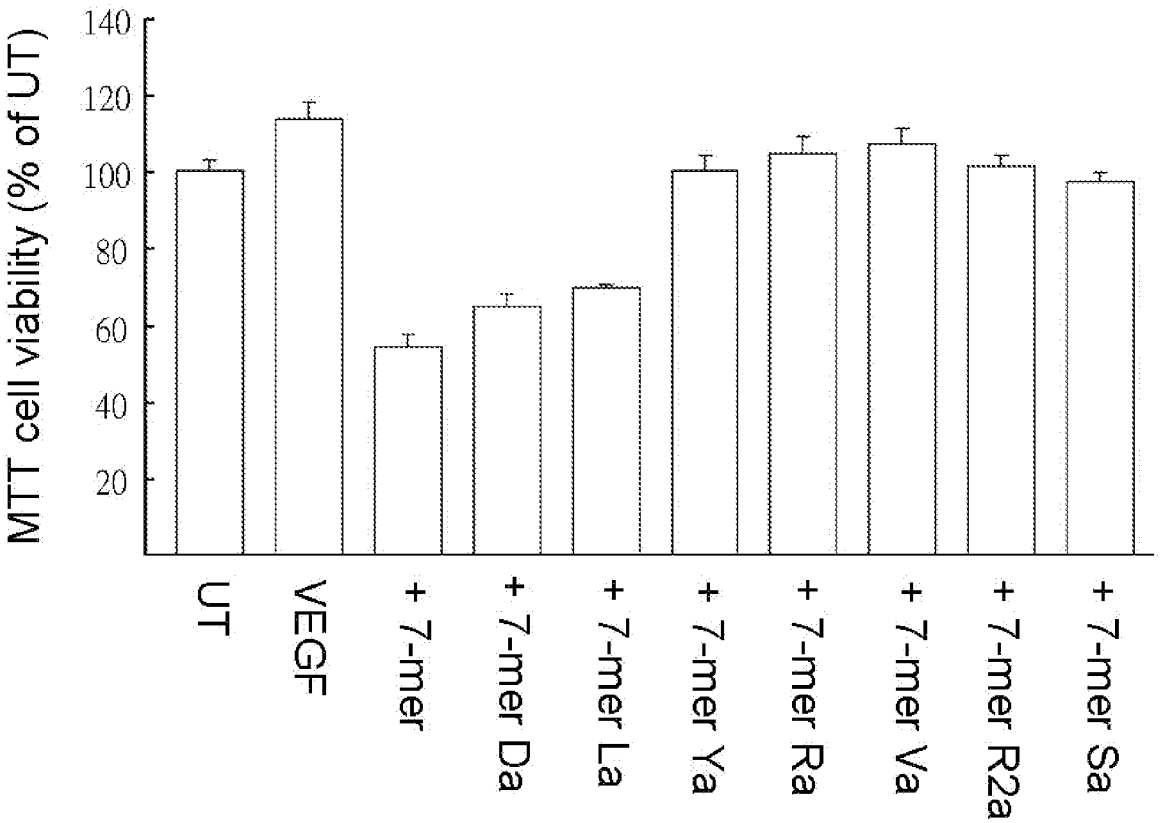

MTT cell viability (% of UT)
140
120
100
80
60
40
20
UT
VEGF
+ 7-mer
+ 7-mer Da
+ 7-mer La
+ 7-mer Ya
+ 7-mer Ra
+ 7-mer Va
+ 7-mer R2a
+ 7-mer Sa

FIG 1

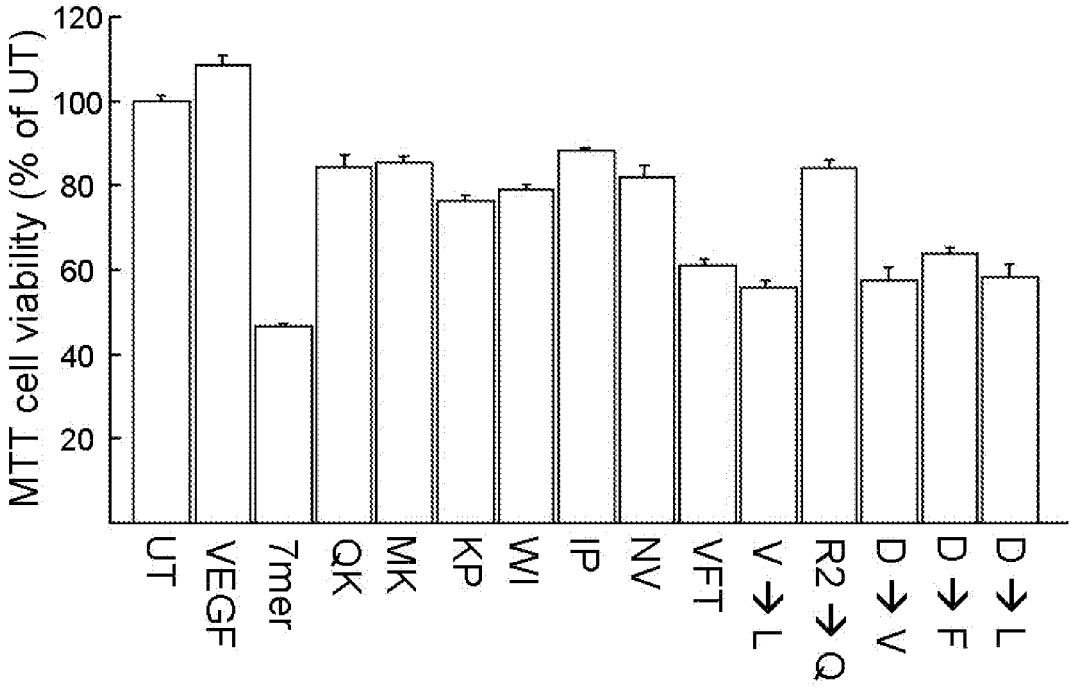

MTT cell viability (% of UT)
120
100
80
60
40
20
UT
VEGF
7mer
QK
MK
KP
WI
IP
NV
VFT
V↓L
R2↓Q
D↓V
D↓F
D↓L

