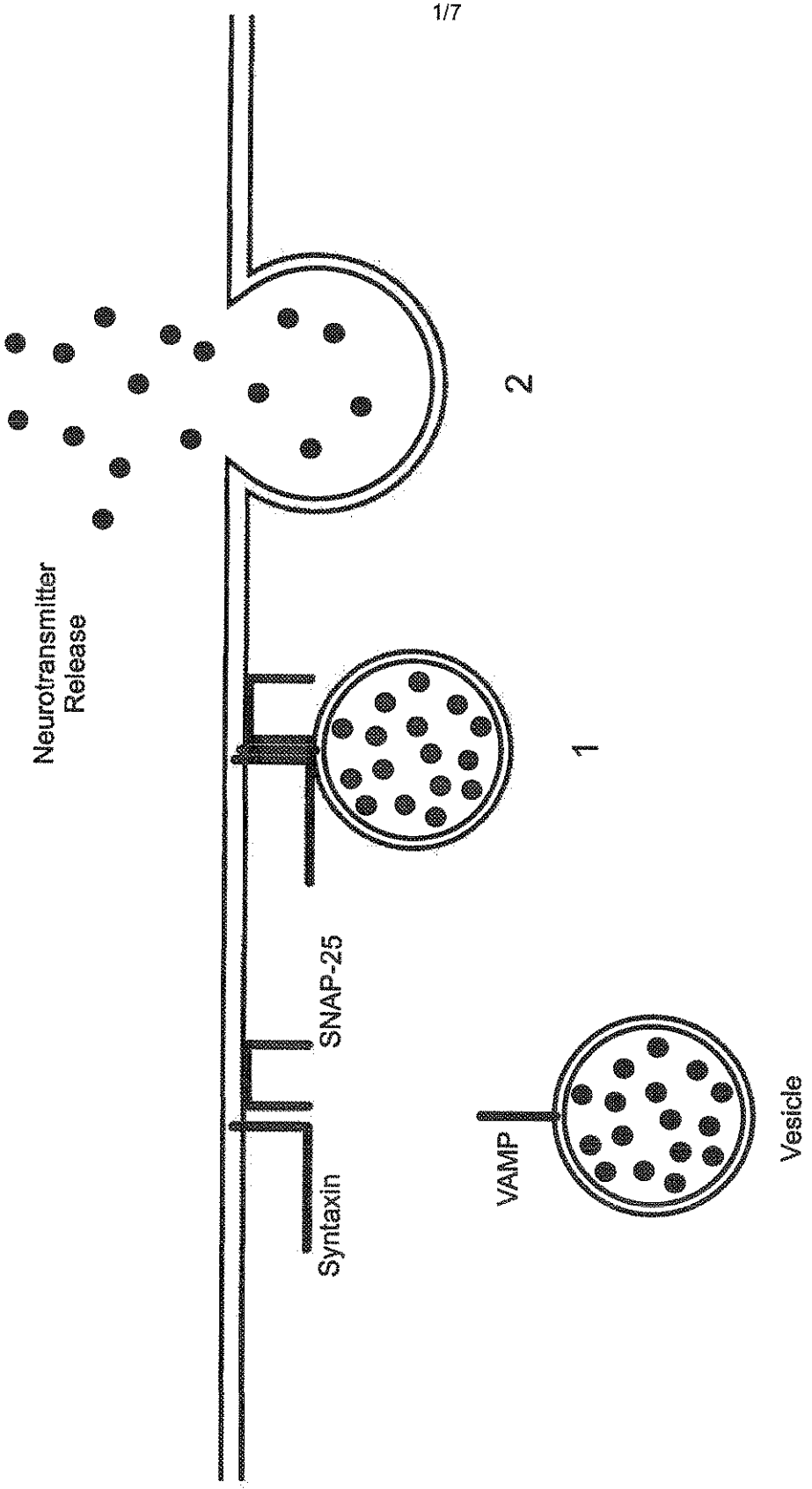

Neurotransmitter Release
2
1
SNAP-25
Syntaxin
VAMP
Vesicle

FIG. 1A.

