

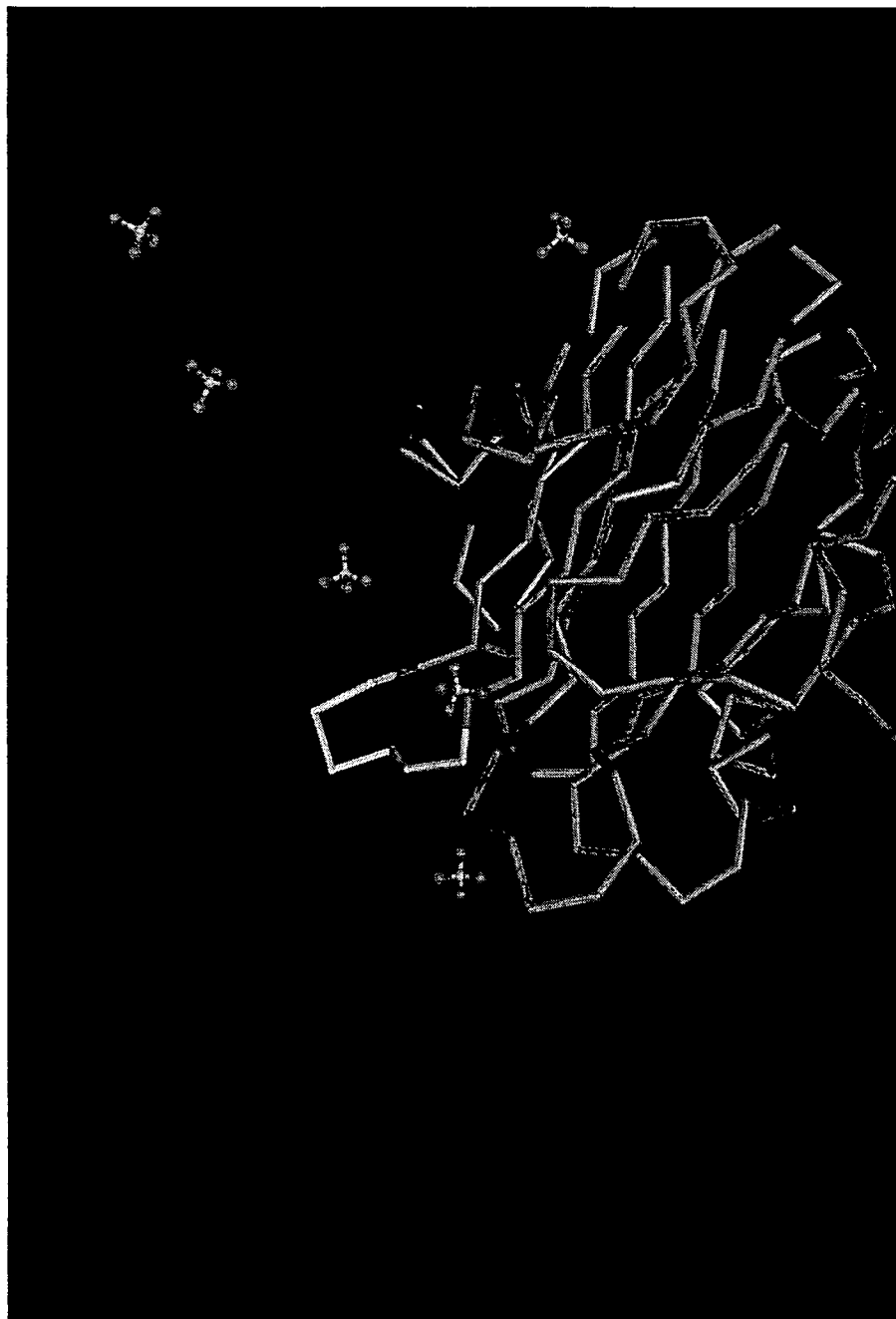


Figure 1: 1GWY Chain A, Crystal Structure Of The Water-Soluble State Of The Pore- Forming Cytolysin Stichoysin li