FIG 2

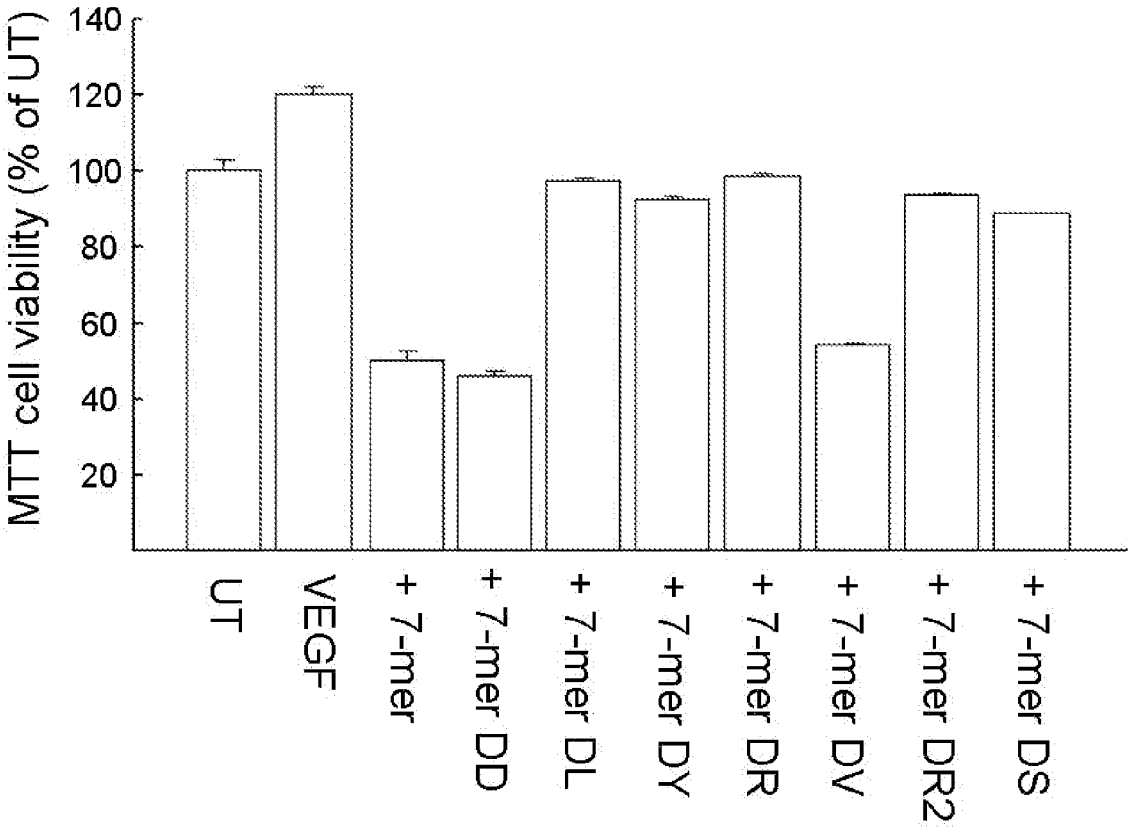

MTT cell viability (% of UT)
140
120
100
80
60
40
20
UT
VEGF
+ 7-mer
+ 7-mer DD
+ 7-mer DL
+ 7-mer DY
+ 7-mer DR
+ 7-mer DV
+ 7-mer DR2
+ 7-mer DS