FIG. 1B.

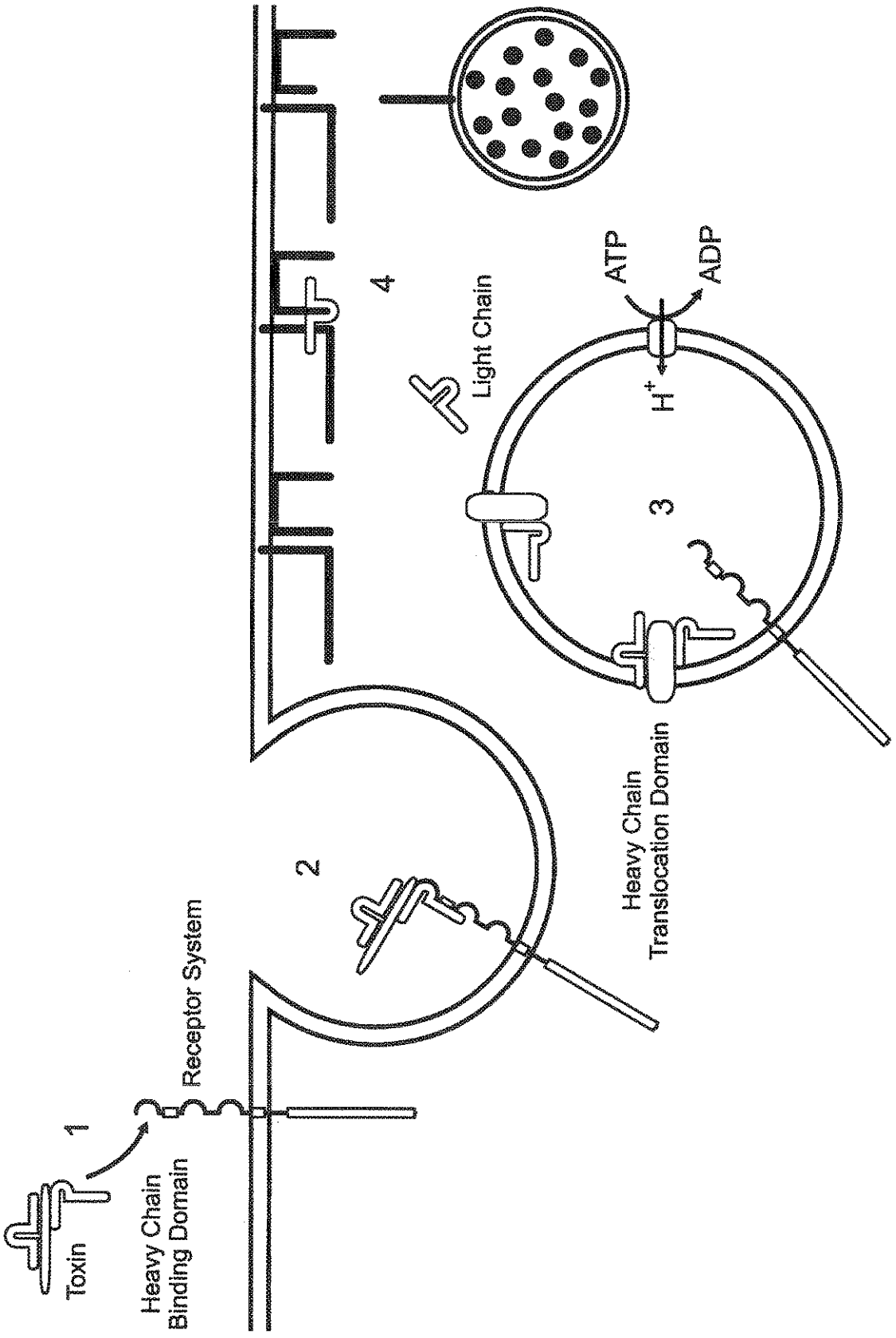

1
Toxin
Heavy Chain
Binding Domain
Receptor System
2
3
Heavy Chain
Translocation Domain
4
Light Chain
ATP
ADP
H+

FIG. 2.

