

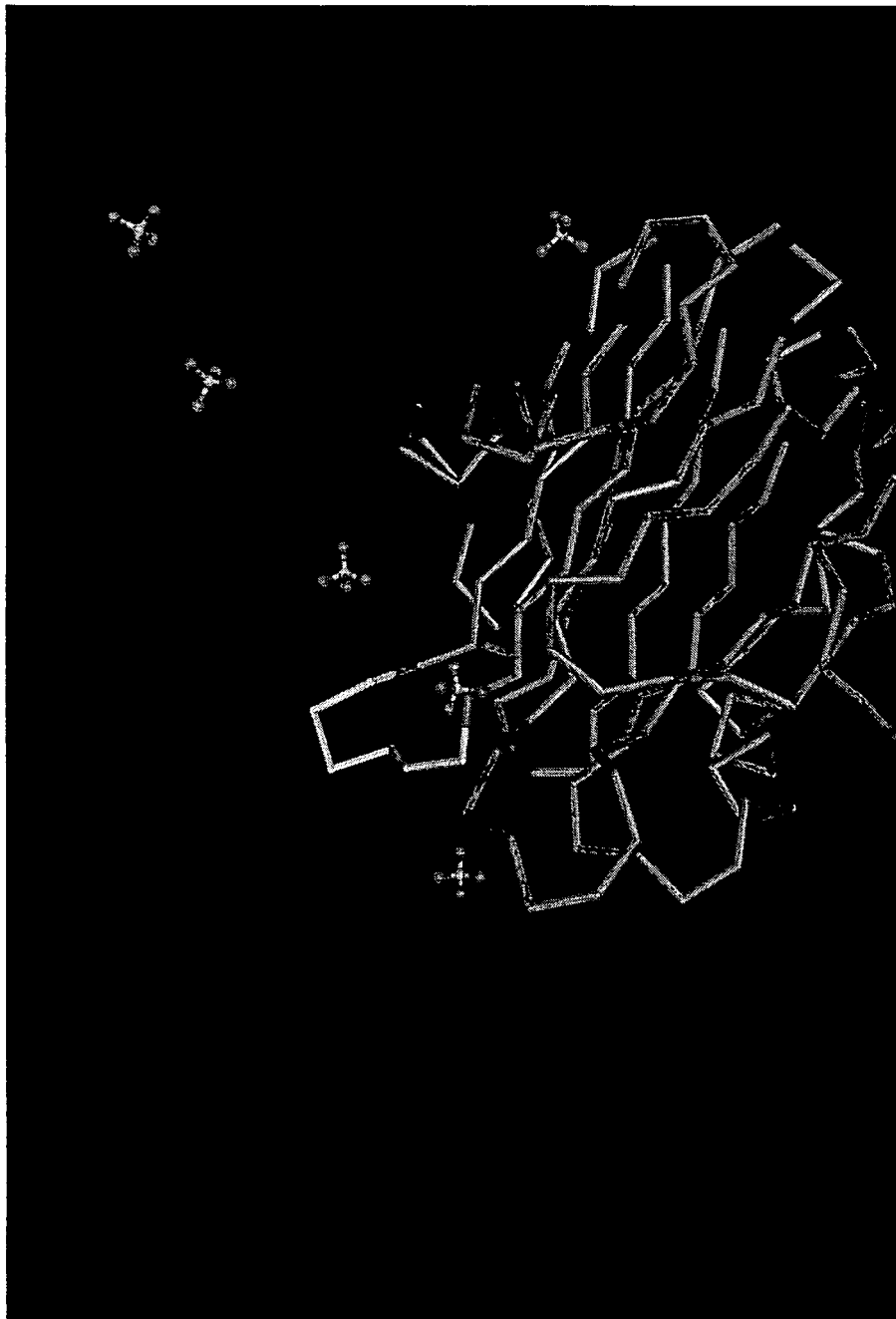


Figure 1: 1GWY Chain A, Crystal Structure Of The Water-Soluble State Of The Pore- Forming Cytolysin Stichoysin li