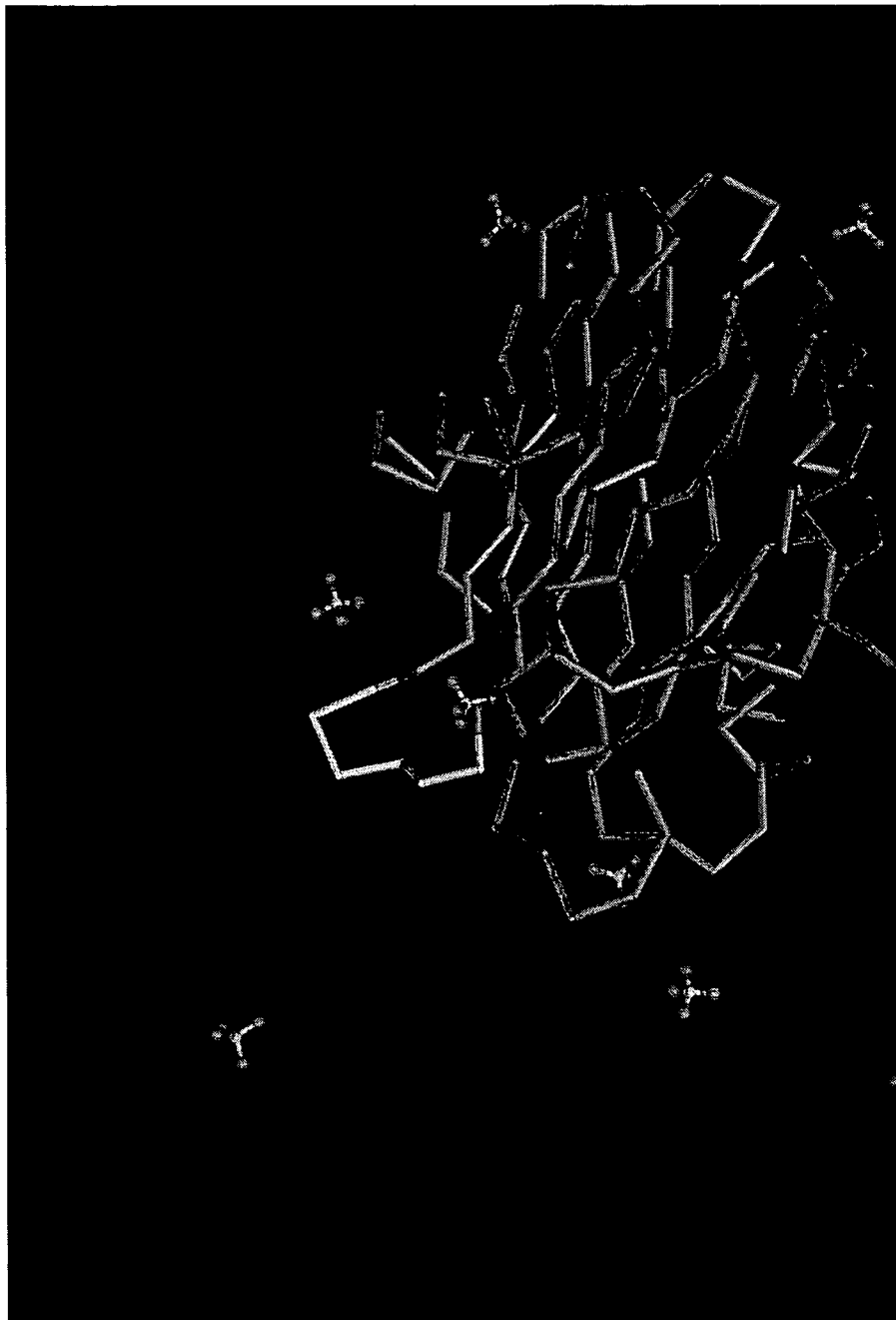


Figure 2: 1GWY Chain B, Crystal Structure Of The Water-Soluble State Of The Pore- Forming Cytolysin StichoIysin li



Figure 3: 1KD6 Chain A, Solution Structure Of The Eukaryotic Pore-Forming Cytolysin Equinatoxin II

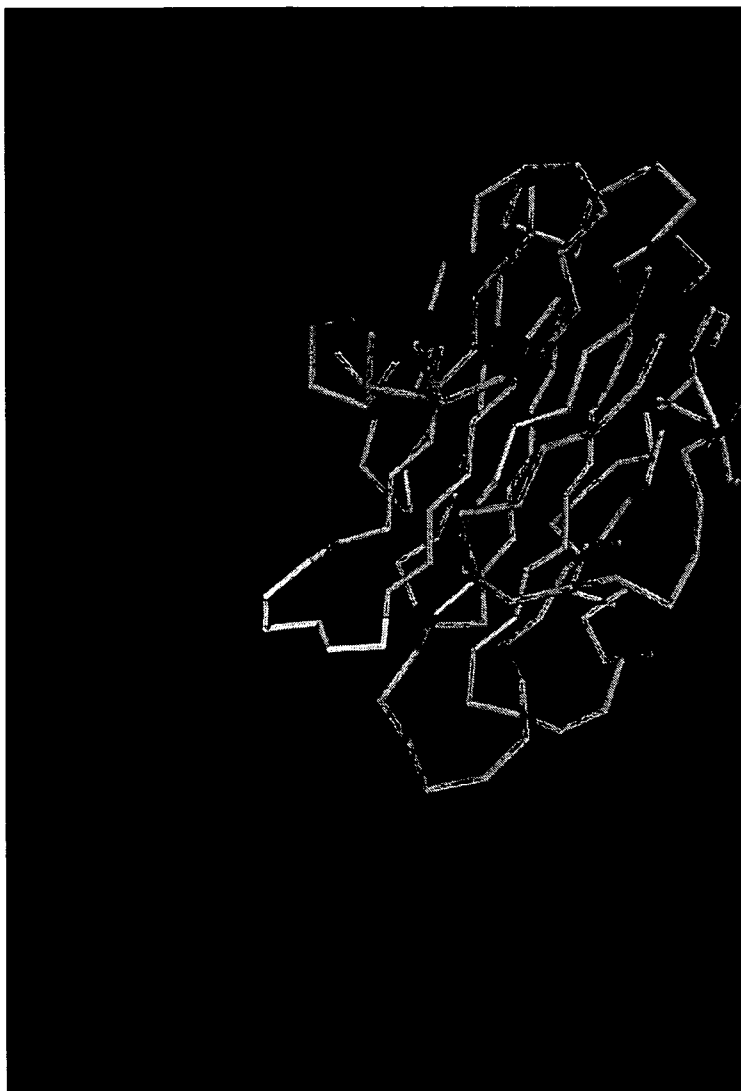


Figure 4: 1TZQ Chain A, Crystal Structure Of The Equinatoxin li 8-69 Double Cysteine Mutant

