

**Type III Secretion
System
Bacteria - Plant Case.**

plant
surface.
↑

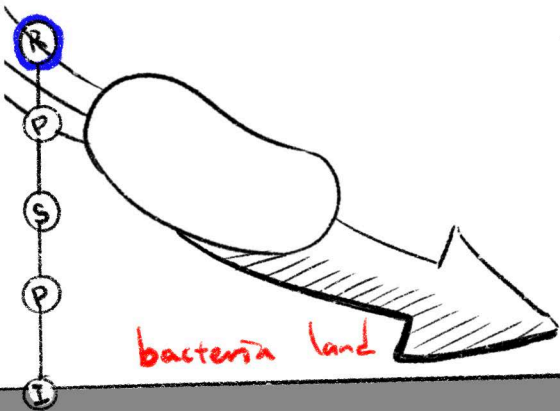
R

P

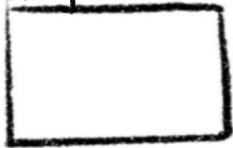
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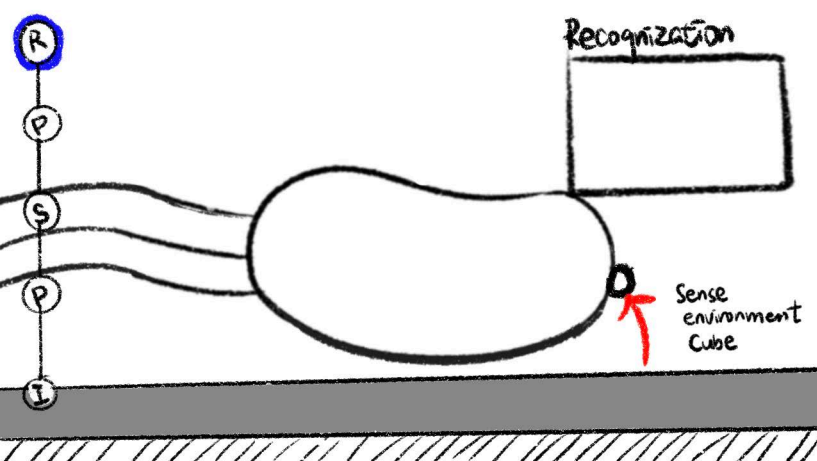
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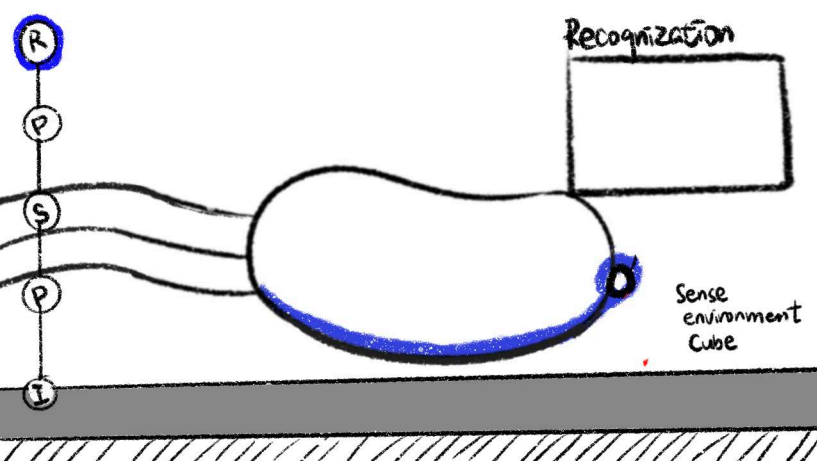
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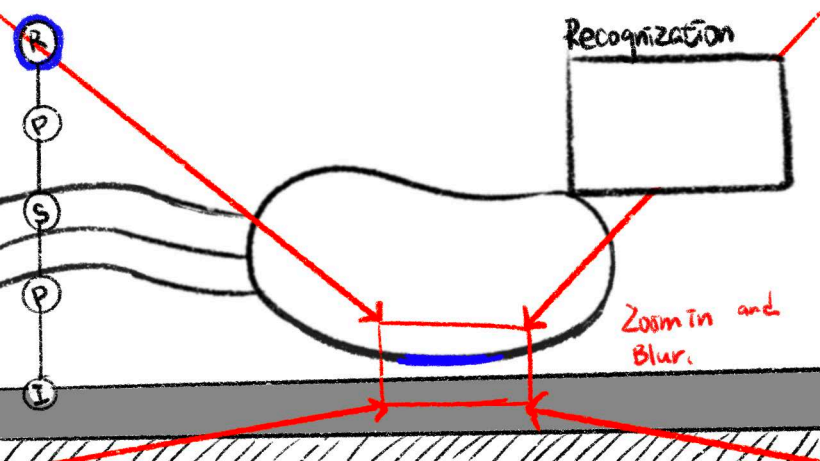