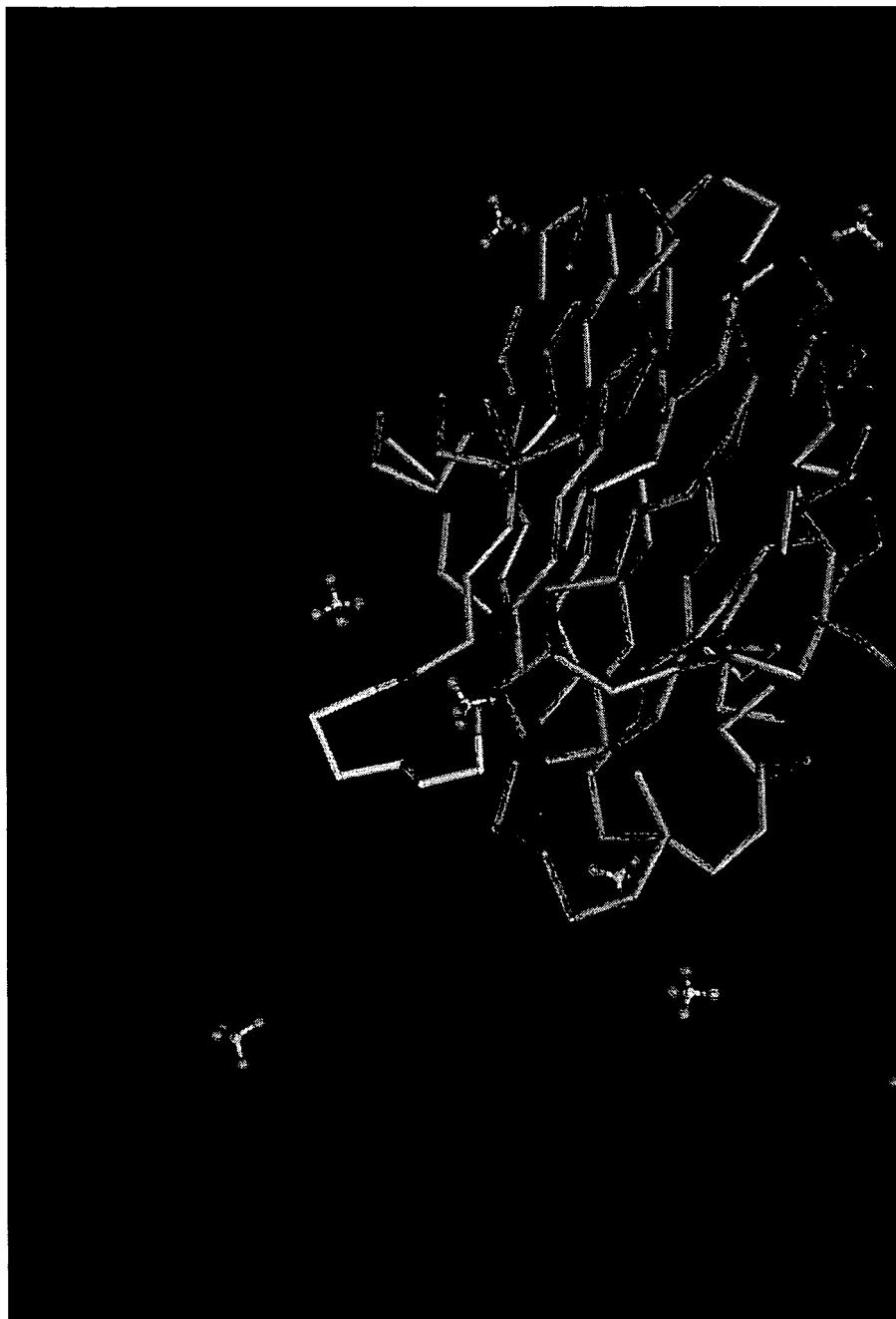


Figure 2: 1GWY Chain B, Crystal Structure Of The Water-Soluble State Of The Pore- Forming Cytolysin Sticholysin II



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

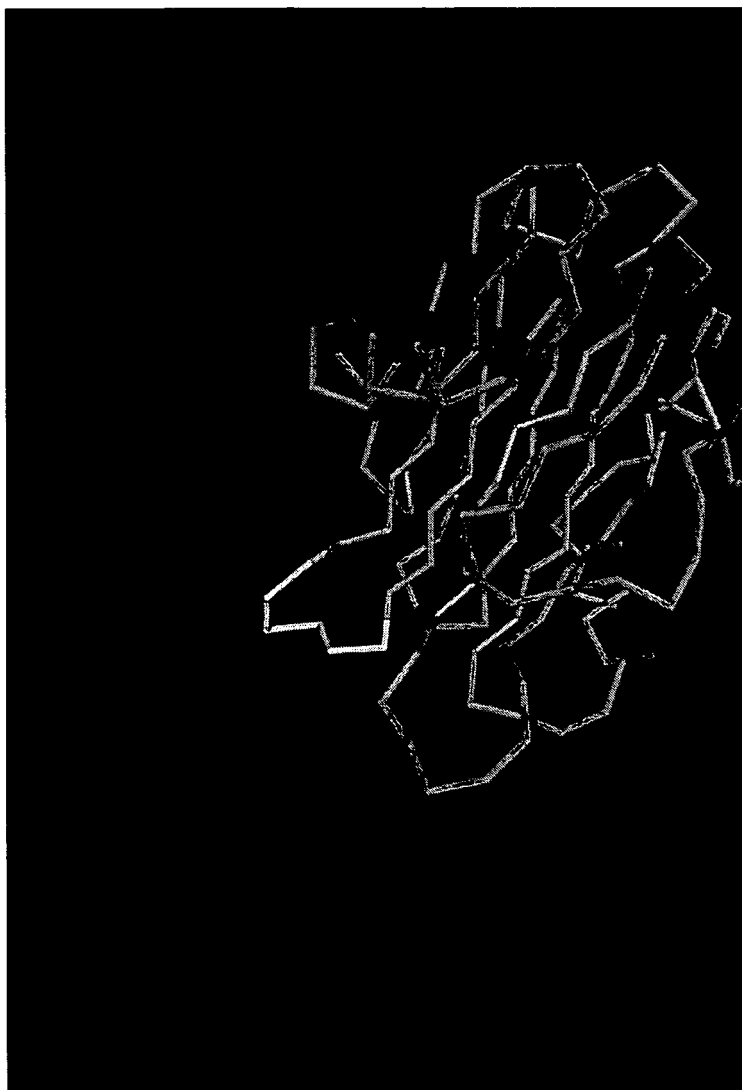


Figure 4: 1TZQ Chain A, Crystal Structure Of The Equinatoxin li 8-69 Double Cysteine Mutant