FIG 3

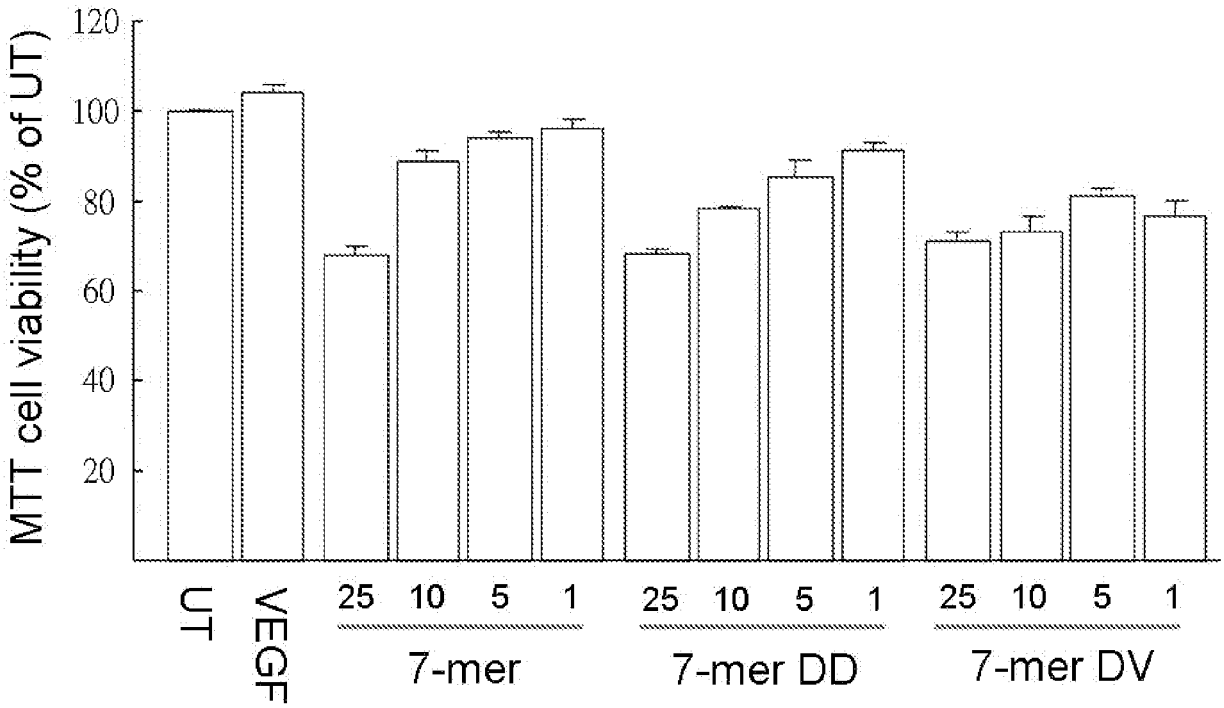

MTT cell viability (% of UT)
120
100
80
60
40
20
UT
VEGF
25
10
5
1
7-mer
25
10
5
1
7-mer DD
25
10
5
1
7-mer DV

FIG 4

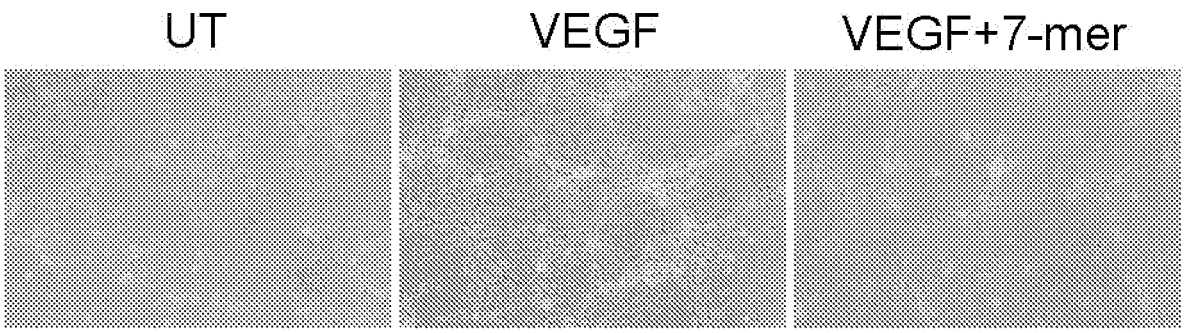
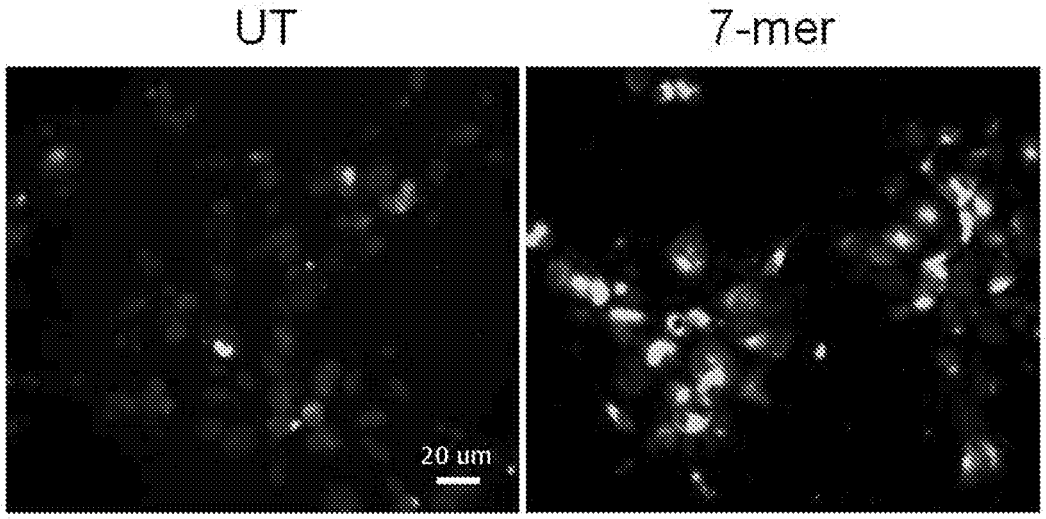