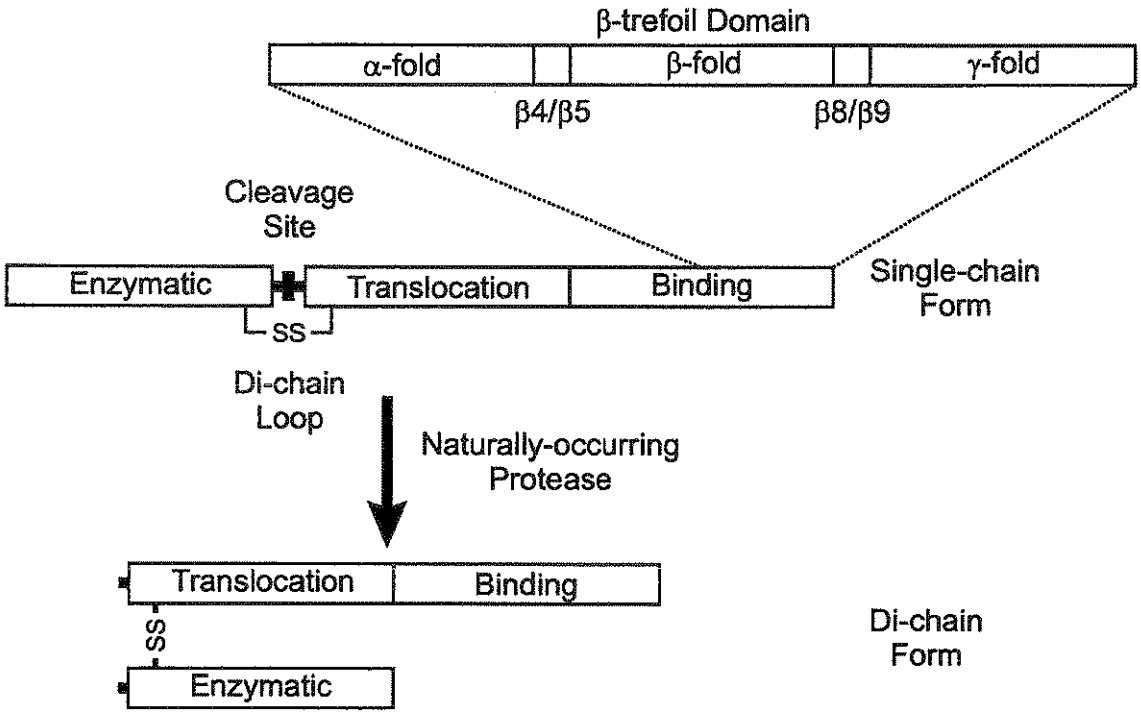

β-trefoil Domain
α-fold
β-fold
γ-fold
β4/β5
β8/β9
Cleavage Site
Enzymatic
Translocation
Binding
Single-chain Form
SS
Di-chain Loop
Naturally-occurring Protease
Translocation
Binding
SS
Enzymatic
Di-chain Form

FIG. 3A.

