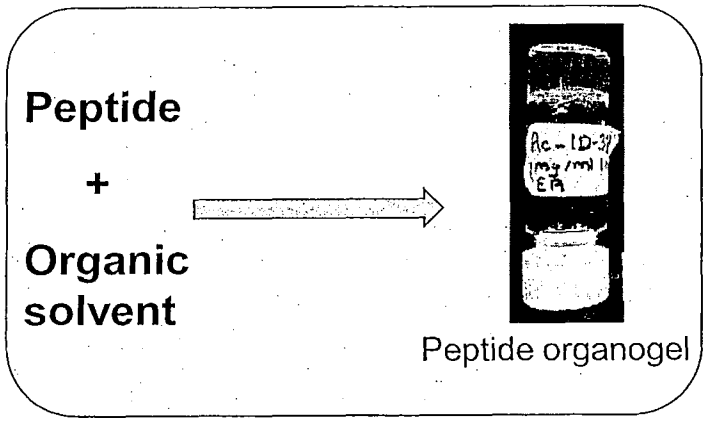
WO 2013/126017

A



B

Solvent	Hexamer	Trimer	Dimer
Methanol	C	C	C
Ethanol	C	C	C
Acetonitrile	G	G	A
Acetone	G	G	C
Ethyl Acetate	G	G	G
Chloroform	A	A	A
Toluene	A	G (partial)	G (partial)
Hexane	S	S	S

C - Clear; A - Aggregated; S - Suspension; G - Gelation

C

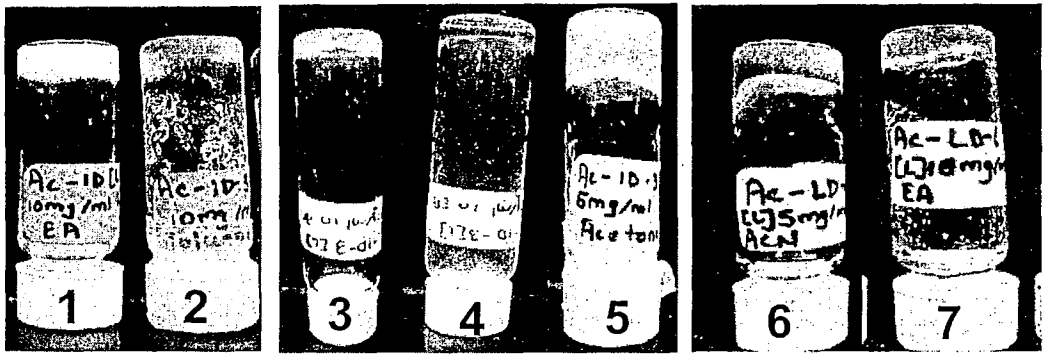


FIGURE 1

PCT/SG2013/000069

WO 2013/126017

PCT/SG2013/000069

A

Solvent	Trimer		Hexamer
	Ac-IVW-COOH(L)	Ac-IVF-COOH(L)	Ac-LIVAGF-COOH (L)
Acetonitrile	S	G	A
Acetone	G	G	G (partial)
Ethyl acetate	G	G	A
Chloroform	A	G	A
Toluene	A	A	A