Figure 5

Pseudomonas aeruginosa ATCC 27853 growth 24hours

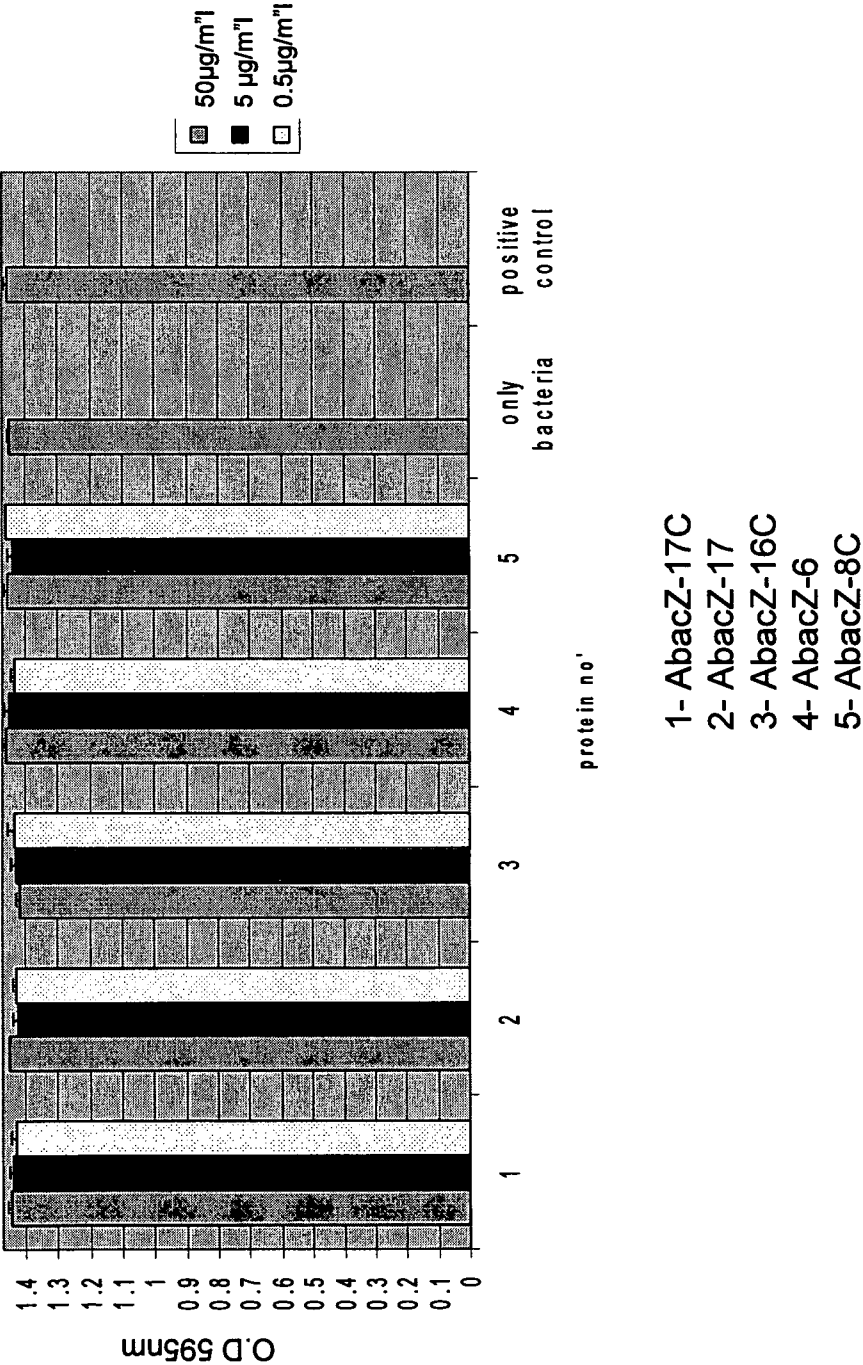
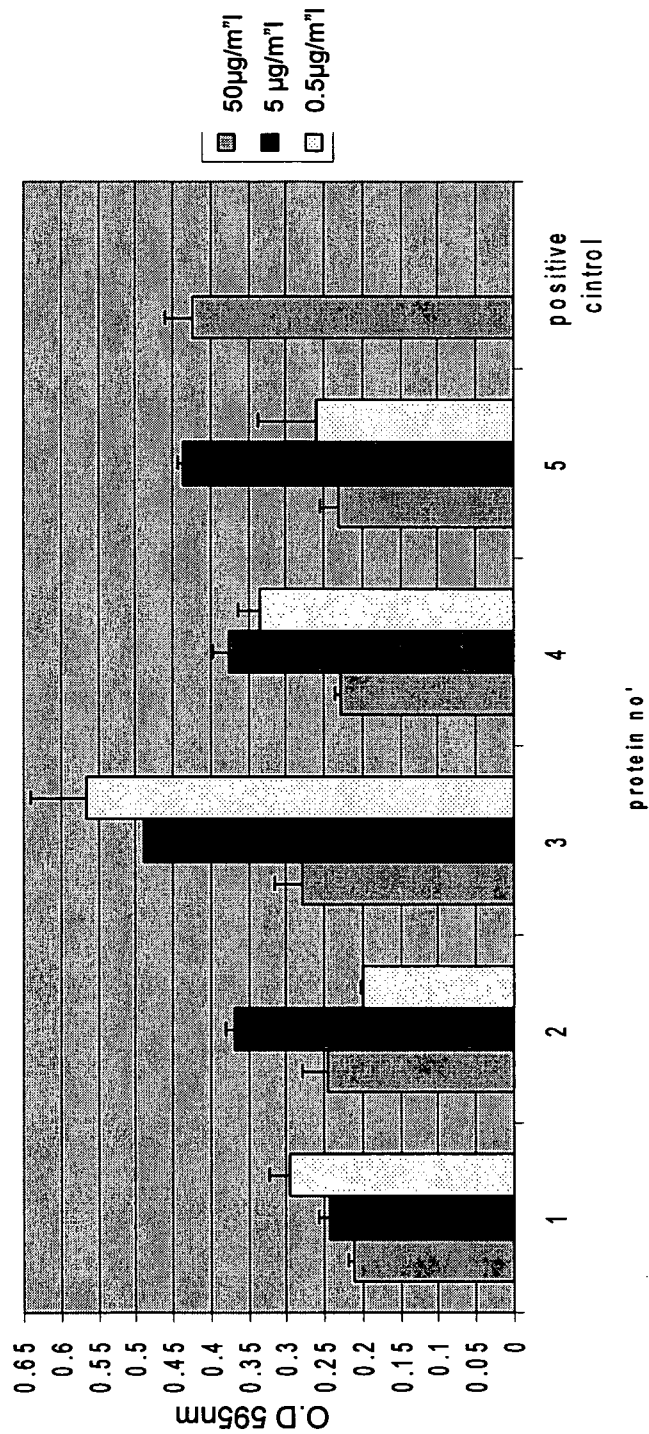