Recognition









R

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S

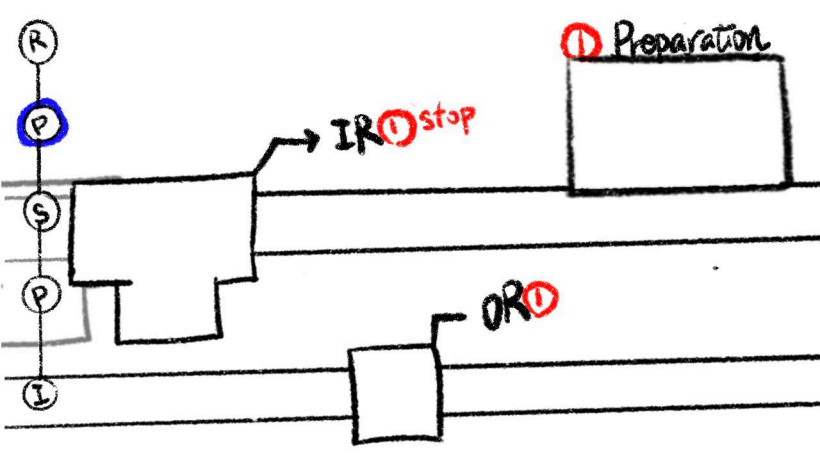
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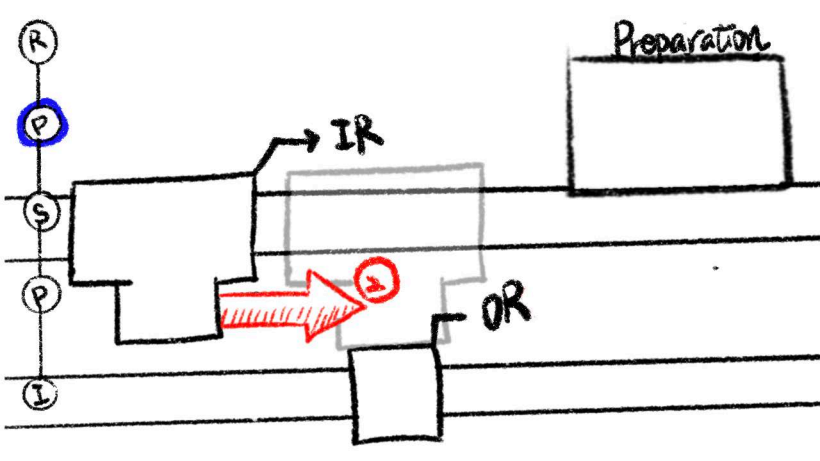
I

① Preparation

IR ① stop

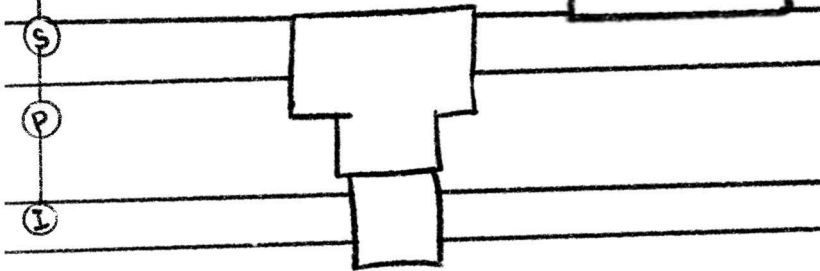
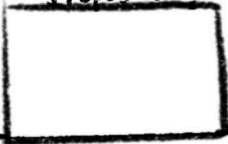
OR ①







① Preparation



R

P

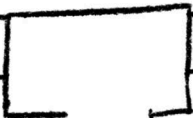
S

P

I

② Stop

C-ring (ATPase)



R

P

S

P

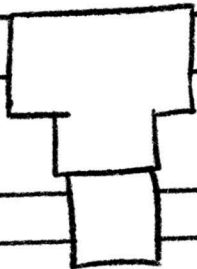
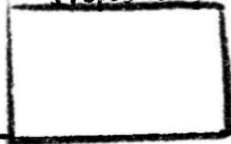
I



C-ring (ATPase)

3

Preparation



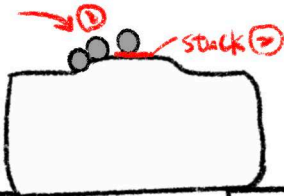
R

P

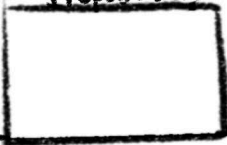
S

P

I



Preparation



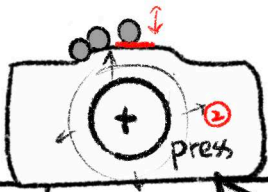
R

P

S

P

I



Preparation

Explore how
protein go
the
through system.