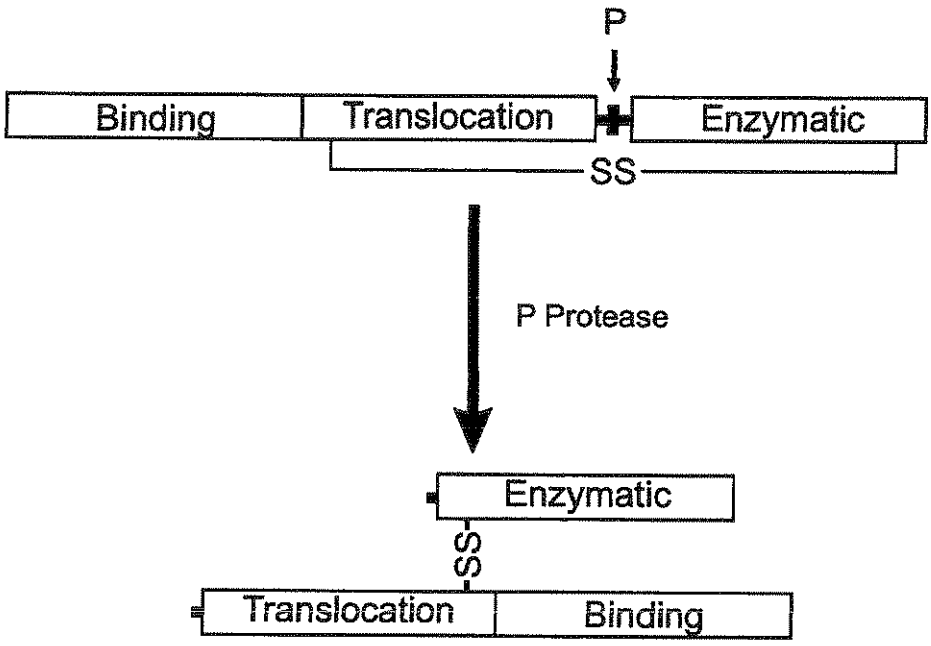

P
Binding
Translocation
Enzymatic
SS
P Protease
Enzymatic
SS
Translocation
Binding

FIG. 3B.

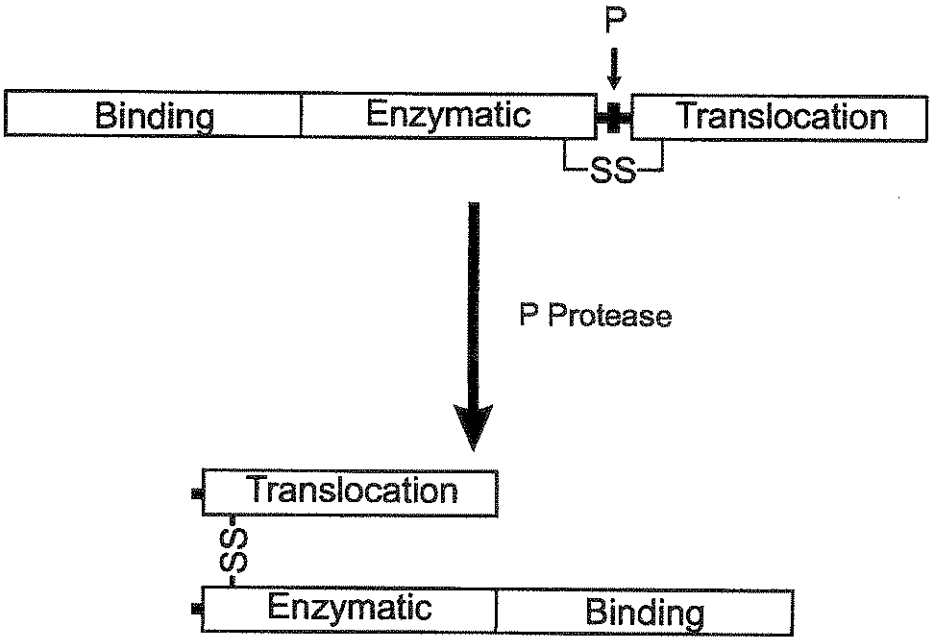

P
Binding
Enzymatic
Translocation
SS
P Protease
Translocation
SS
Enzymatic
Binding

FIG. 4A.