Figure 6
Prevention of *Pseudomonas aeruginosa* ATCC 27853 biofilm formation



- 1- AbacZ-17C
- 2- AbacZ-17
- 3- AbacZ-16C
- 4- AbacZ-6
- 5- AbacZ-8C

Figure 7

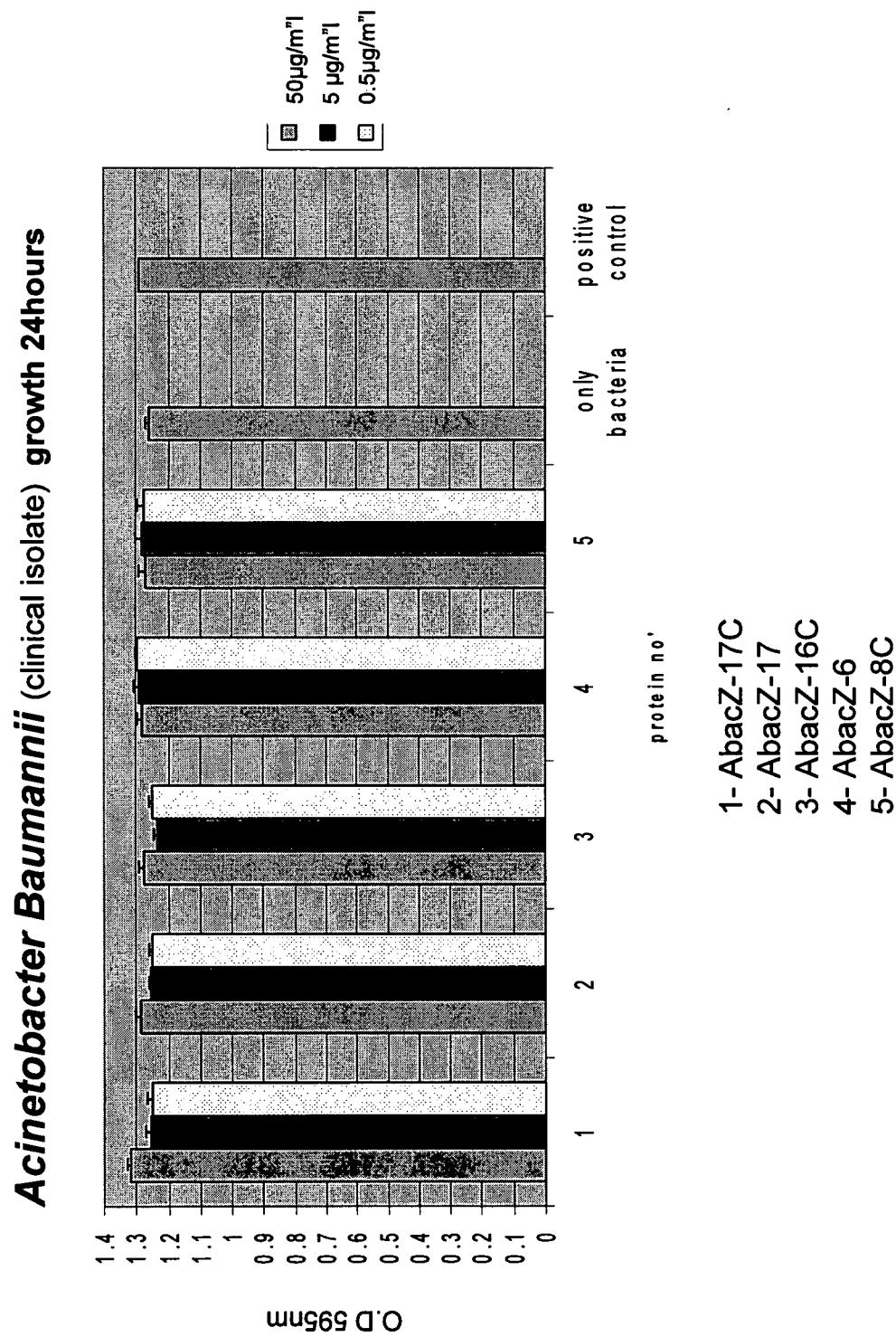


Figure 8

Prevention of *Acinetobacter Baumannii* (clinical isolate) biofilm formation

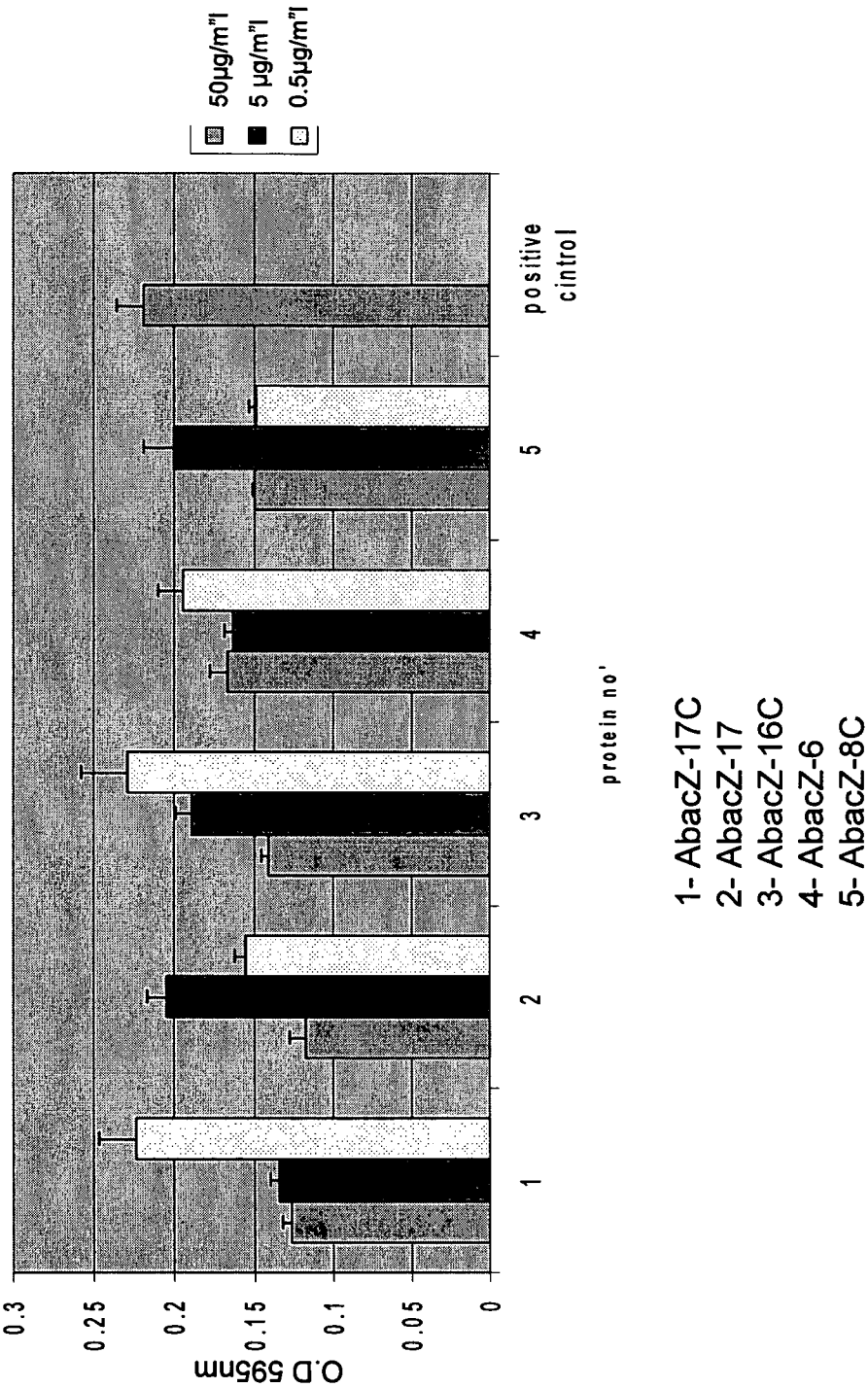


Figure 9