Figure 5

Pseudomonas aeruginosa ATCC 27853 growth 24hours

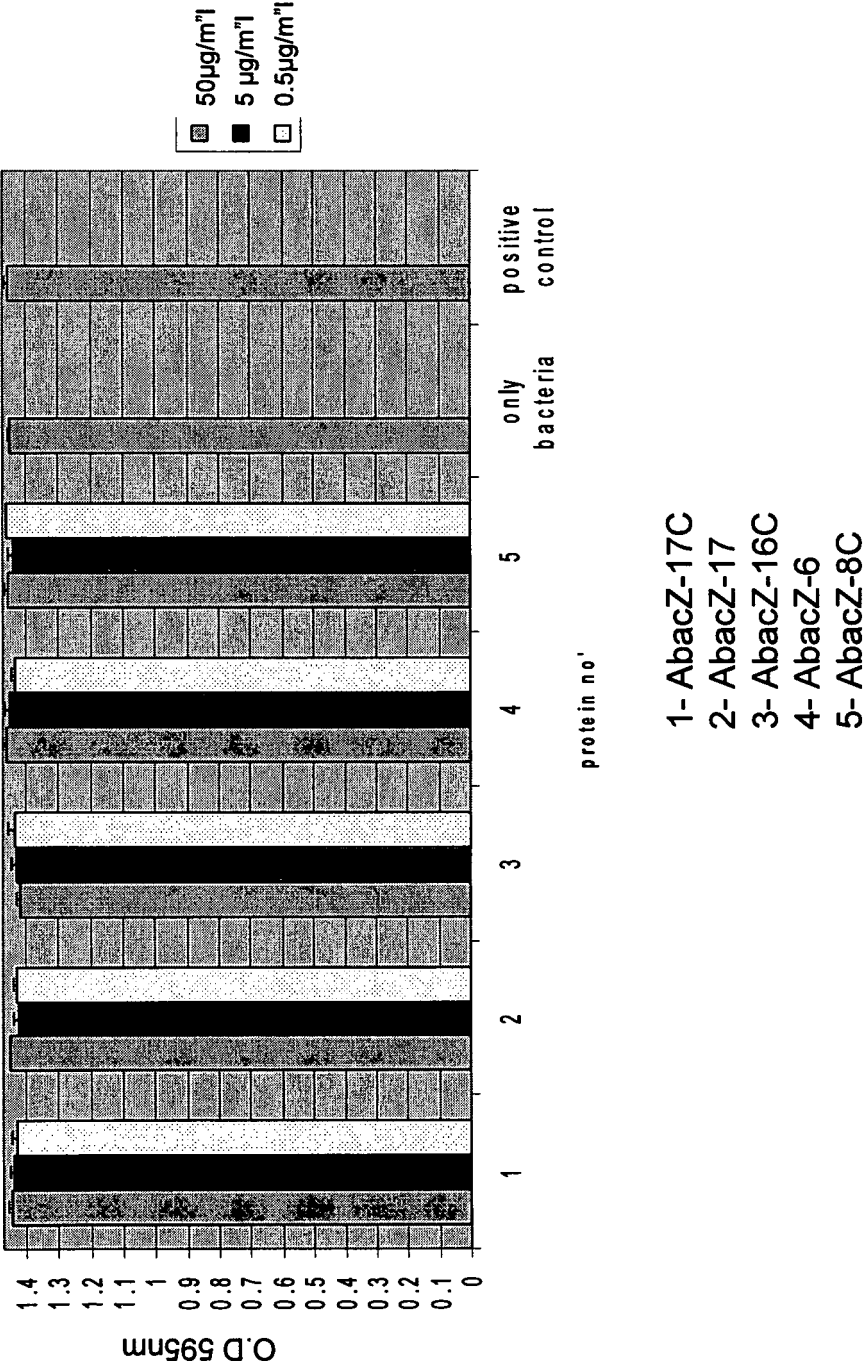
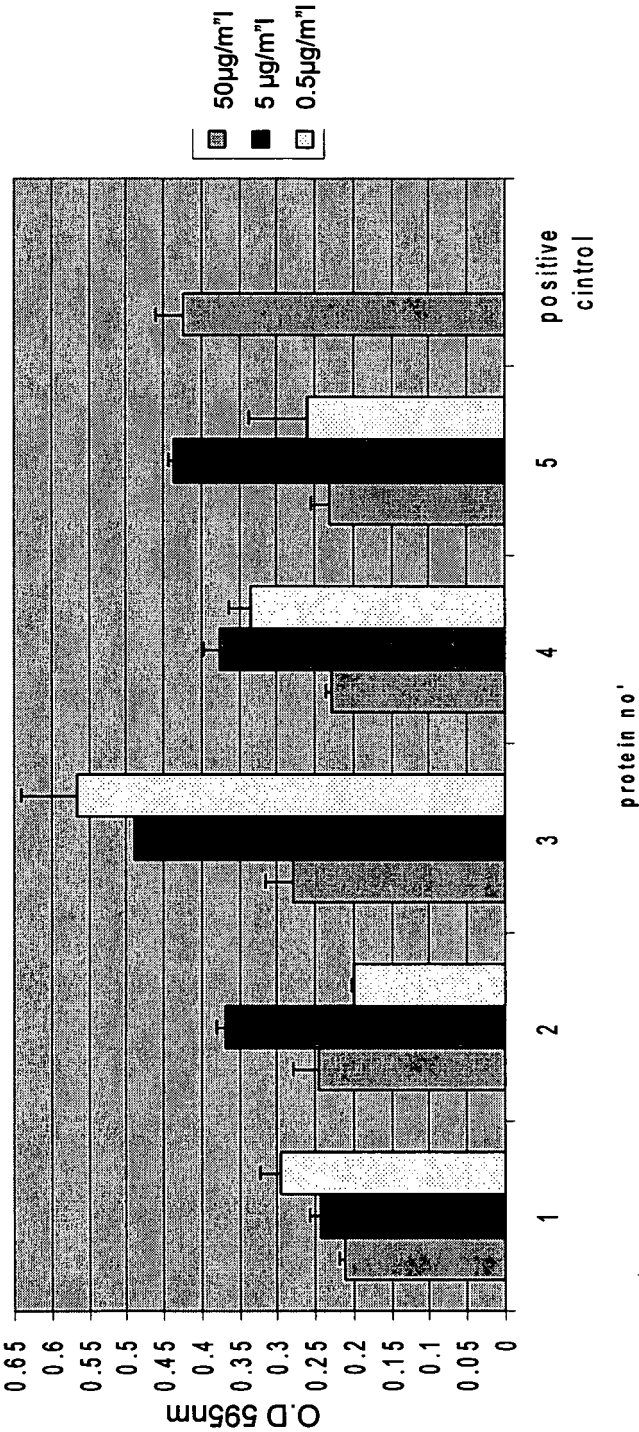