A - Aggregated; S - Suspension; G - Gelation

B

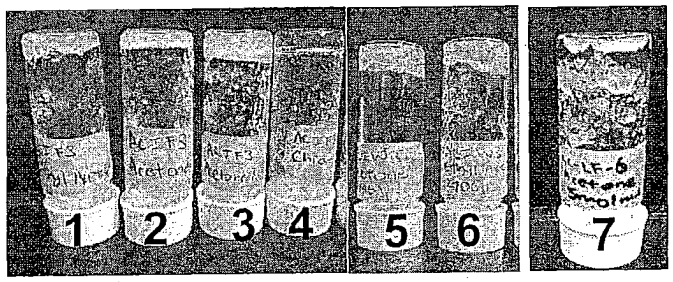


FIGURE 2

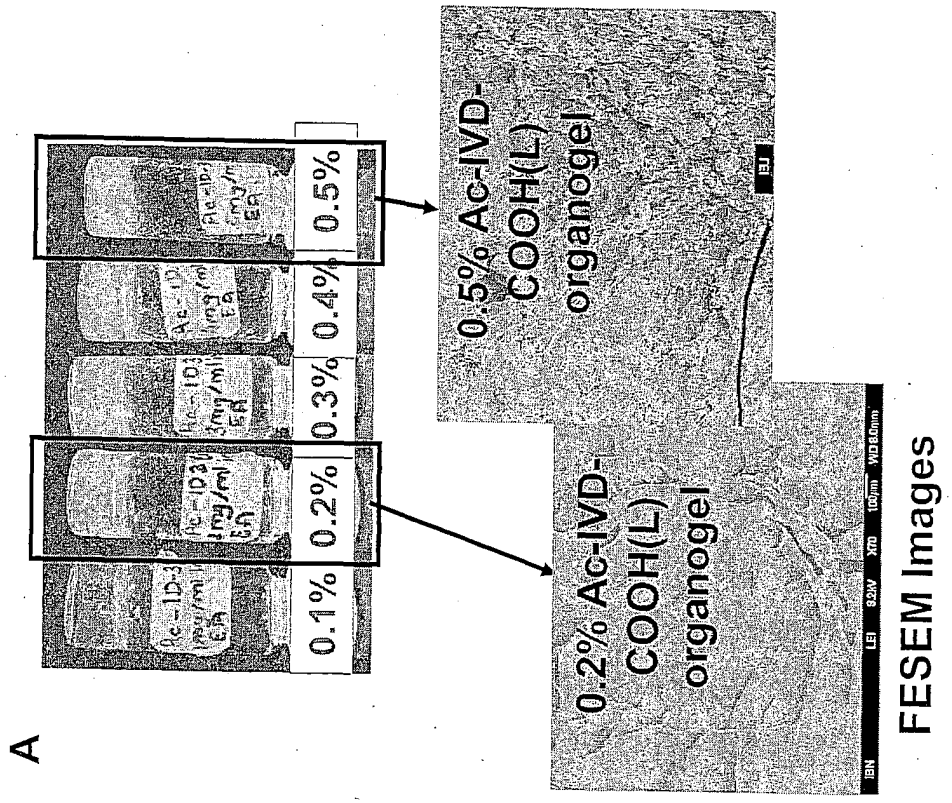

A
0.1%
0.2%
0.3%
0.4%
0.5%
0.5% Ac-IVD-COOH(L) organogel
0.2% Ac-IVD-COOH(L) organogel
FESEM Images

FIGURE 3

B



C

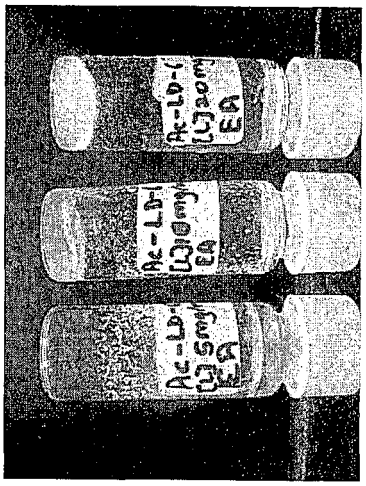
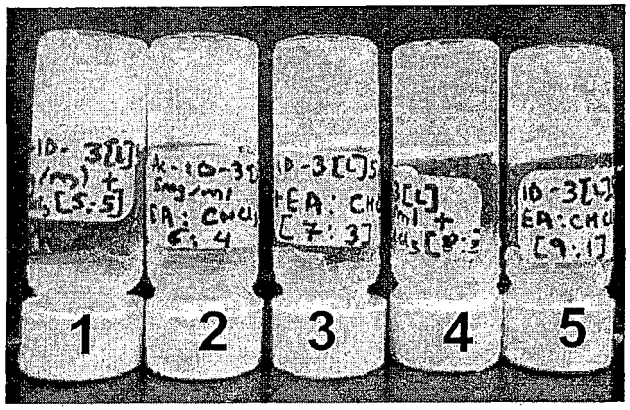


FIGURE 3 (cont.)