**Prevention of *Actinetobacter baumannii* biofilm formation by *Actinia*
equina fractions**

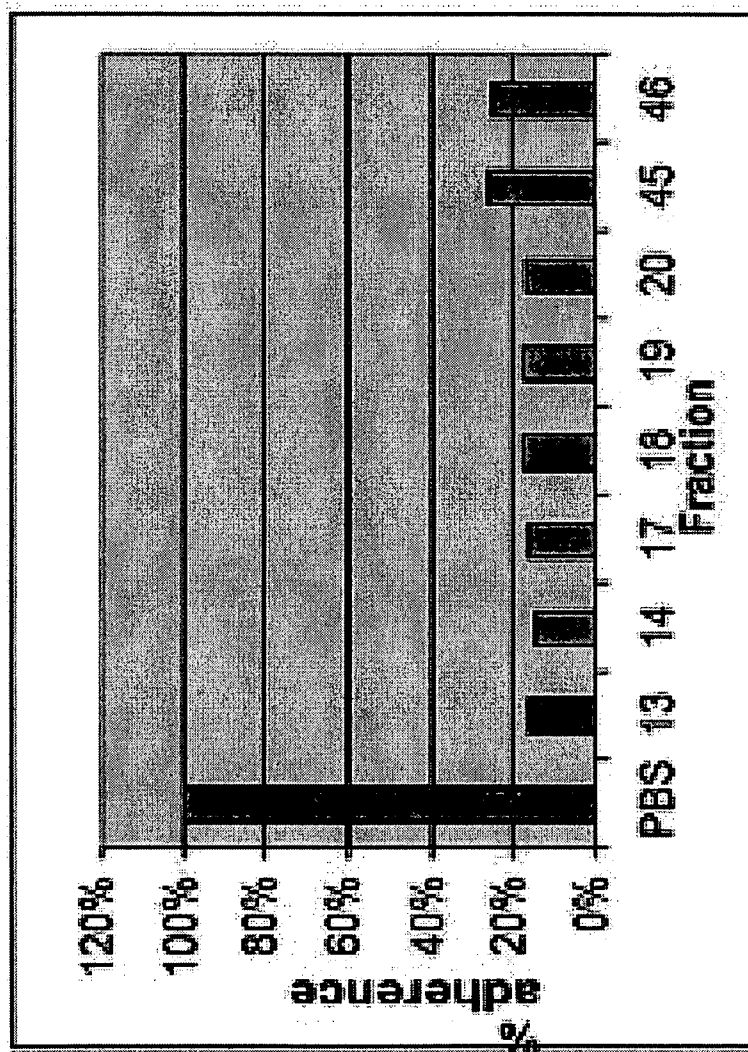
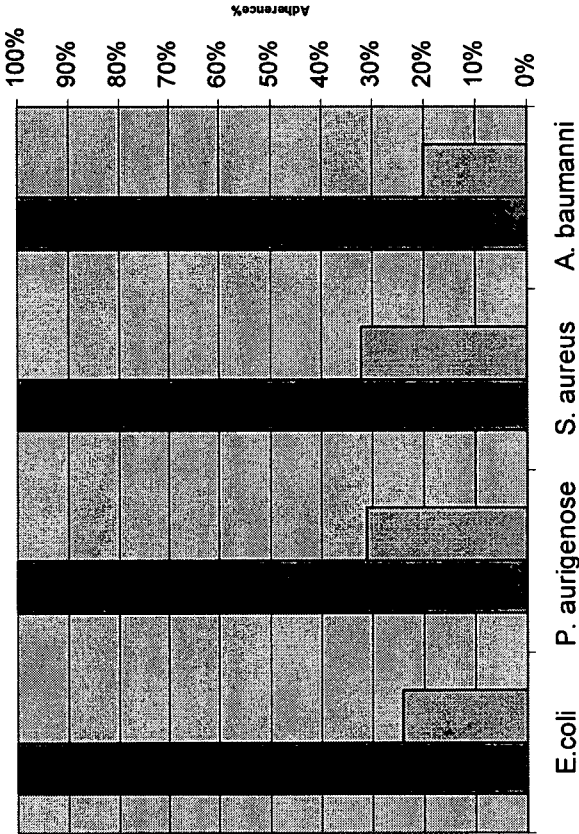


Figure 10
Prevention of biofilm formation by fraction 13



Prevention of *Pseudomonas aeruginosa* biofilm formation by
Anemonia, *Aiptasia* and *Physcomitrella* (Moss)