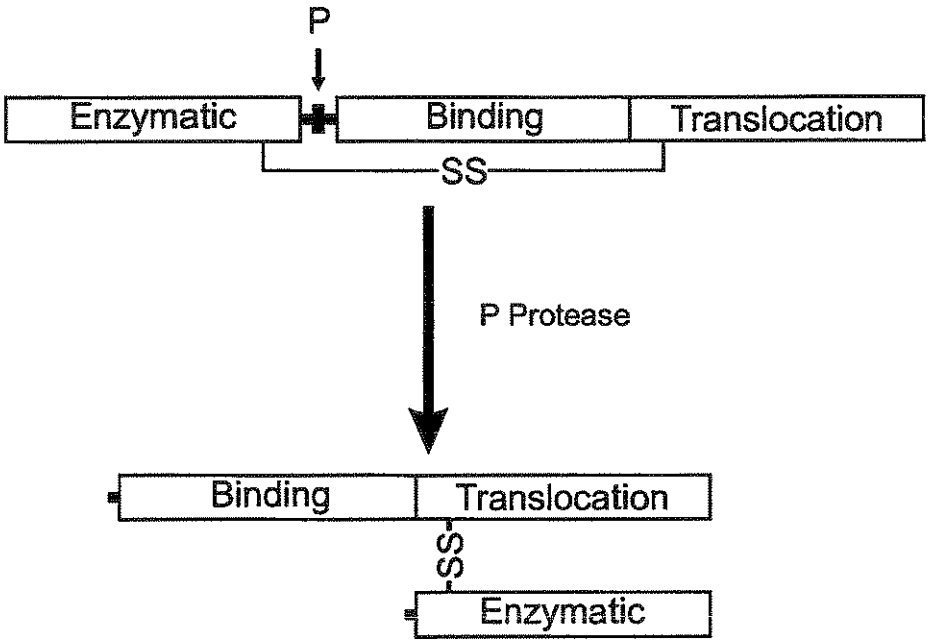

P
Enzymatic
Binding
Translocation
SS
P Protease
Binding
Translocation
SS
Enzymatic

FIG. 4B.

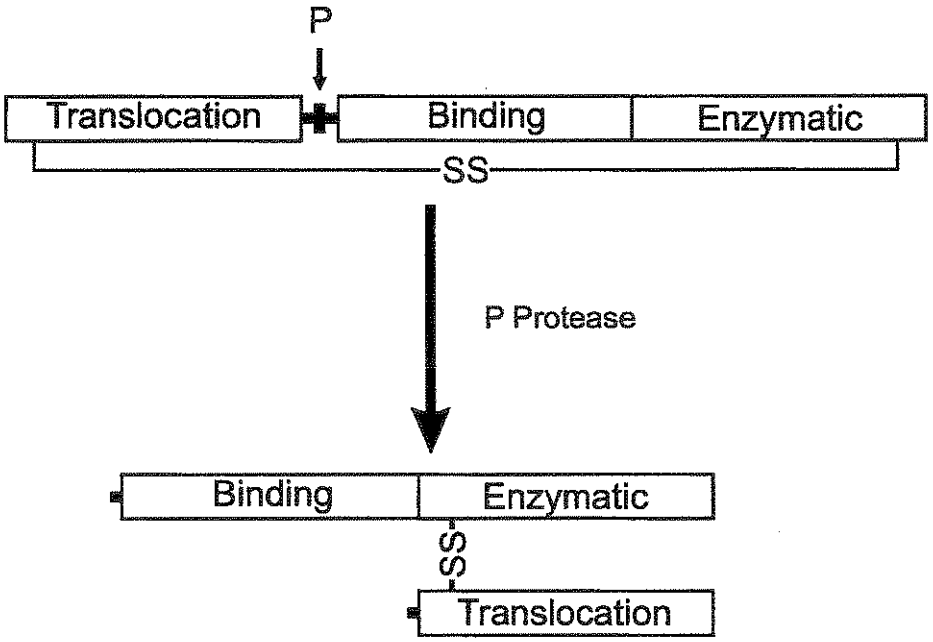

P
Translocation
Binding
Enzymatic
SS
P Protease
Binding
Enzymatic
SS
Translocation

FIG. 4C.