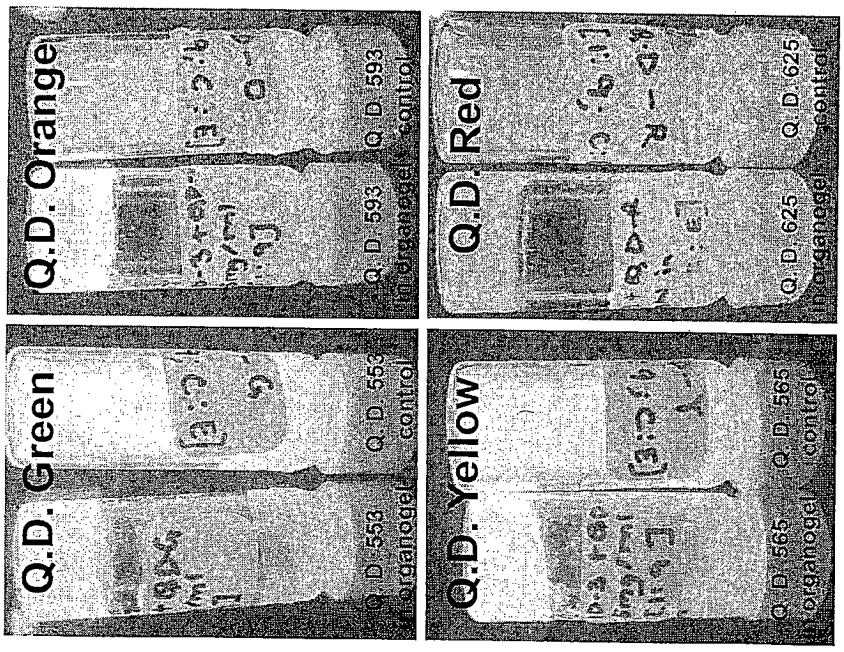
WO 2013/126017



Sr. No.	Ethyl acetate: Chloroform	Observation (gels)
1	5:5	Opaque
2	6:4	Opaque
3	7:3	Semi Opaque
4	8:2	Translucent and stable in comparison to above
5	9:1	Semi opaque and stable in comparison to above

FIGURE 4

PCT/SG2013/000069


A
Q.D. Green
Q.D. 553
Q.D. 553
In organogel
control
Q.D. Orange
Q.D. 593
Q.D. 593
In organogel
control
Q.D. Yellow
Q.D. 565
Q.D. 565
In organogel
control
Q.D. Red
Q.D. 625
Q.D. 625
In organogel
control

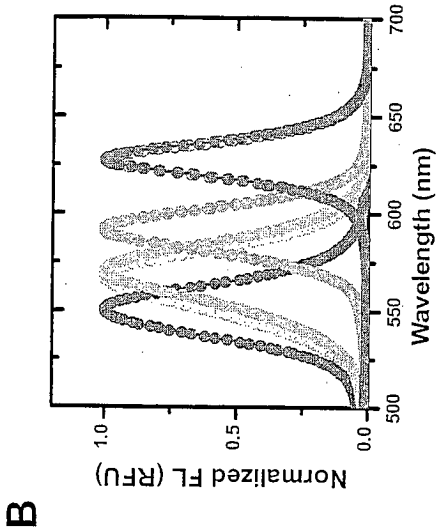
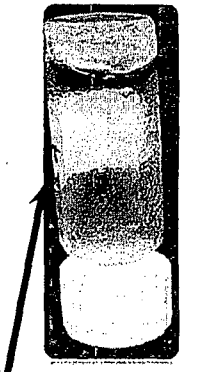

B
Normalized FL (RFU)
1.0
0.5
0.0
500
550
600
650
700
Wavelength (nm)

FIGURE 5

A

Sr. No.	Conc. Of Ac-IVD-COOH(L)	Observation
1.	5mg/ml	No gelation
2.	10mg/ml	Partial gelation
3.	15mg/ml	Partial gelation
4.	20mg/ml	Gelation