Figure 6

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

Acinetobacter Baumannii (clinical isolate) growth 24hours

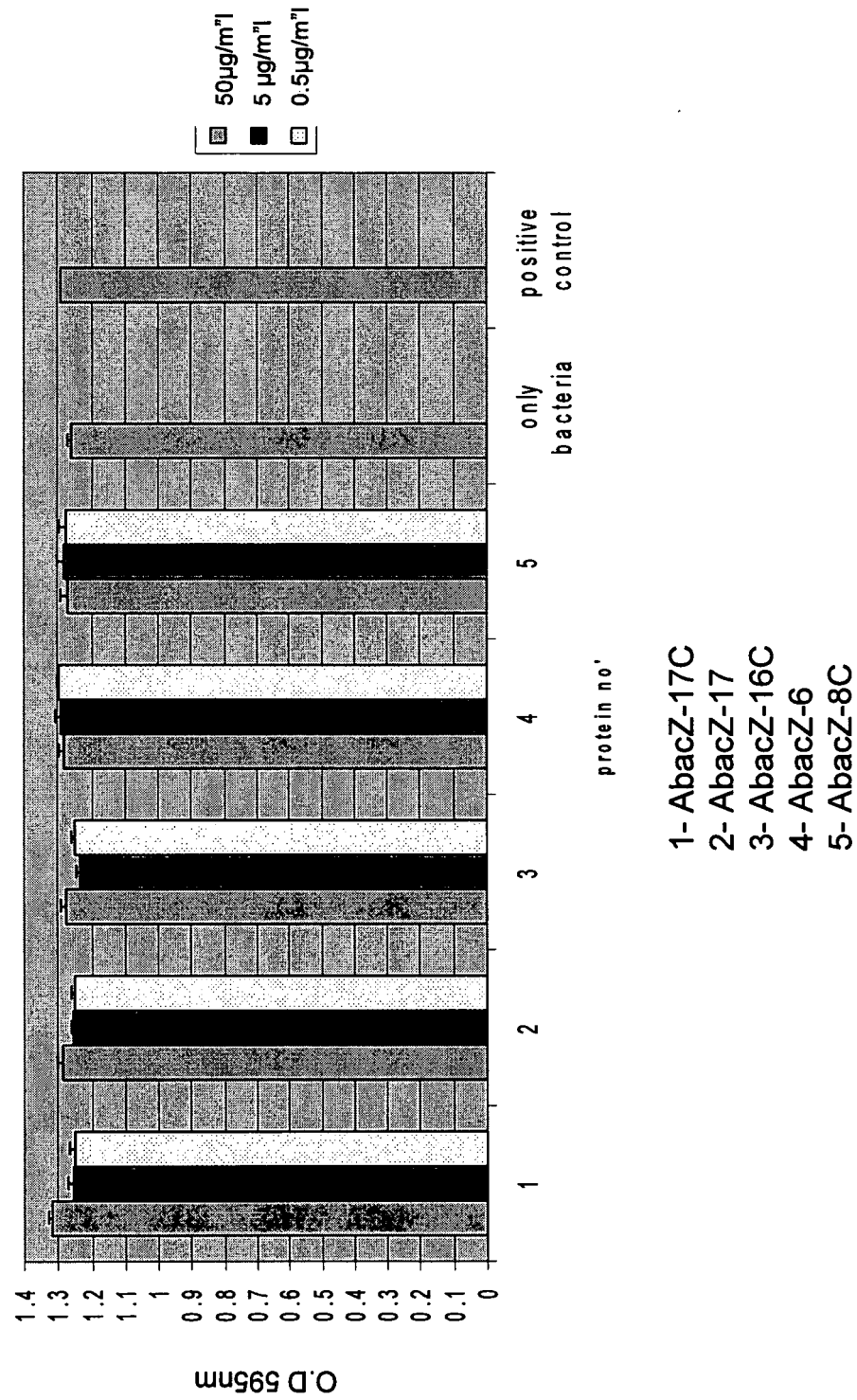


Figure 8

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