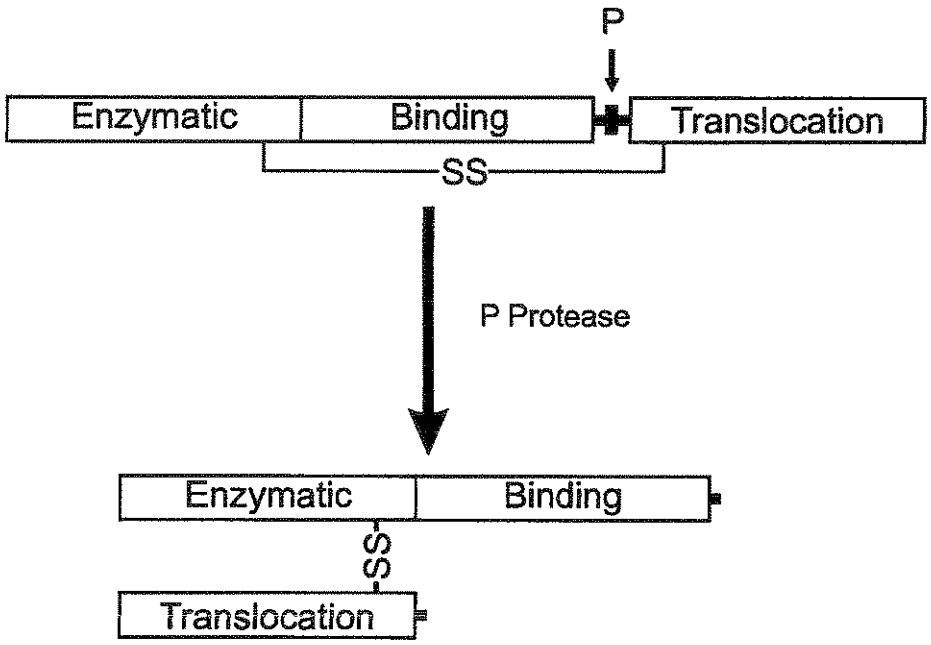

P
Enzymatic
Binding
Translocation
SS
P Protease
Enzymatic
Binding
SS
Translocation

FIG. 4D.

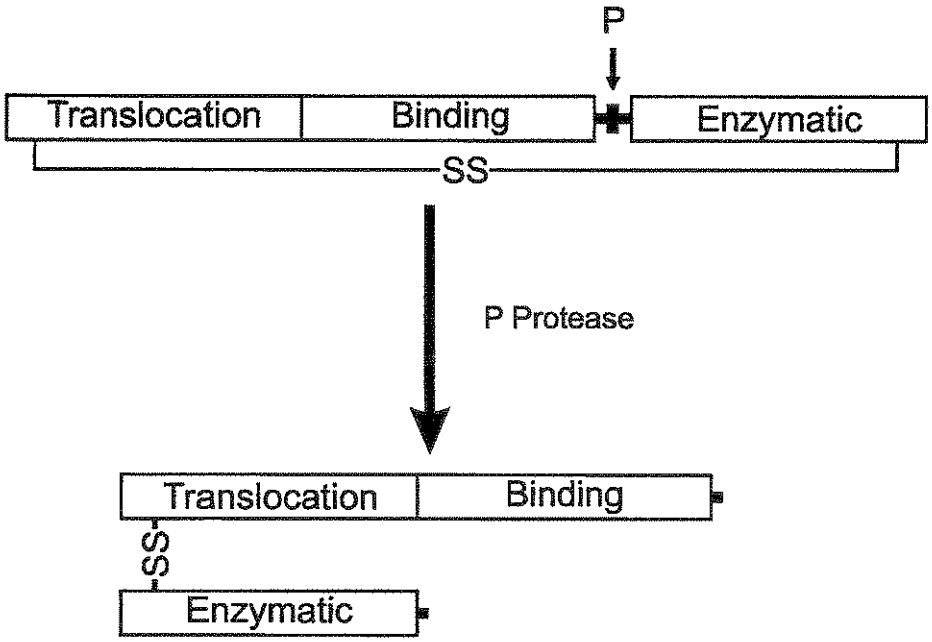

P
Translocation
Binding
Enzymatic
SS
P Protease
Translocation
Binding
SS
Enzymatic

FIG. 5A.