B

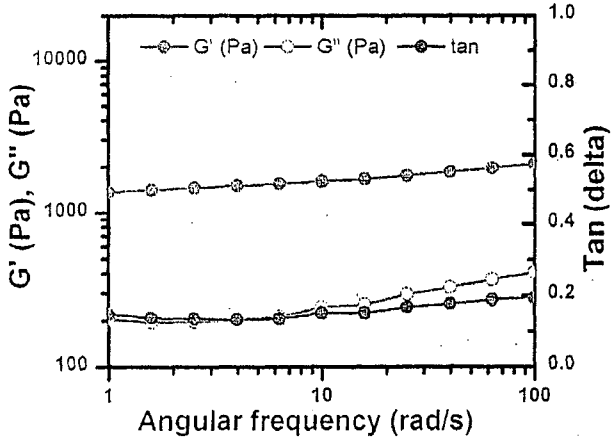


FIGURE 6

A



Ac-IVD-COOH (L)
20 mg/ml in oil : acetone (4:1)

B

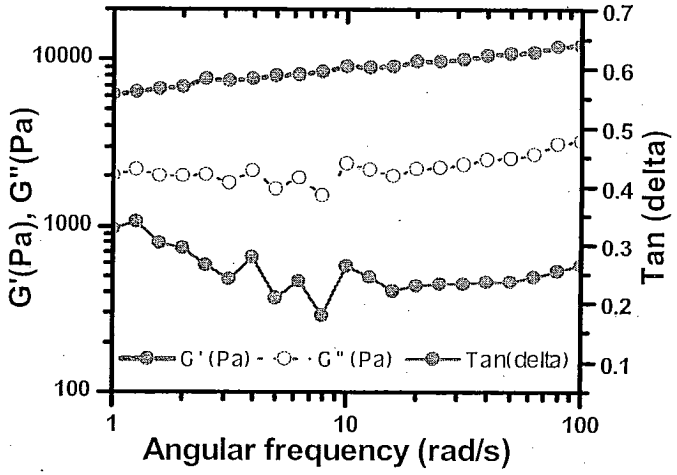


FIGURE 7

