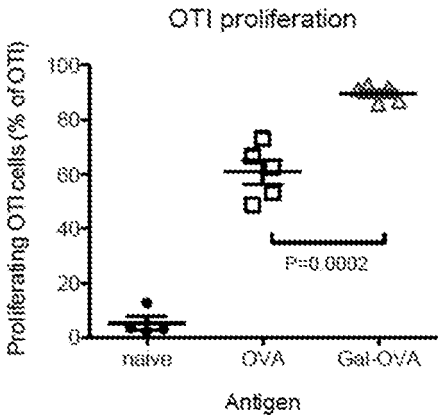

OTI proliferation
Proliferating OTI cells (% of OTI)
100
80
60
40
20
0
P=0.0002
naive
OVA
Gal-OVA
Antigen

FIG. 2

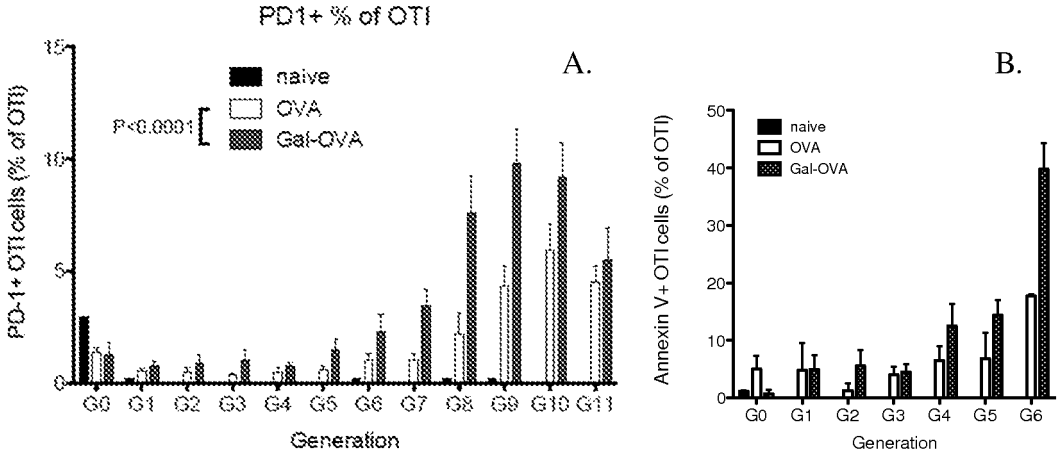

PD1+ % of OTI
A.
B.
PD-1+ OTI cells (% of OTI)
naive
OVA
Gal-OVA
P<0.0001
G0 G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11
Generation
Annexin V+ OTI cells (% of OTI)
50
40
30
20
10
0
G0 G1 G2 G3 G4 G5 G6
Generation

FIG. 3

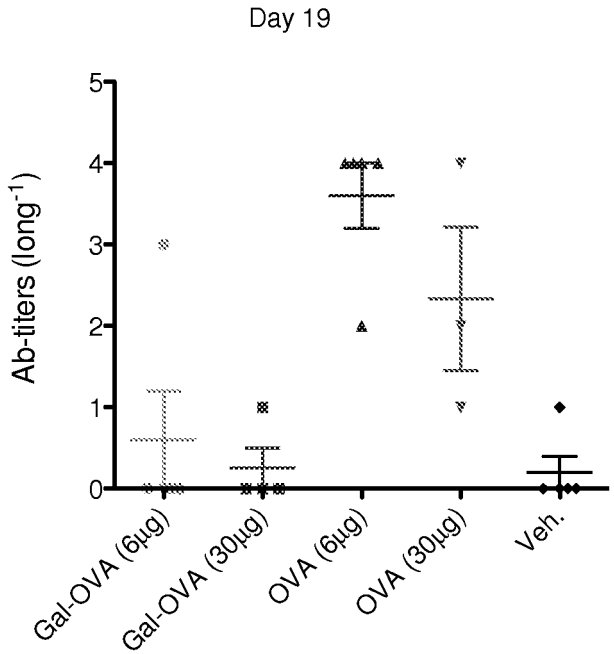

Day 19
Ab-titers (long-1)
5
4
3
2
1
0
Gal-OVA (6µg)
Gal-OVA (30µg)
OVA (6µg)
OVA (30µg)
Veh.