FIG 5


UT
7-mer
20 um

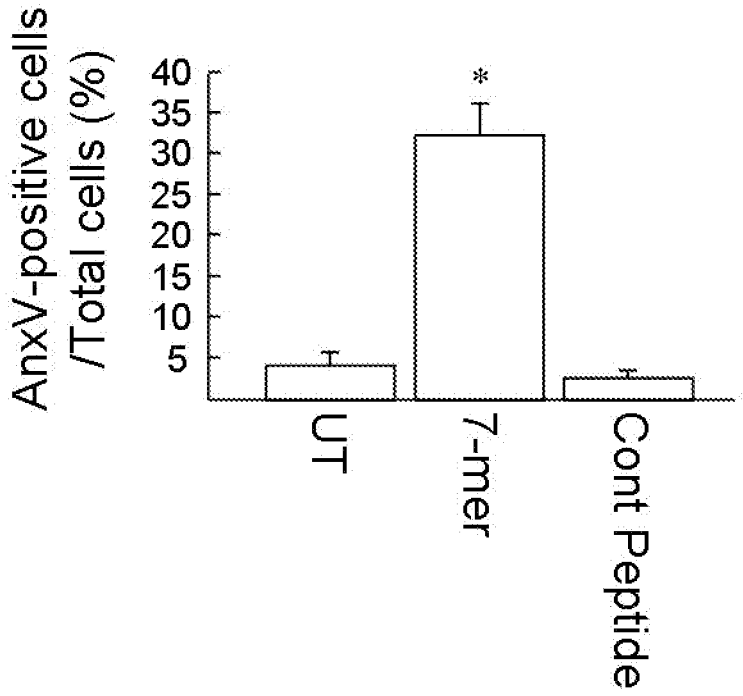

AnxV-positive cells
/Total cells (%)
40
35
30
25
20
15
10
5
*
UT
7-mer
Cont Peptide