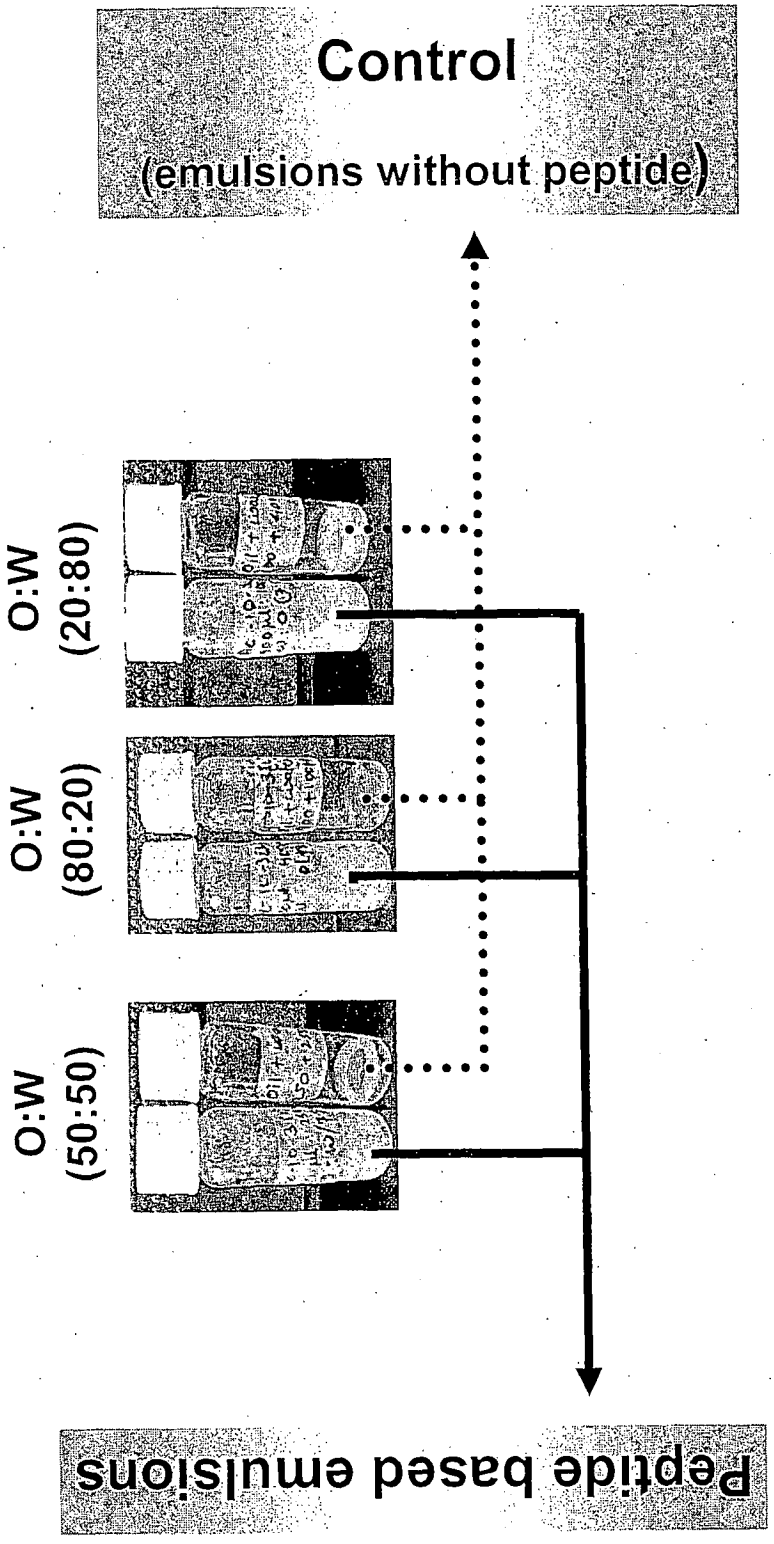
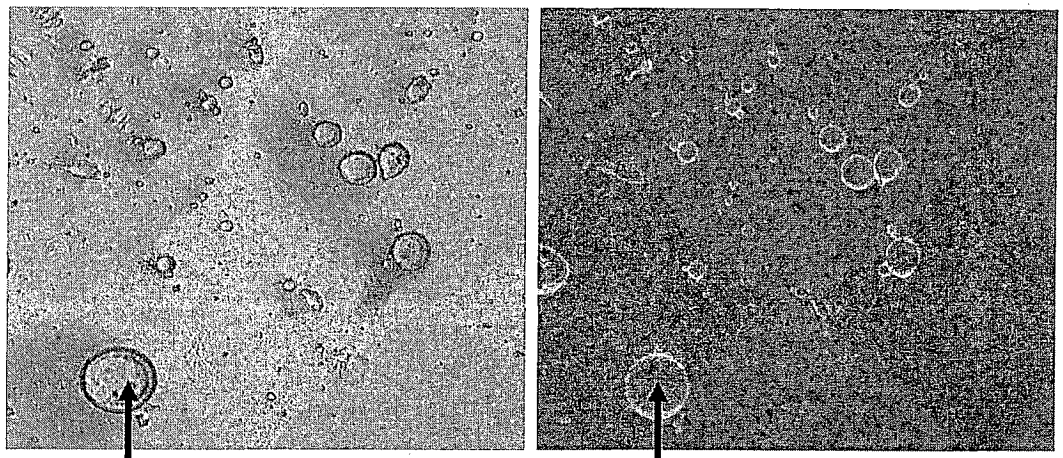

Control
(emulsions without peptide)
O:W (20:80)
O:W (80:20)
O:W (50:50)
Peptide based emulsions