FIG. 4

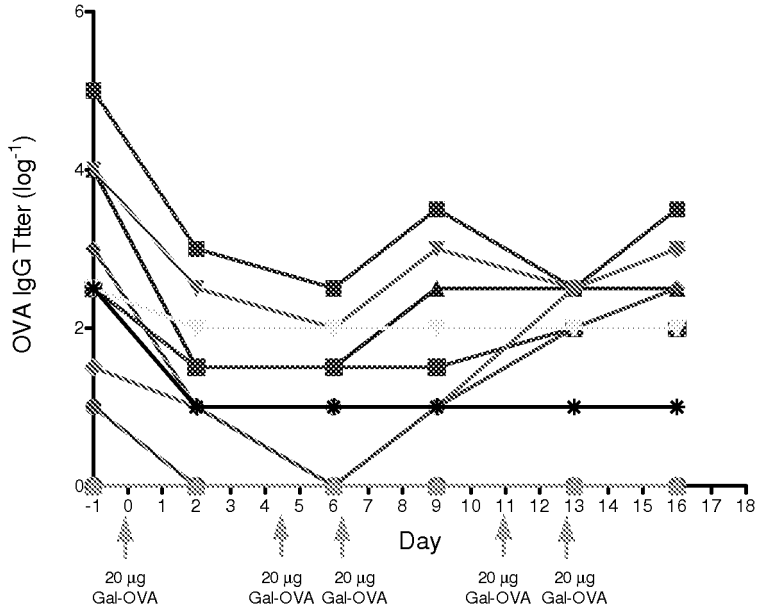

OVA IgG Tter (log-1)
6
4
2
0
-1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Day
20 µg Gal-OVA
20 µg Gal-OVA
20 µg Gal-OVA
20 µg Gal-OVA
20 µg Gal-OVA