1

R

P

S

P

I

X

Preparation

ATPase

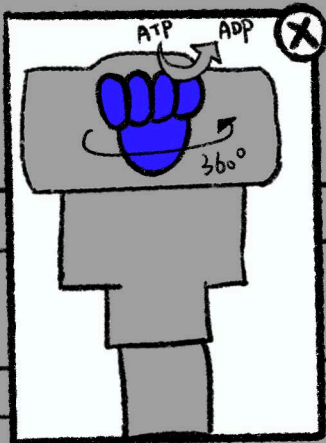
R

P

S

P

I



Preparation

ATPase

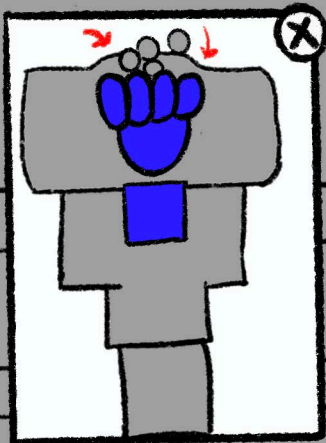
R

P

S

P

I



X

Preparation



Substrate load



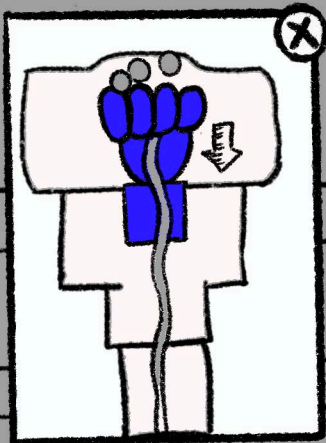
R

P

S

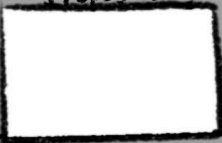
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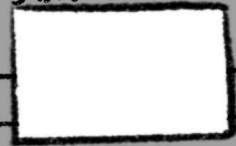


X

Preparation



Substrate unfold



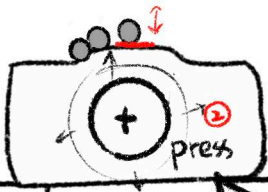
R

P

S

P

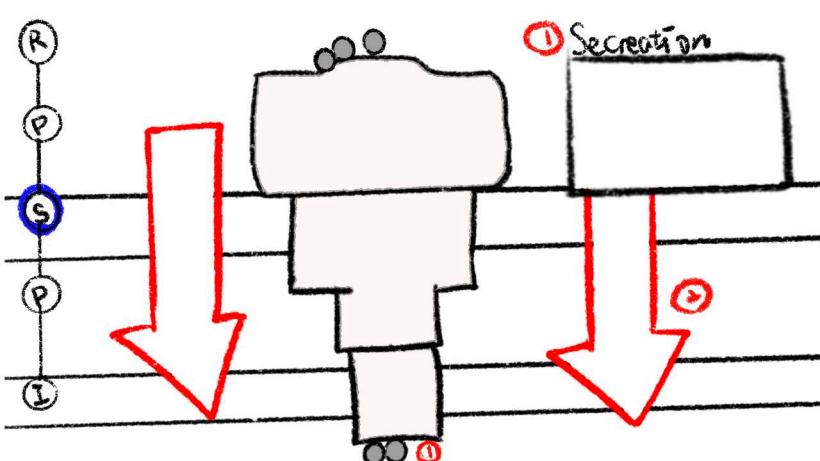
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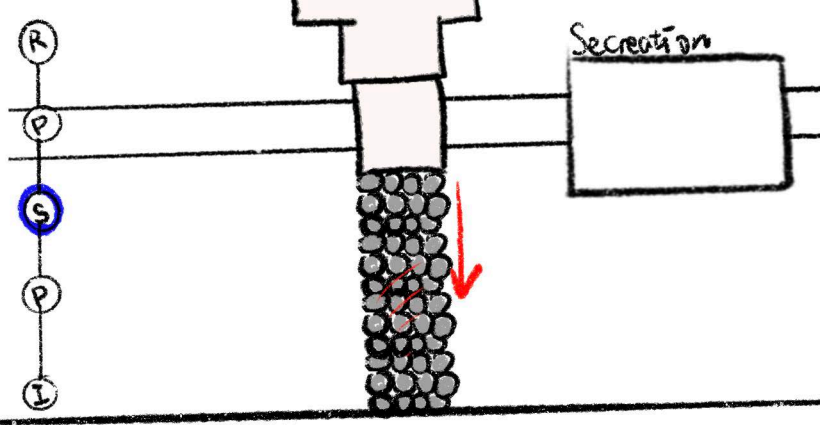