FIGURE 8



Alcian blue dye encapsulated in peptide based emulsion

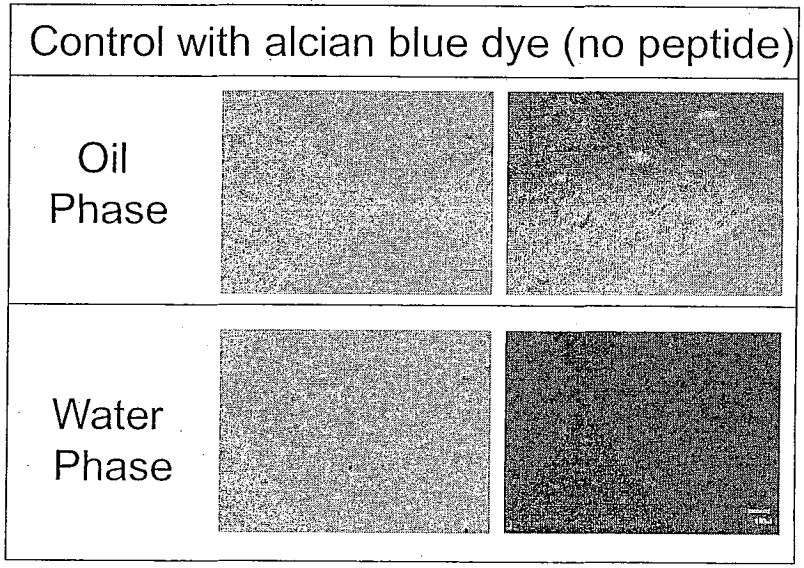


FIGURE 9

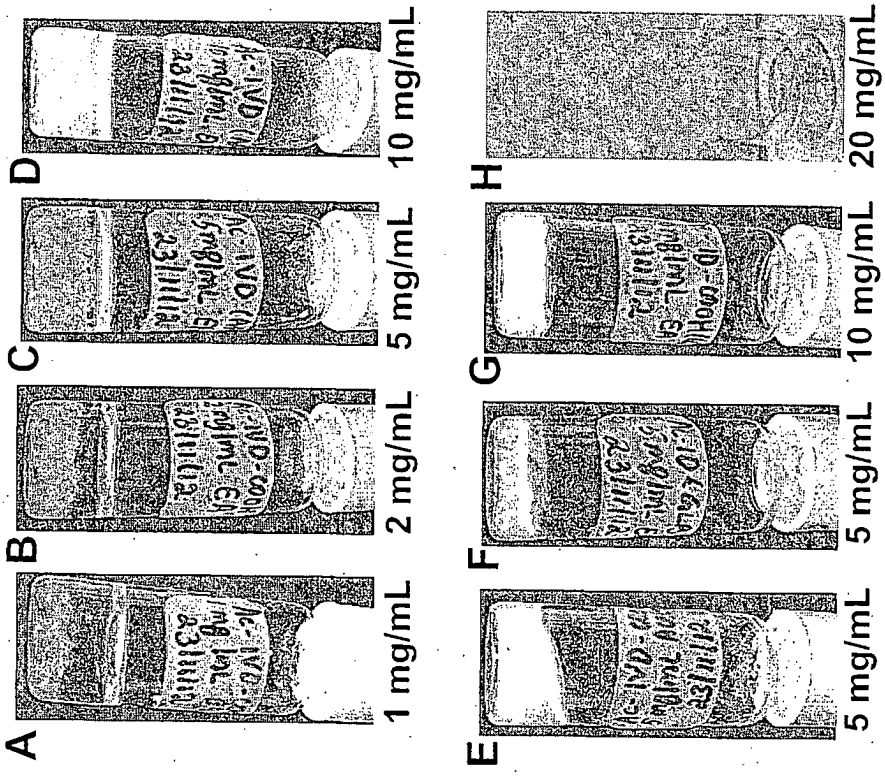

A
1 mg/mL
B
2 mg/mL
C
5 mg/mL
D
10 mg/mL
E
5 mg/mL
F
5 mg/mL
G
10 mg/mL
H
20 mg/mL

FIGURE 10

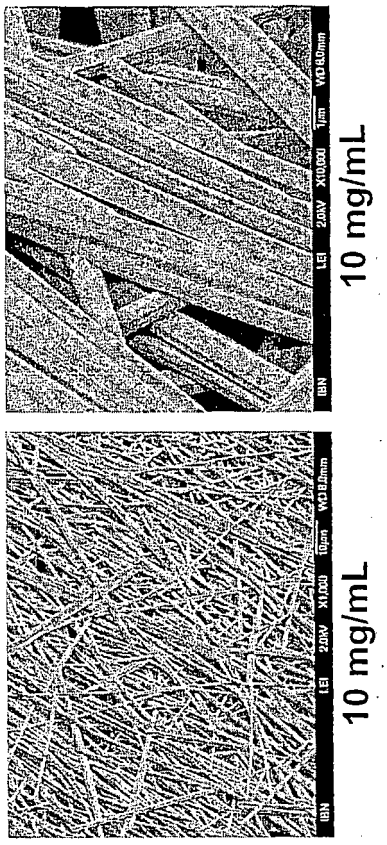


FIGURE 11