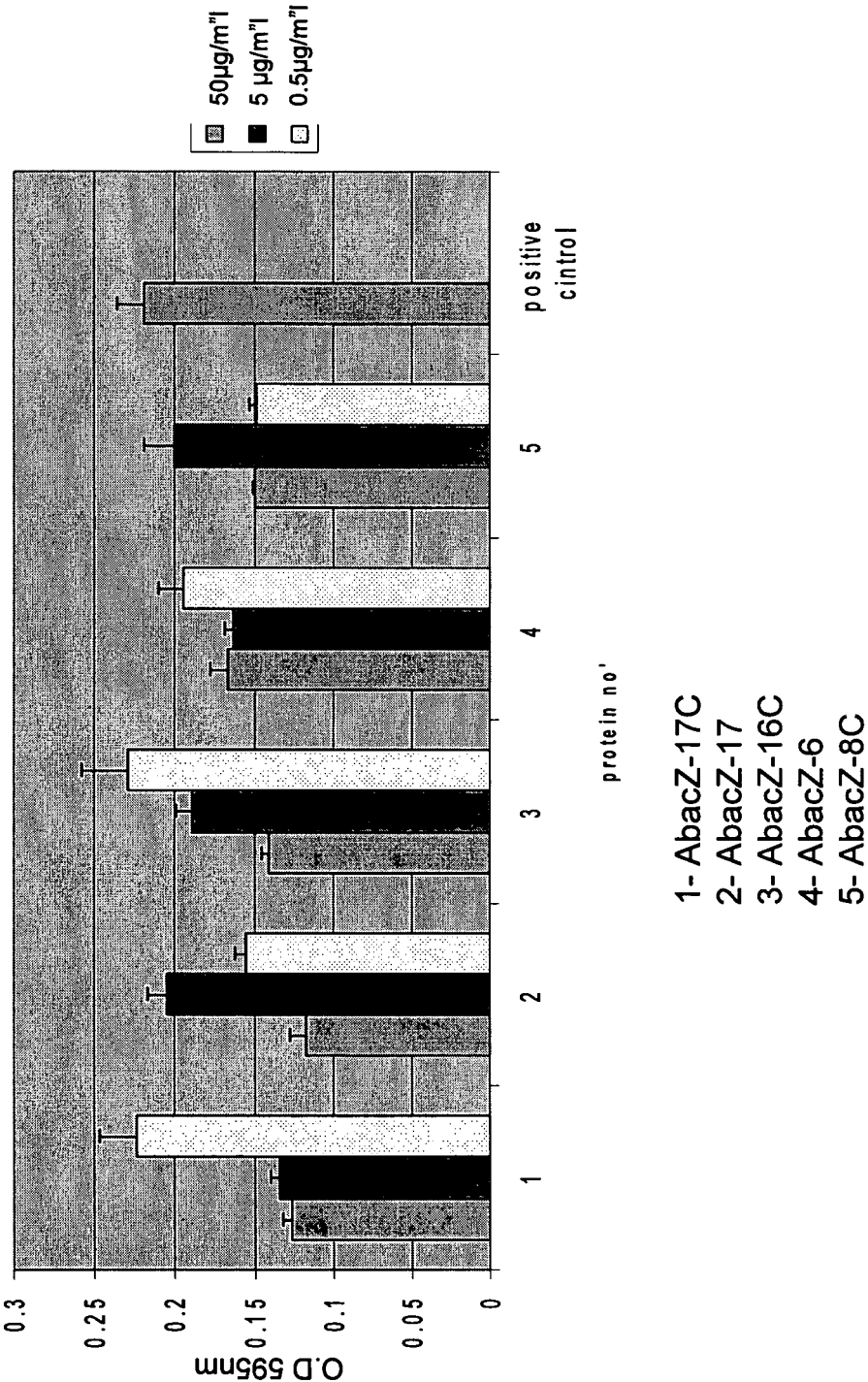


Figure 9
**Prevention of *Actinetobacter baumannii* biofilm formation by *Actinia*
equina fractions**

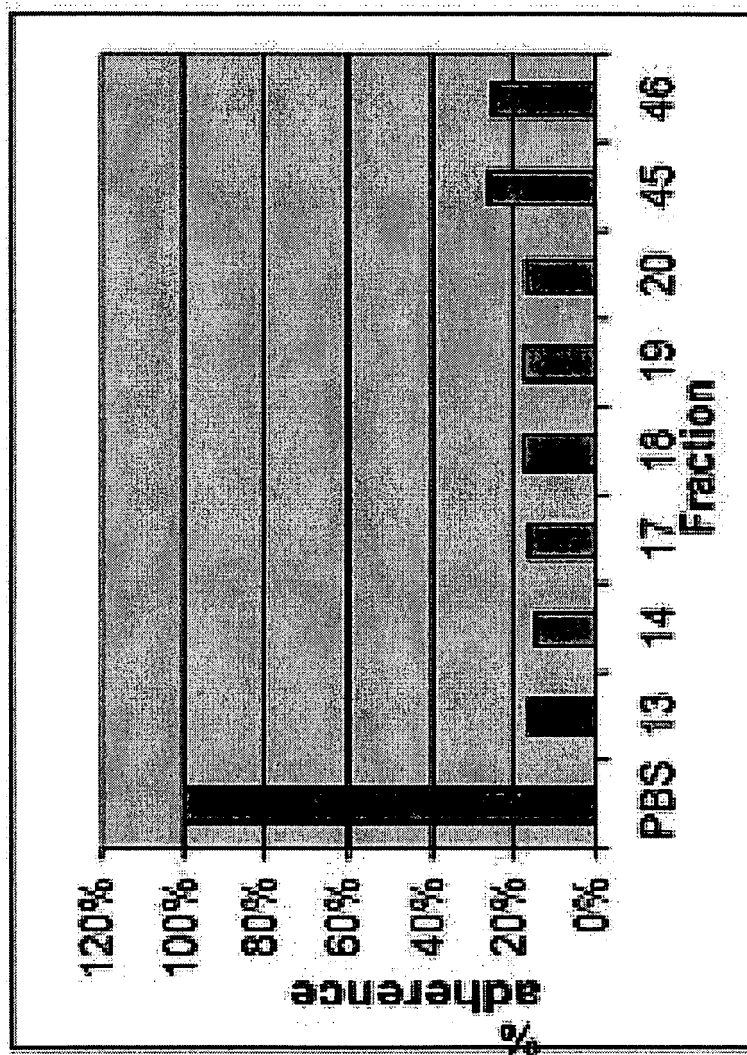
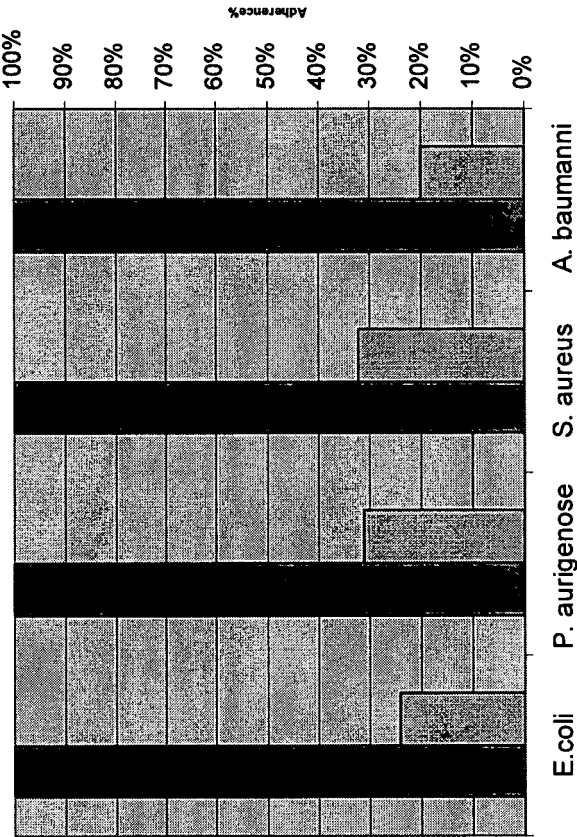