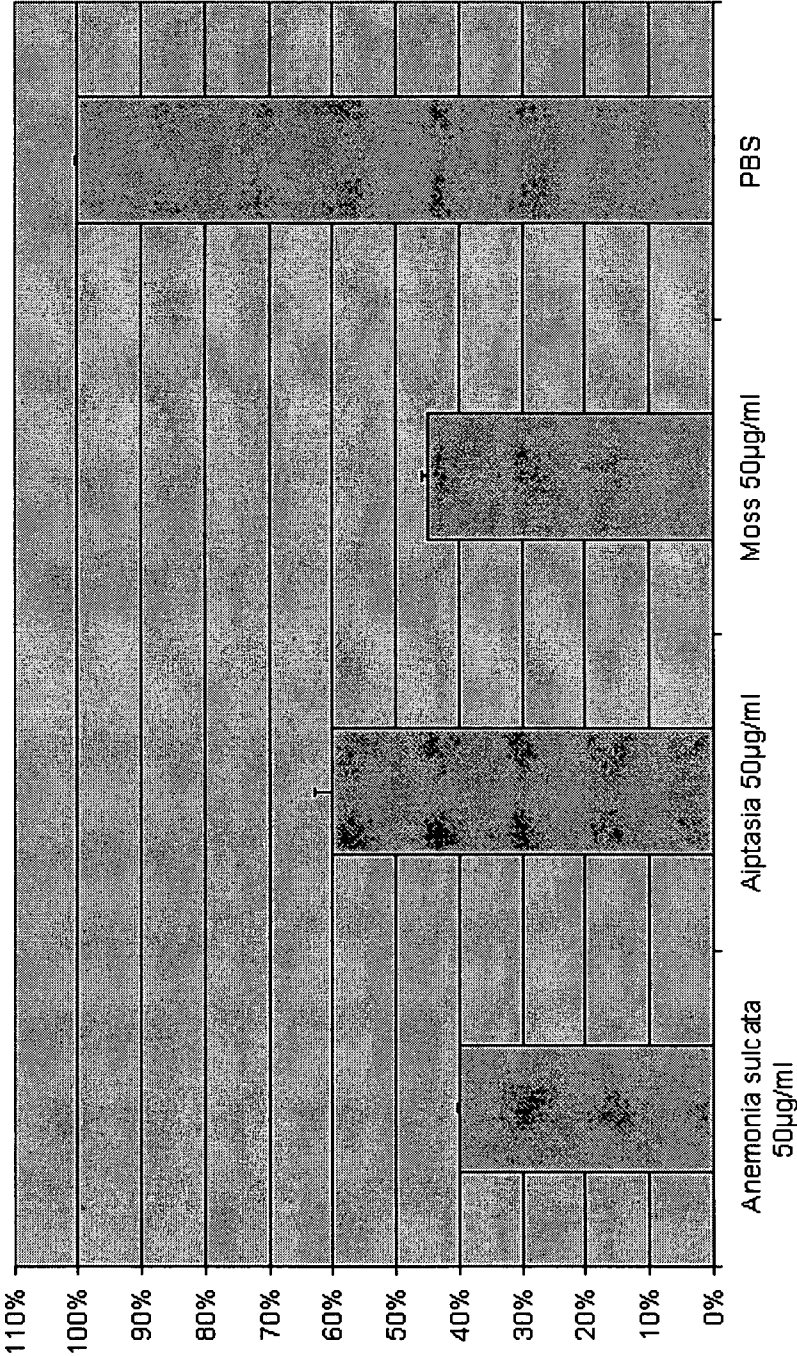


Figure 11

Figure 12

Anti-adherence test with AbacZ peptides and Moss on *S.a*

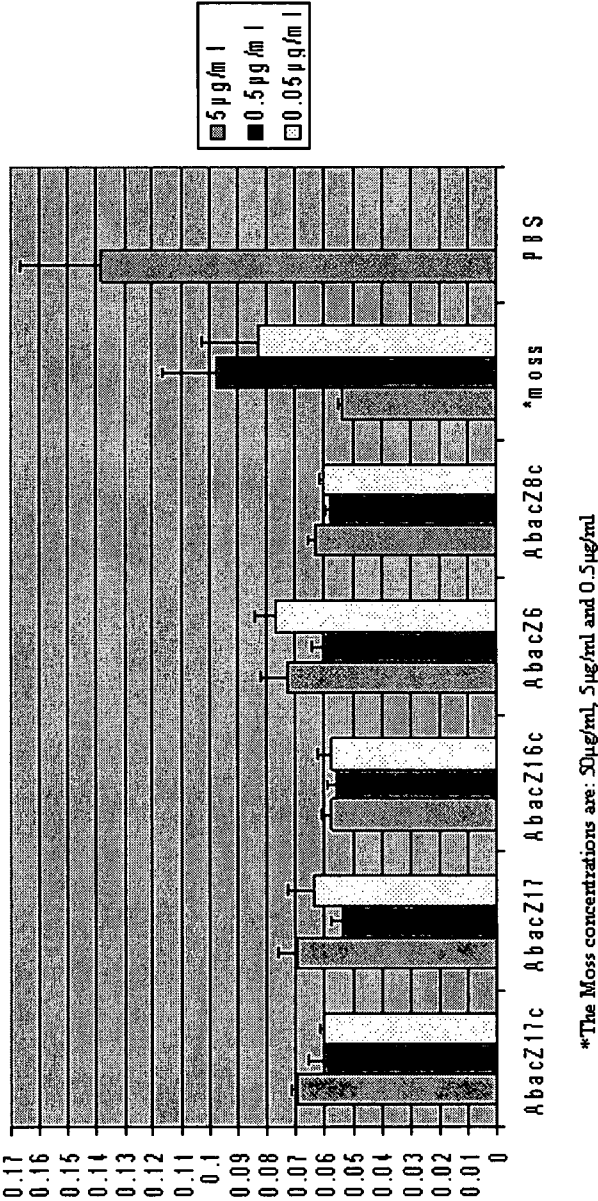


Figure 13

Fig. 8

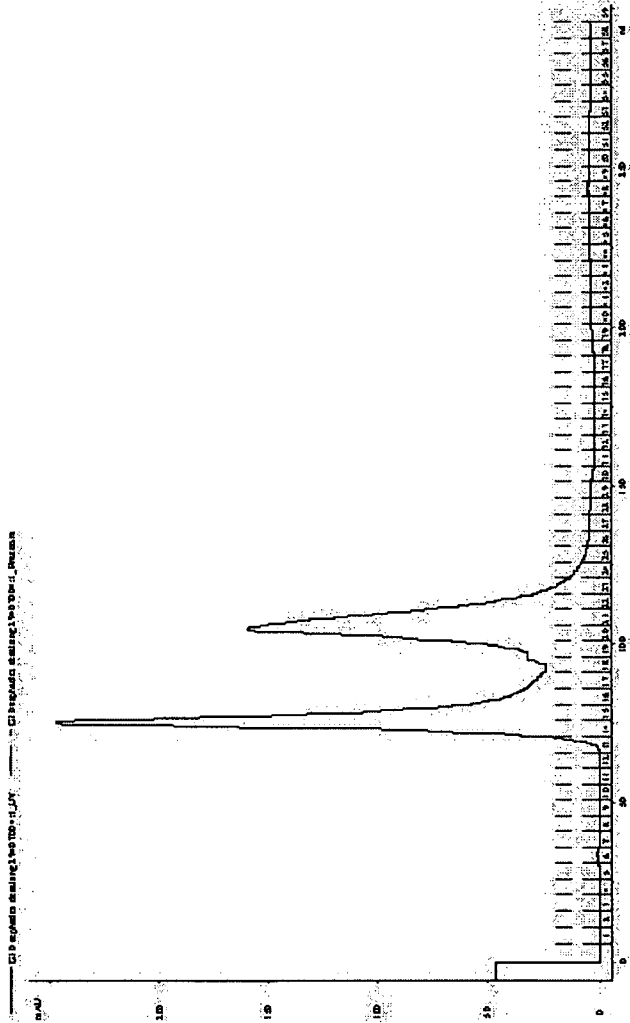