FIG 6

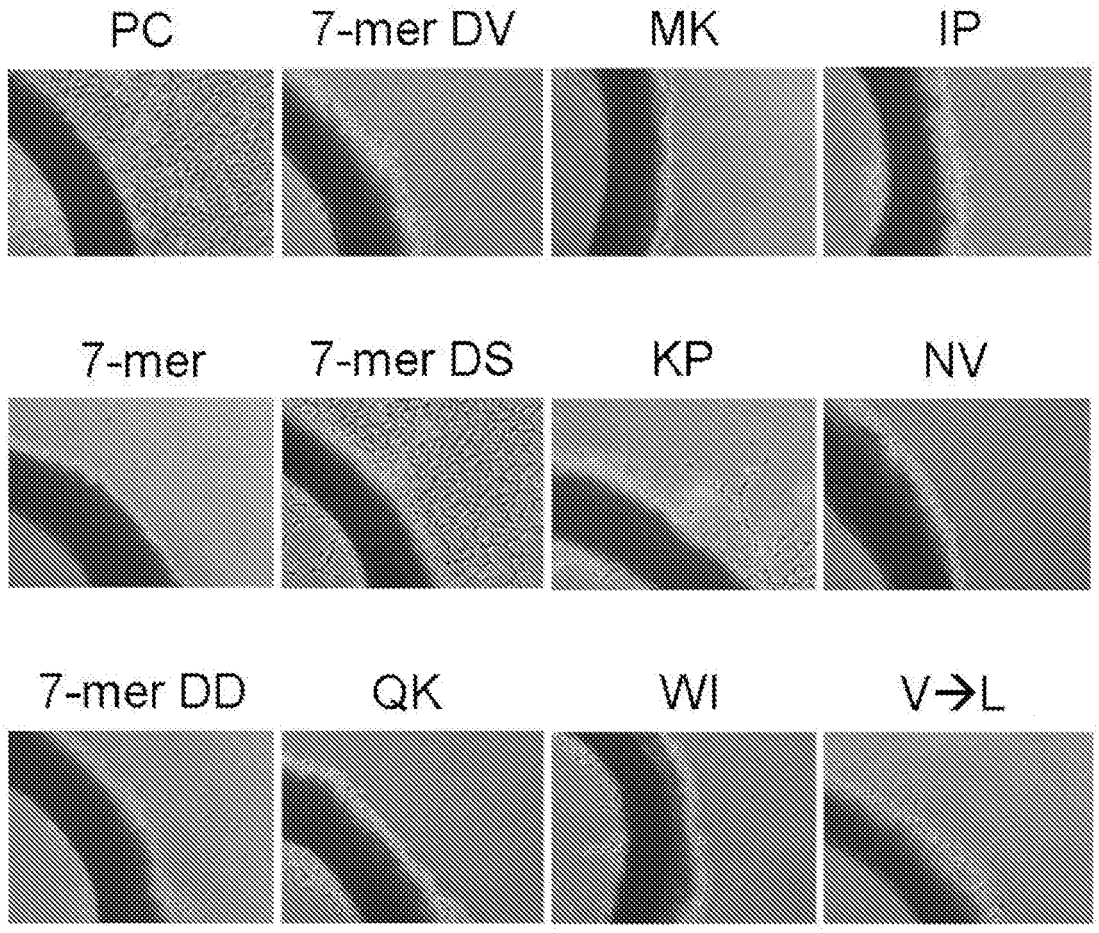


FIG 7

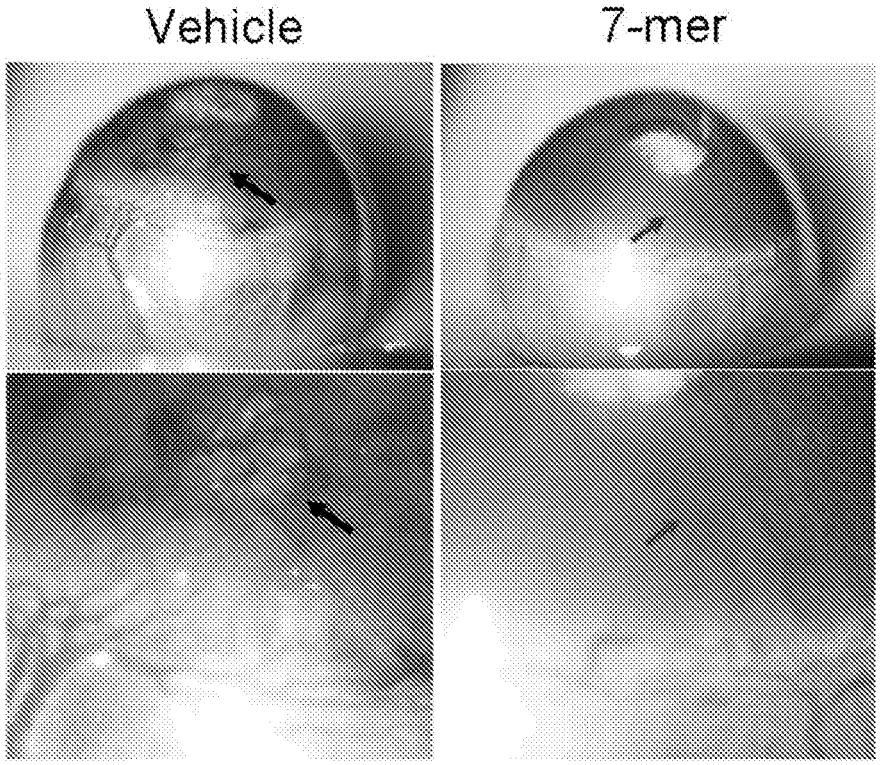

Vehicle
7-mer
Positive Corneas/Total
= 10/12
Positive Corneas/Total
= 0/8

FIG 8

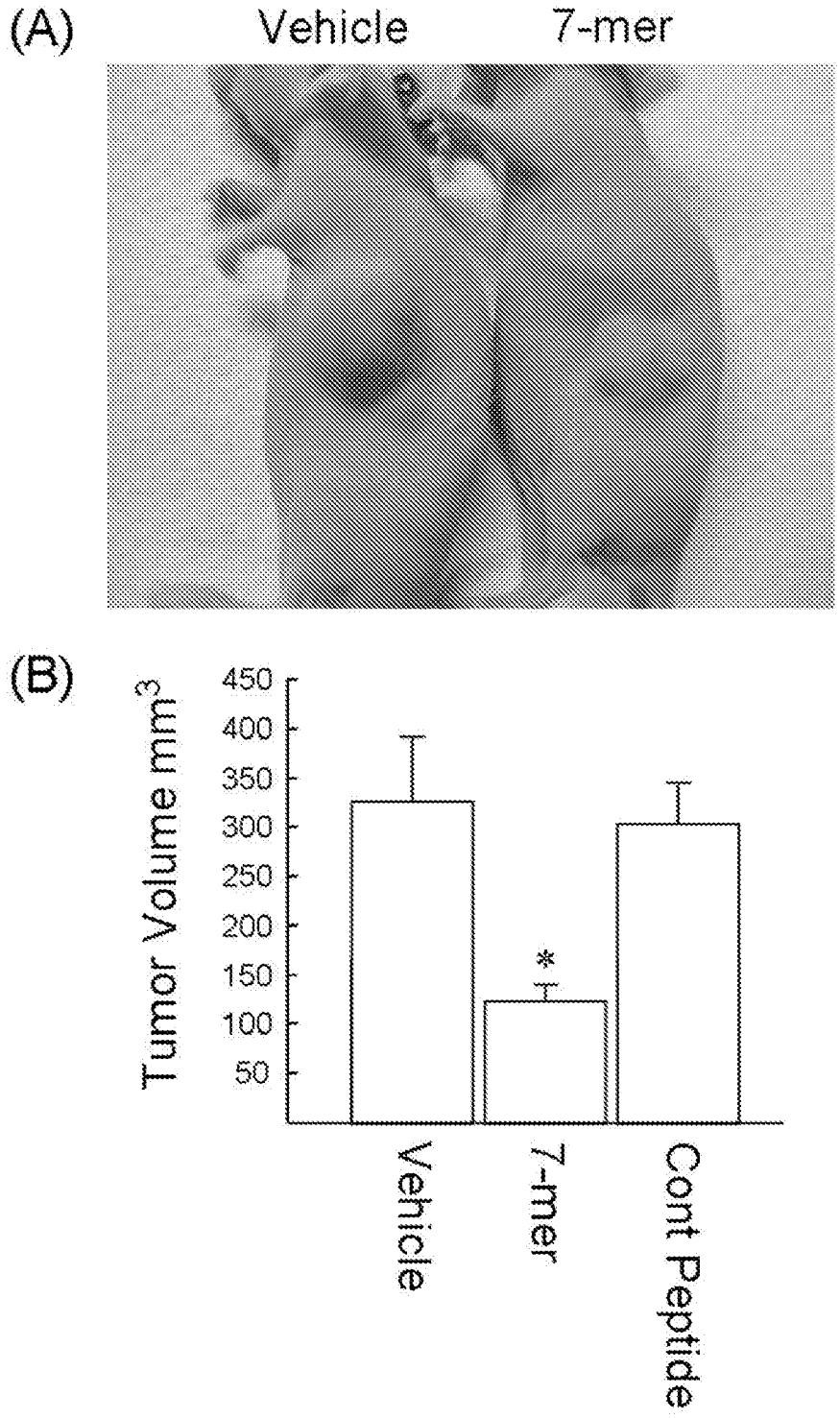

(A)
Vehicle
7-mer
(B)
Tumor Volume mm3
450
400
350
300
250
200
150
100
50
*
Vehicle
7-mer
Cont Peptide