Figure 10
Prevention of biofilm formation by fraction 13



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

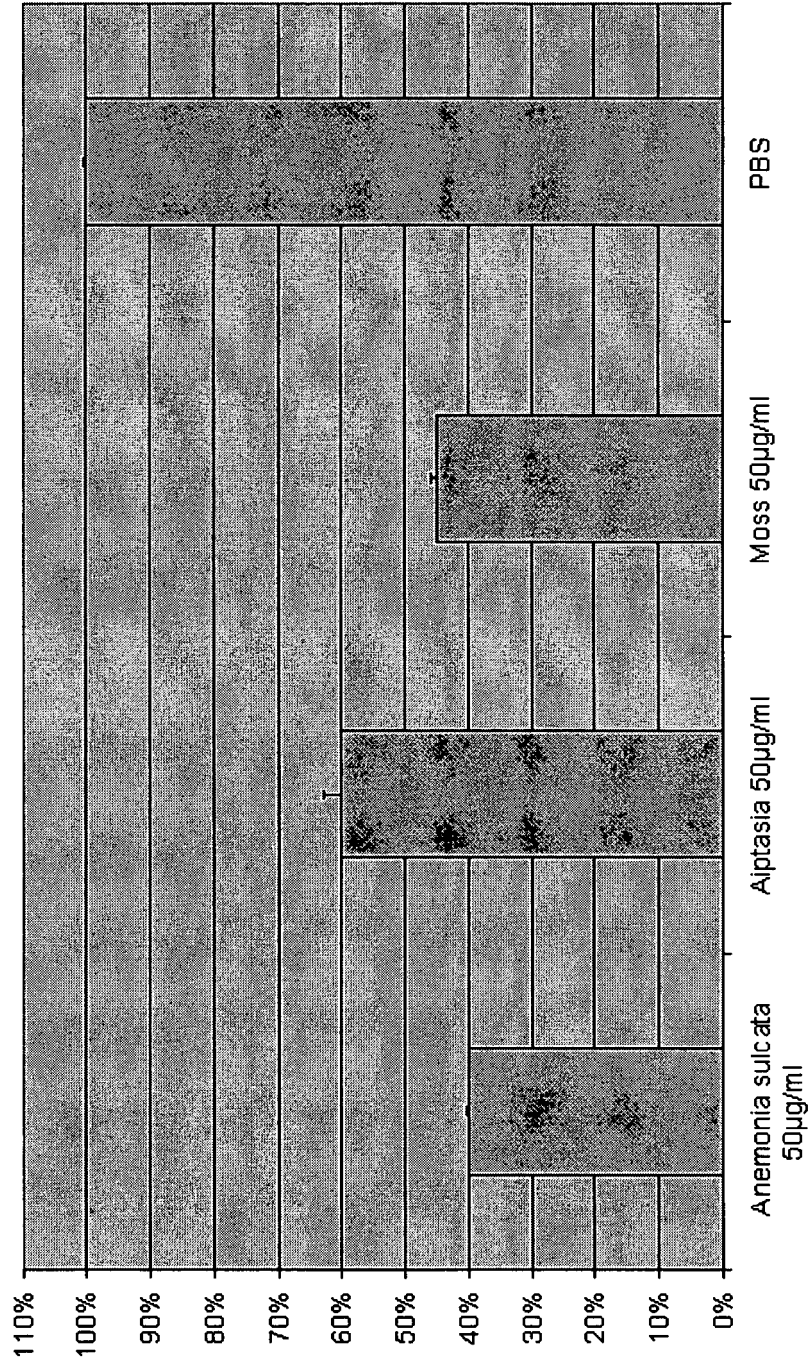
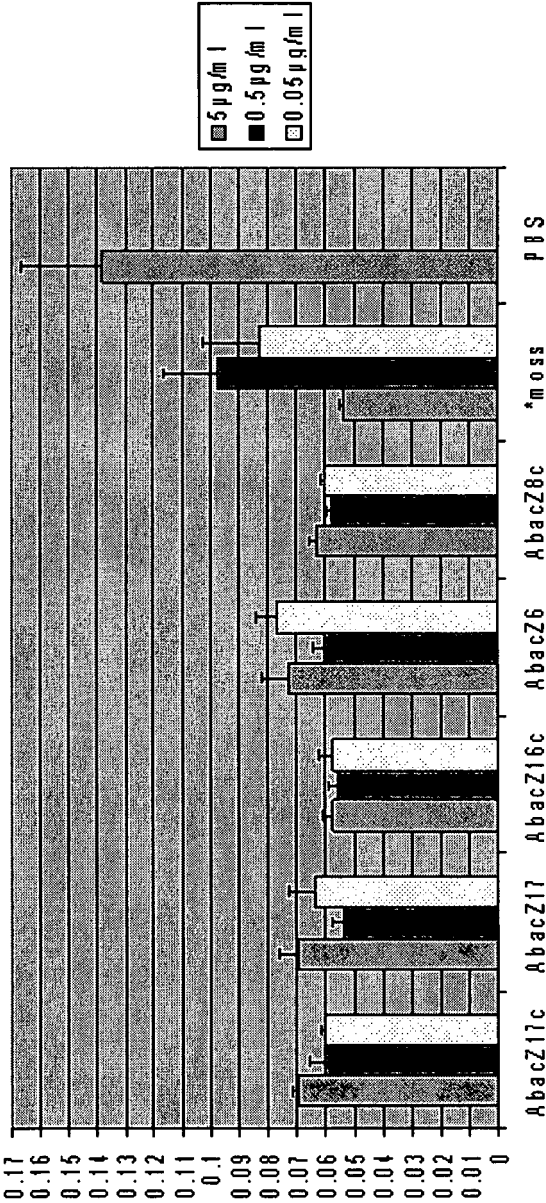