FIG. 5

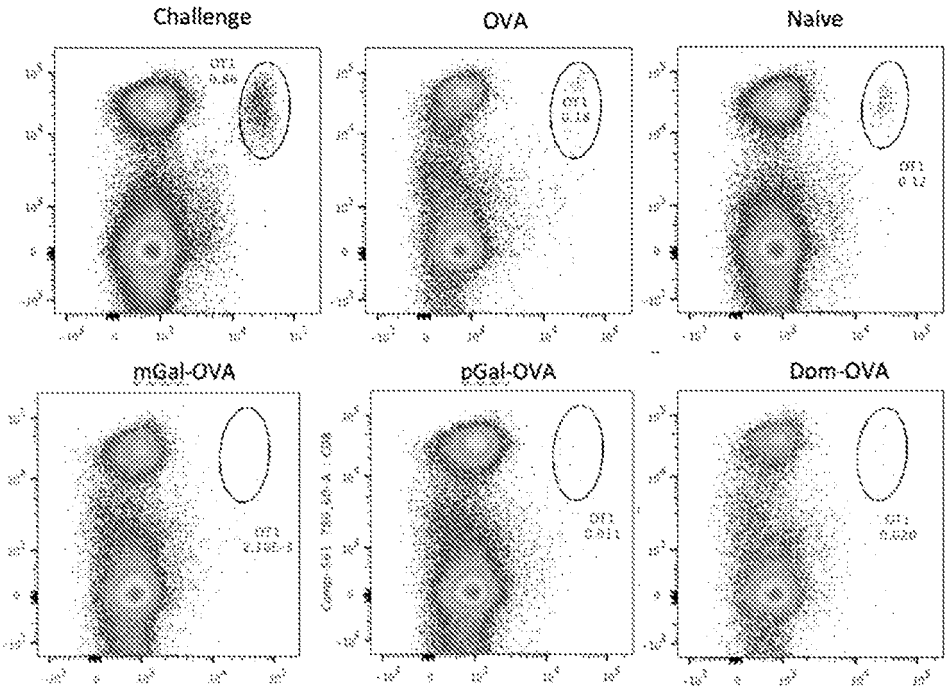


FIG. 6

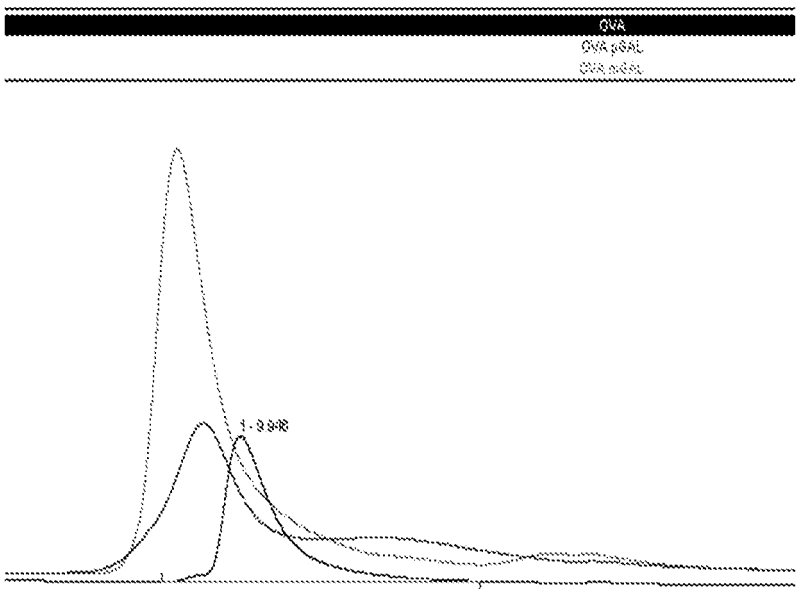


FIG. 7A

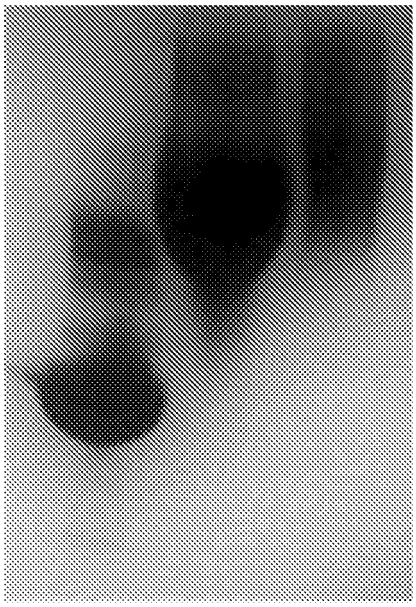


FIG. 7B

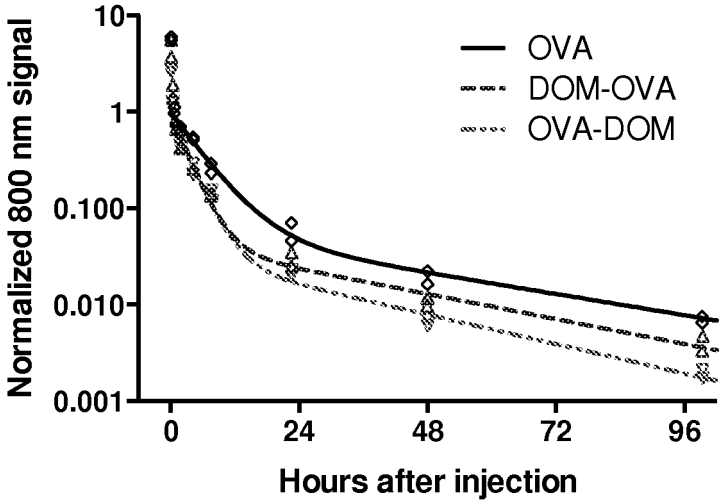
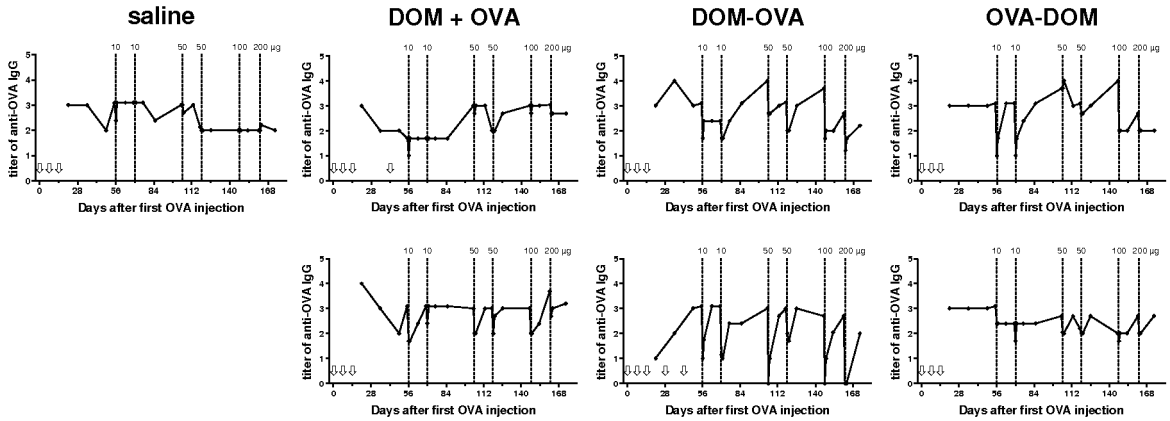

Normalized 800 nm signal
10
1
0.100
0.010
0.001
0
24
48
72
96
Hours after injection