FIG 9

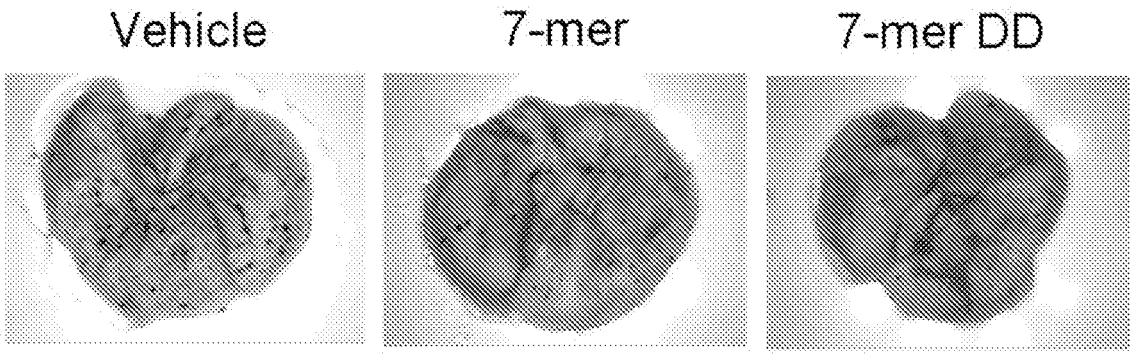
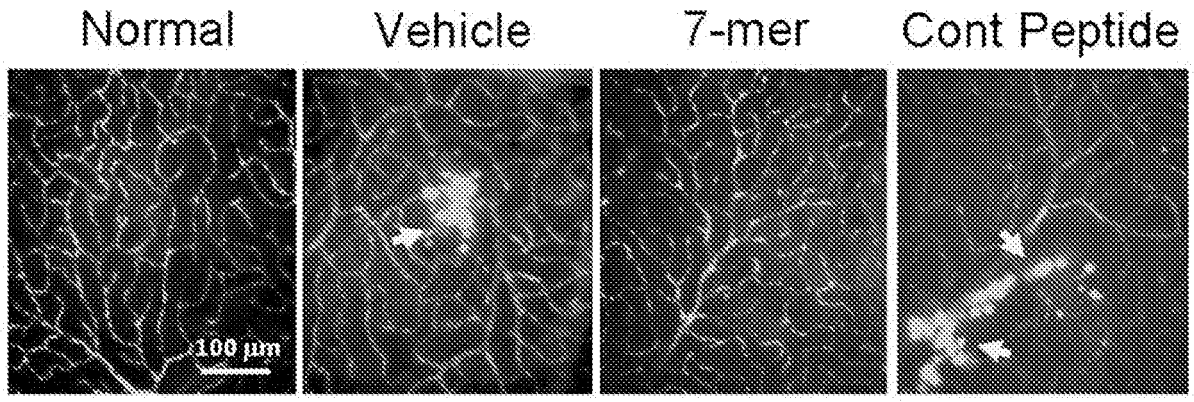


FIG 10

(A)


Normal
Vehicle
7-mer
Cont Peptide
100 µm

(B)