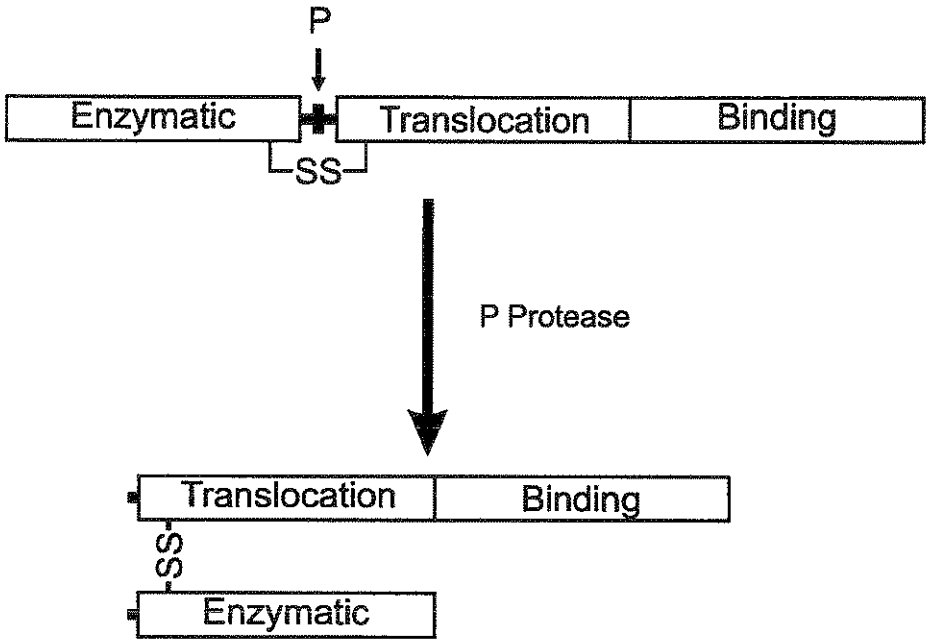
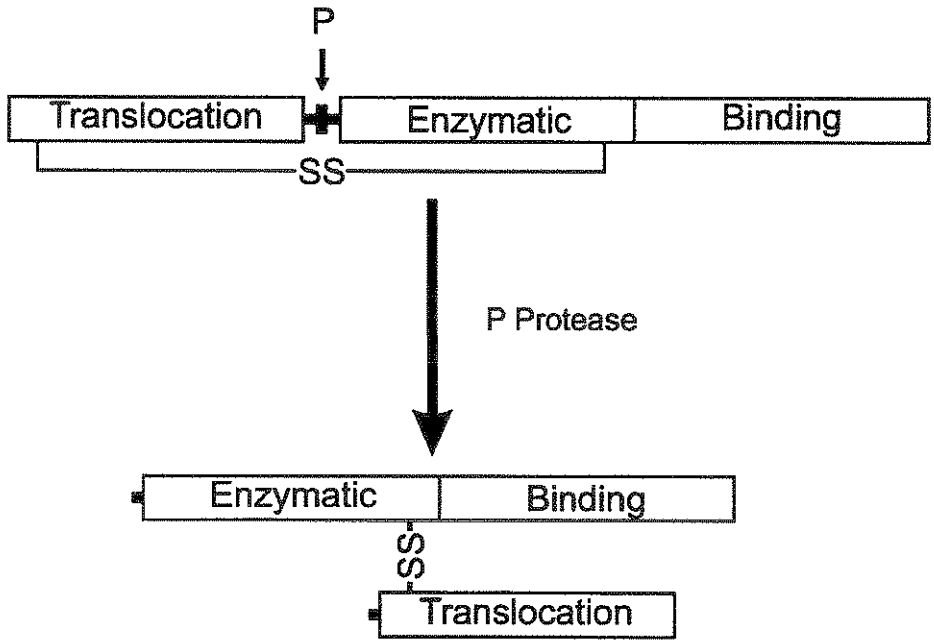

P
Enzymatic
Translocation
Binding
SS
P Protease
Translocation
Binding
SS
Enzymatic

FIG. 5B.


P
Translocation
Enzymatic
Binding
SS
P Protease
Enzymatic
Binding
SS
Translocation