Figure 14

Fig. 9

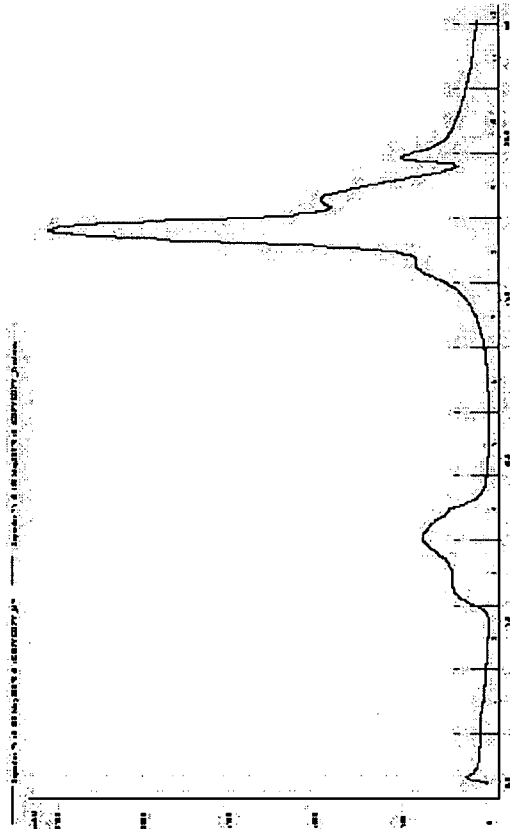


Figure 15

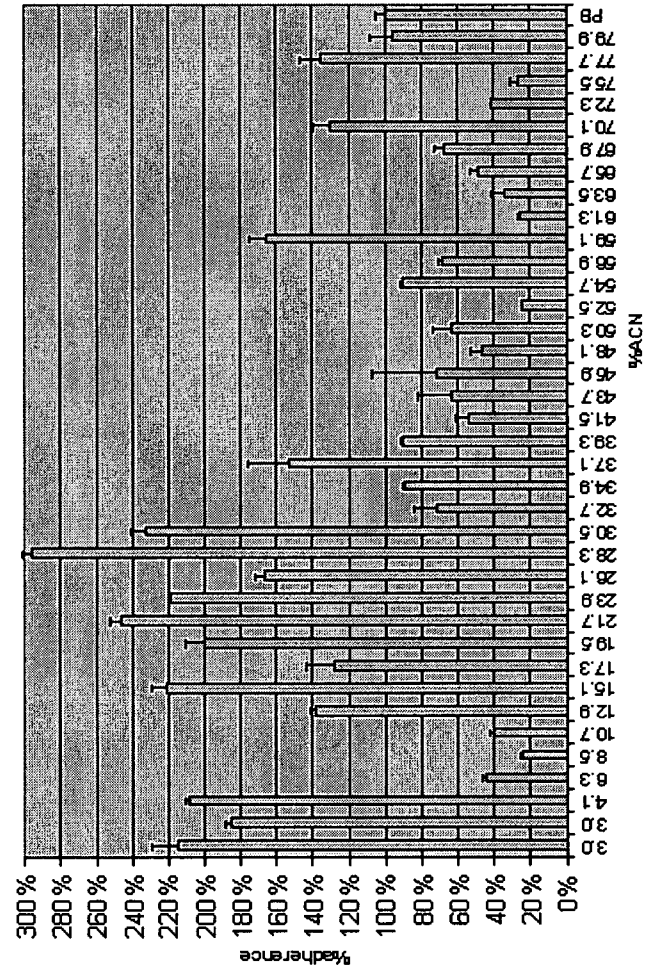
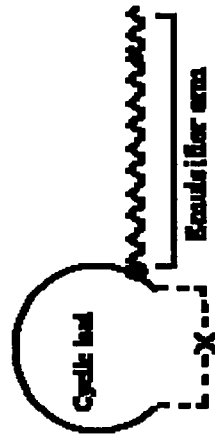
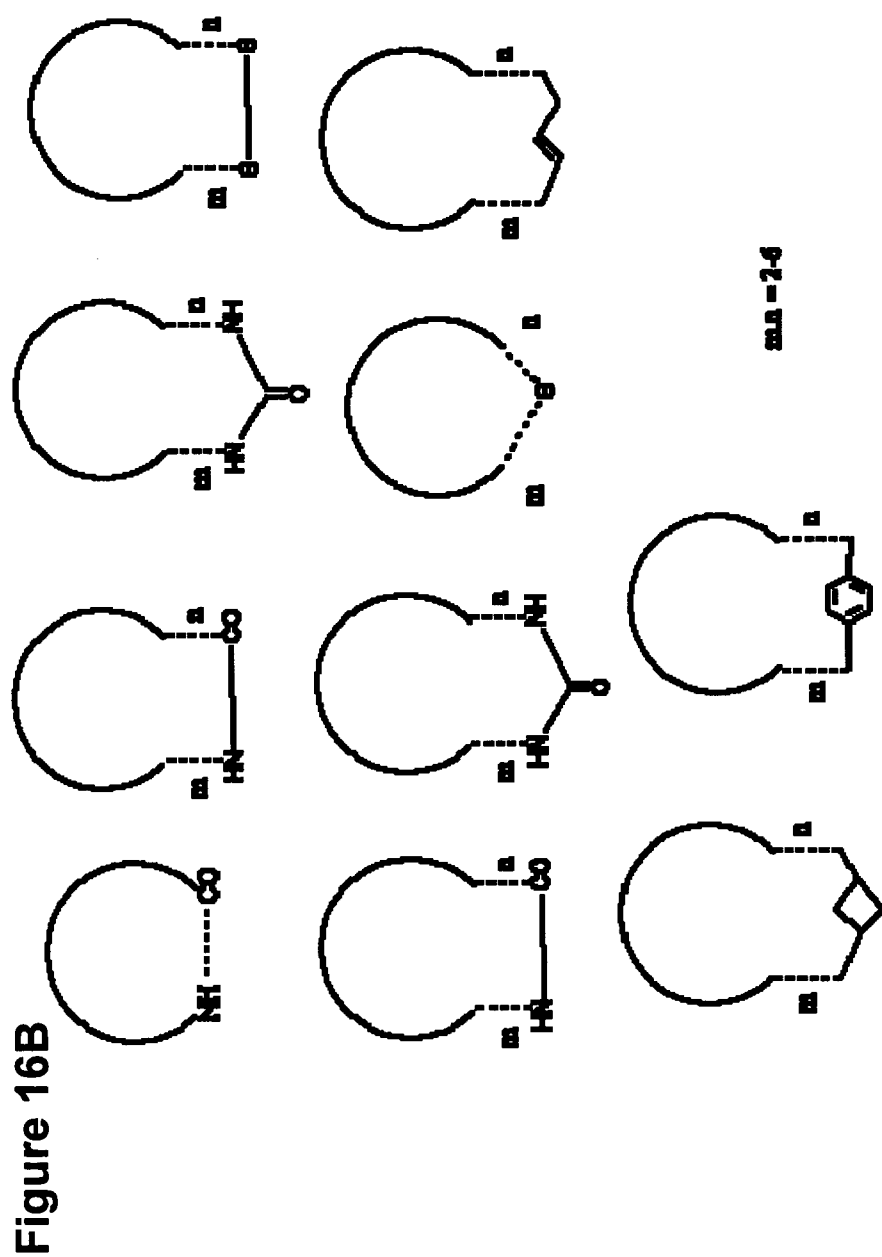