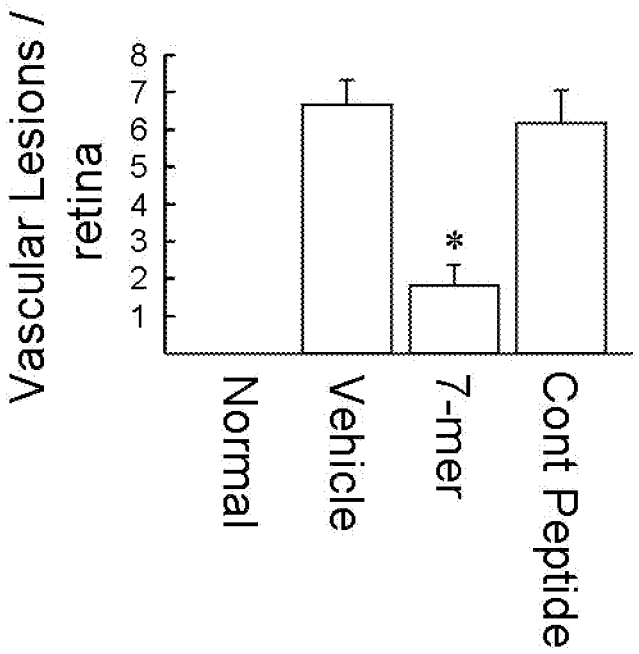

Vascular Lesions / retina
8
7
6
5
4
3
2
1
*
Normal
Vehicle
7-mer
Cont Peptide

FIG 11

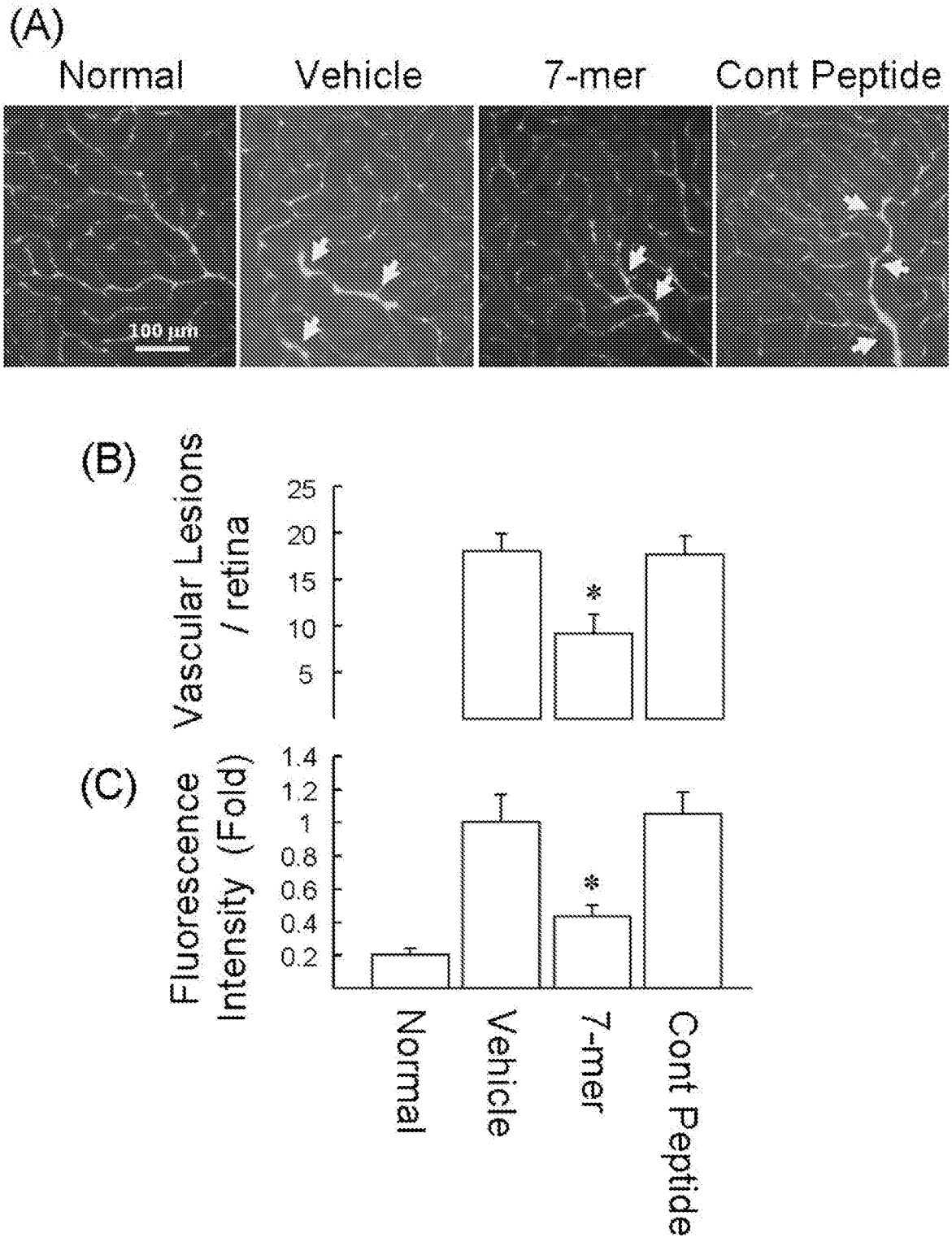

(A)
Normal
Vehicle
7-mer
Cont Peptide
100 μm
(B)
Vascular Lesions / retina
25
20
15
10
5
*
(C)
Fluorescence Intensity (Fold)
1.4
1.2
1
0.8
0.6
0.4
0.2
*
Normal
Vehicle
7-mer
Cont Peptide