Figure 11

Figure 12

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



*The Moss concentrations are: 50µg/ml, 5µg/ml and 0.5µg/ml

Figure 13

Fig. 8

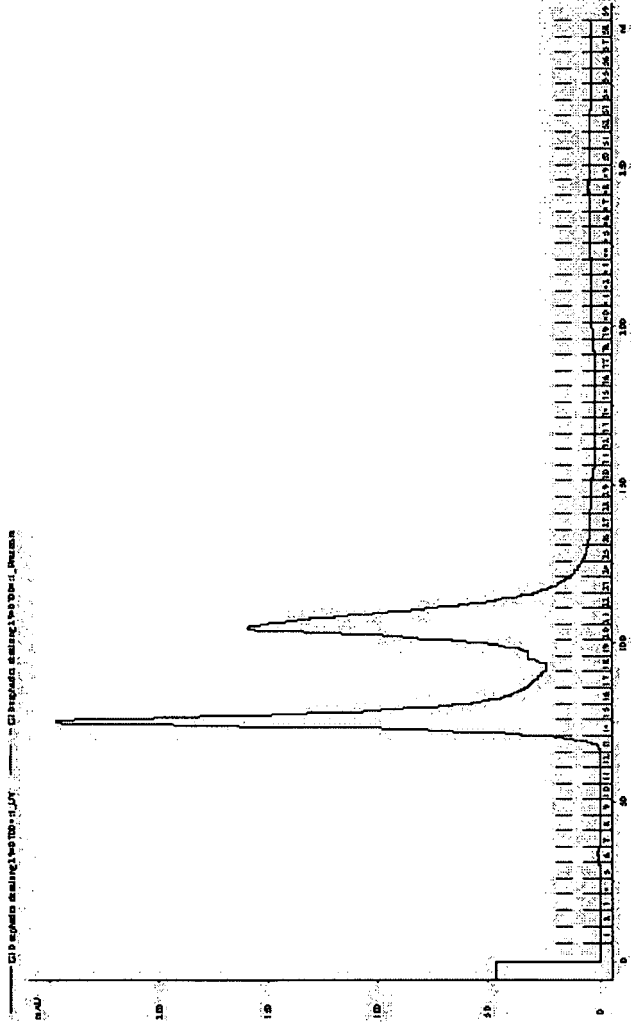


Figure 14

Fig. 9

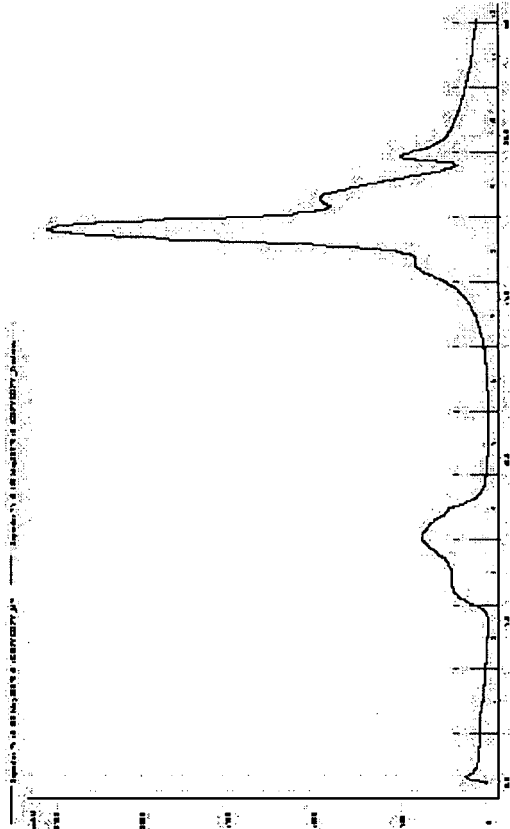


Figure 15

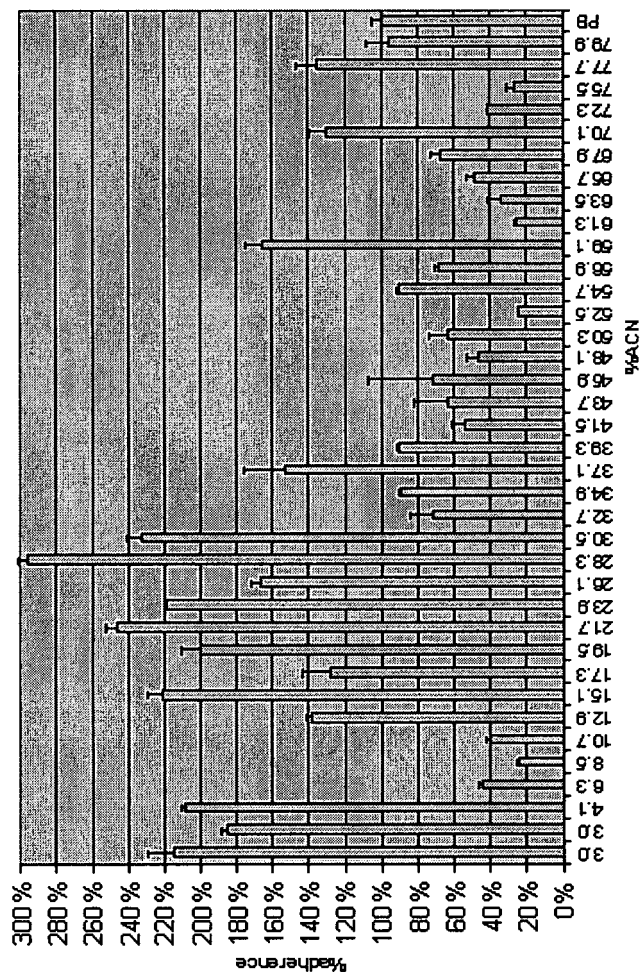
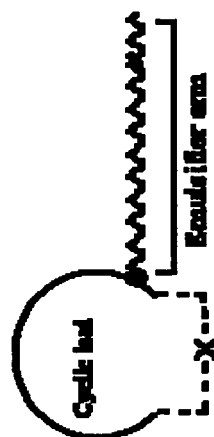
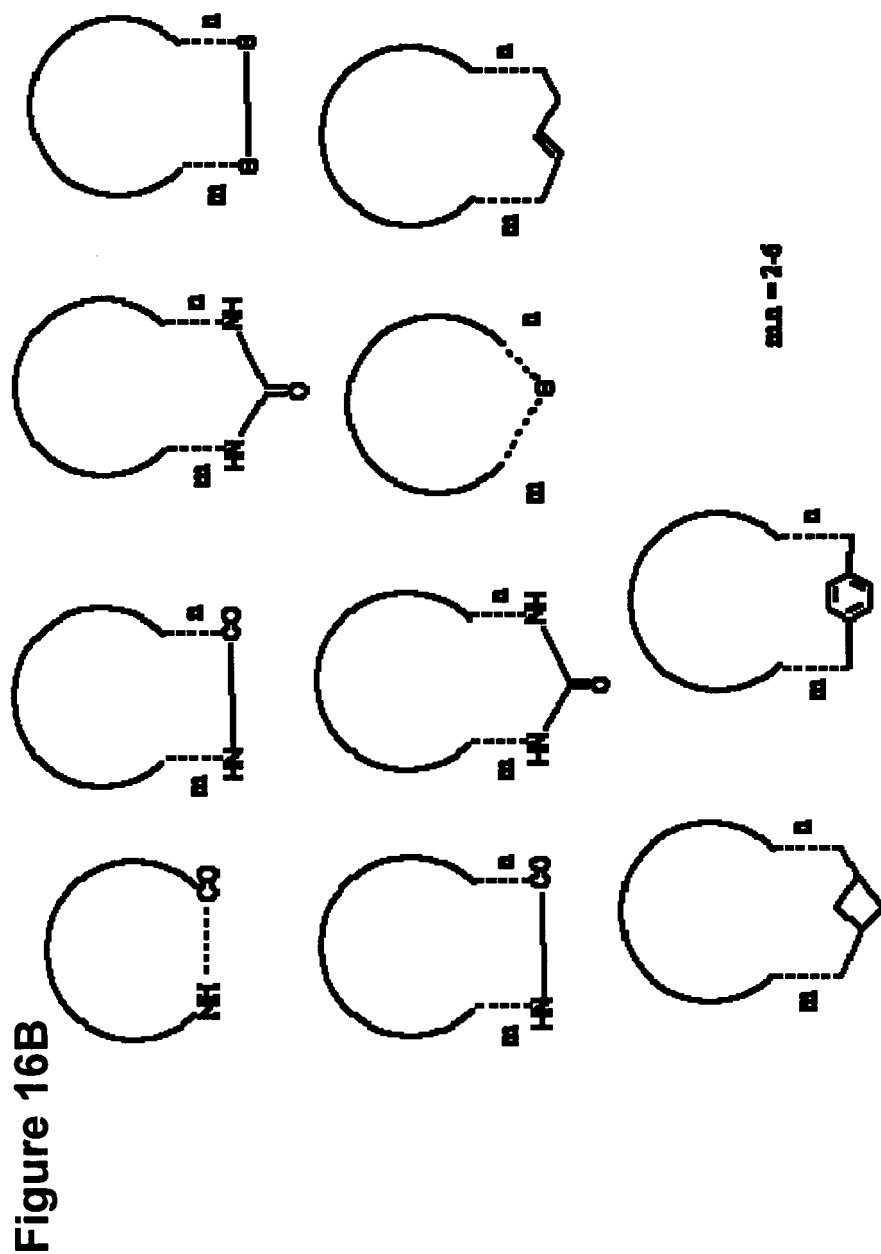