Figure 16A**Scheme 1. General structure of the cyclic head with shoulder area**



Scheme 2. Cyclization strategies:

FLOW CHART FOR DEVELOPMENT OF CYCLIC PEPTIDE LEAD WITH EMULSIFYING ARM

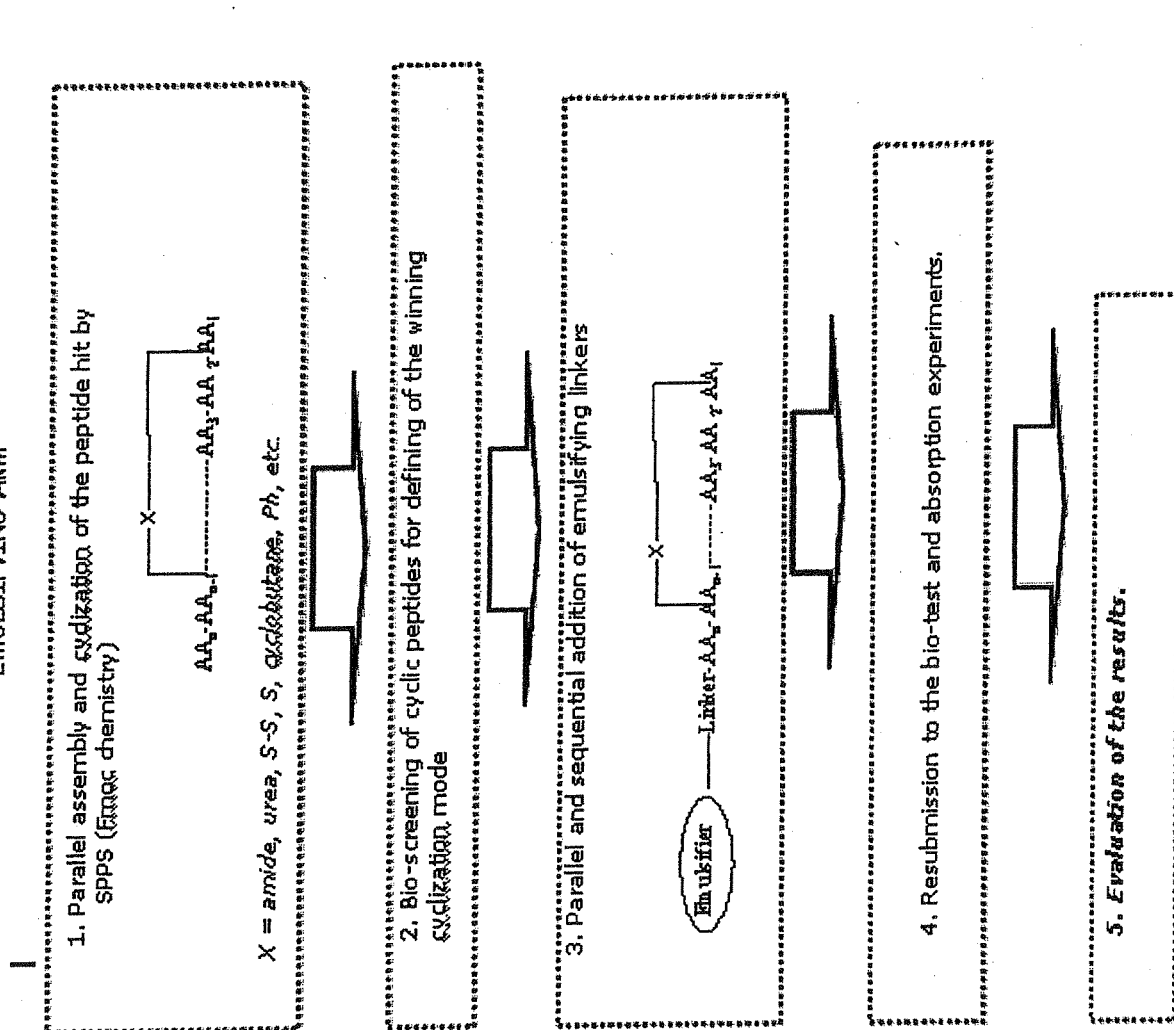


Figure 17