OVA
DOM-OVA
OVA-DOM

FIG. 8

(a)


saline
DOM + OVA
DOM-OVA
OVA-DOM
titer of anti-OVA IgG
Days after first OVA injection
10 10 50 50 100 200 µg

(b)

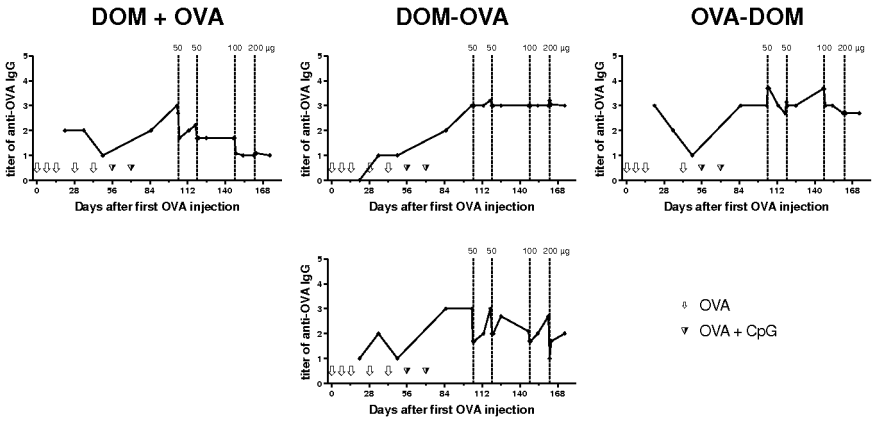

DOM + OVA
DOM-OVA
OVA-DOM
titer of anti-OVA IgG
Days after first OVA injection
50 50 100 200 µg
OVA
OVA + CpG

FIG. 9