Figure 16A**Scheme 1. General structure of the cyclic lead with erasable area**



FLOW CHART FOR DEVELOPMENT OF CYCLIC PEPTIDE LEAD WITH EMULSIFYING ARM

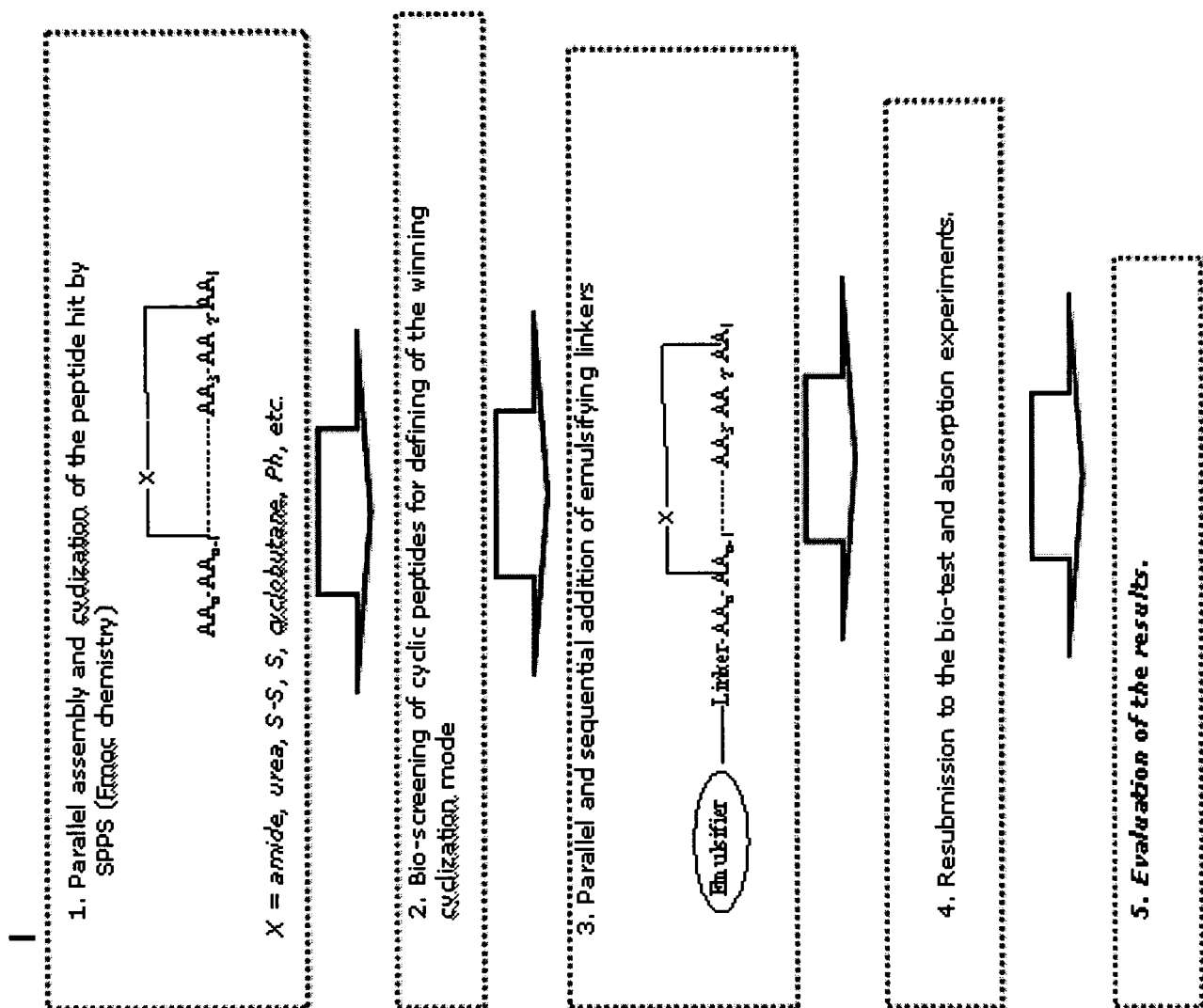


Figure 17