FIG 12

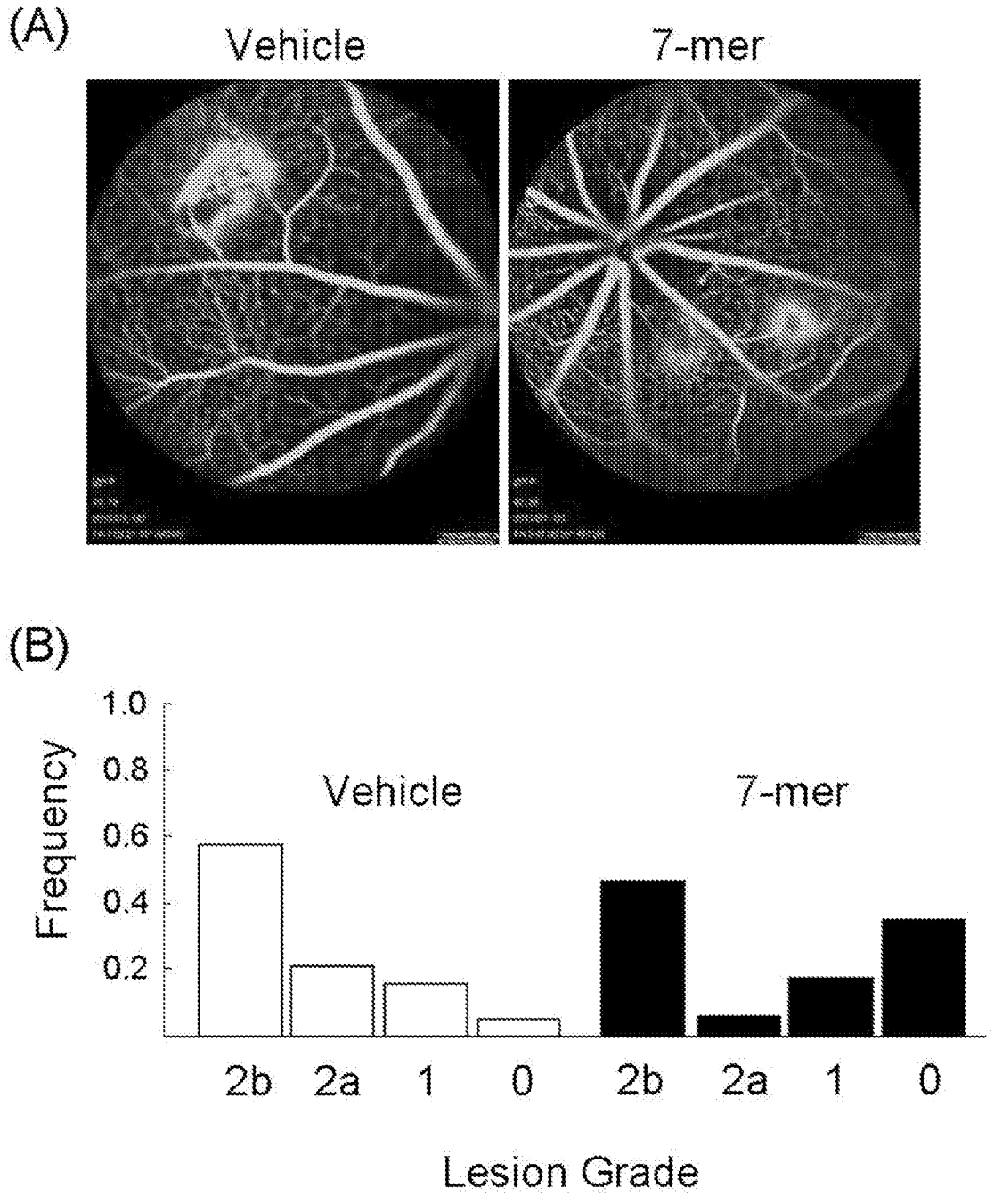

(A)
Vehicle
7-mer
(B)
Frequency
1.0
0.8
0.6
0.4
0.2
Vehicle
7-mer
2b
2a
1
0
2b
2a
1
0
Lesion Grade

FIG 13

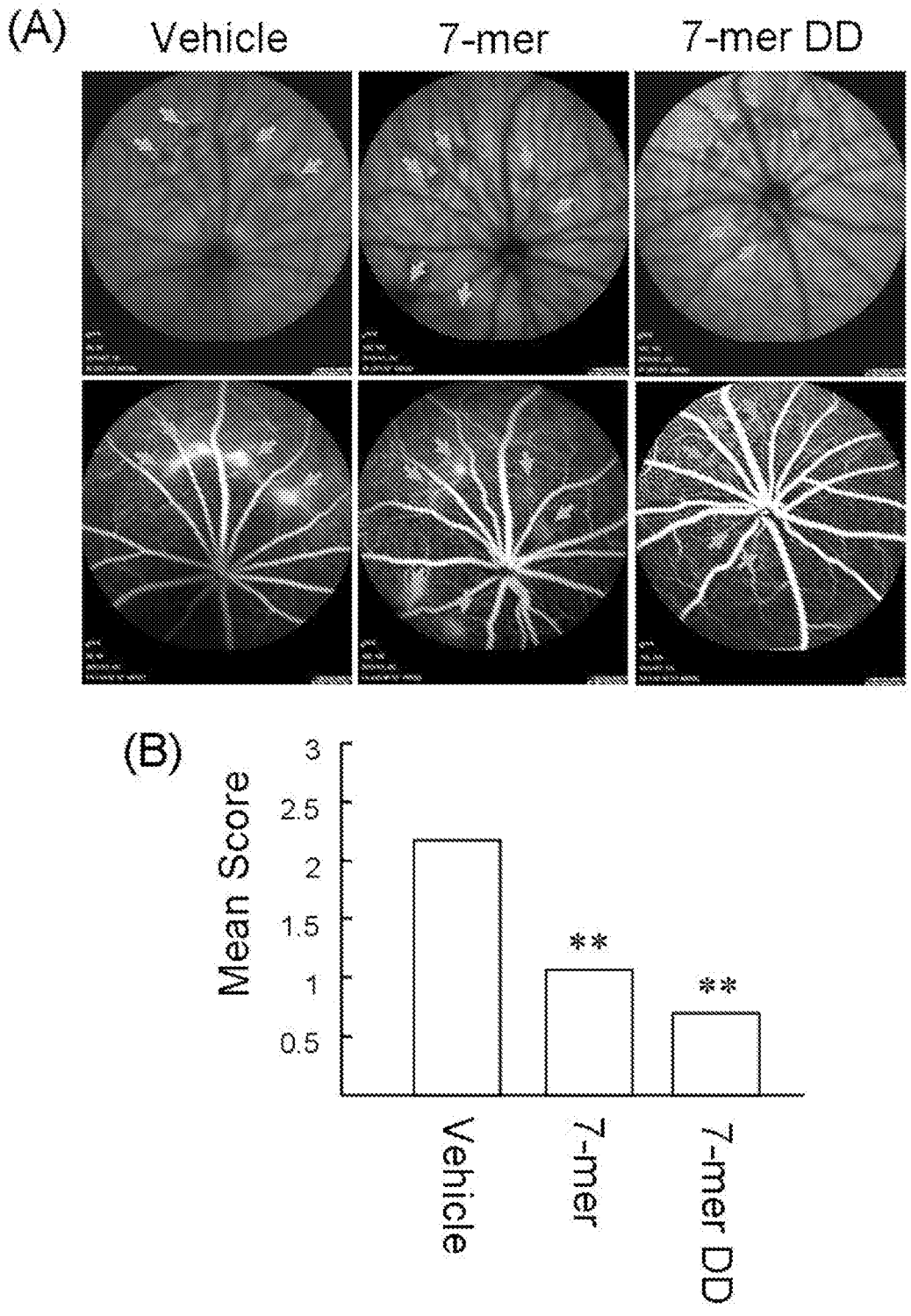

(A)
Vehicle
7-mer
7-mer DD
(B)
Mean Score
3
2.5
2
1.5
1
0.5
**
**
Vehicle
7-mer
7-mer DD

FIG 14