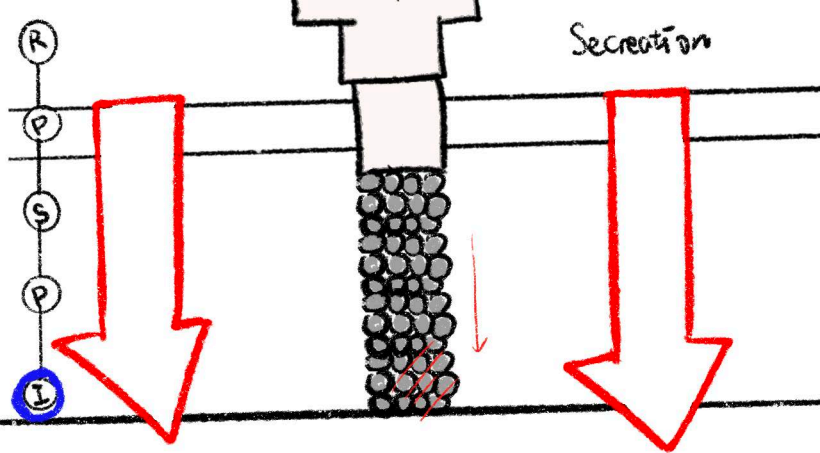
Preparation

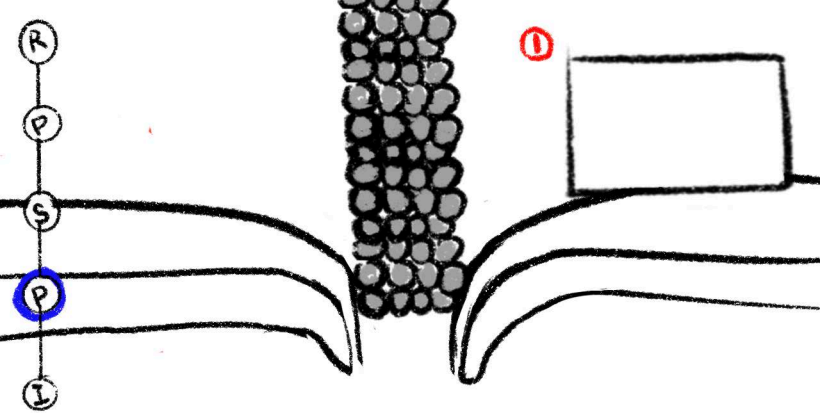
Explore how
protein go
the
through system.

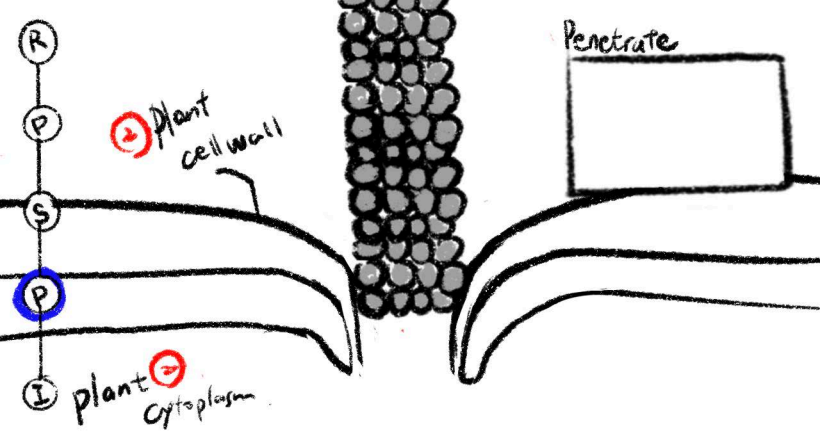
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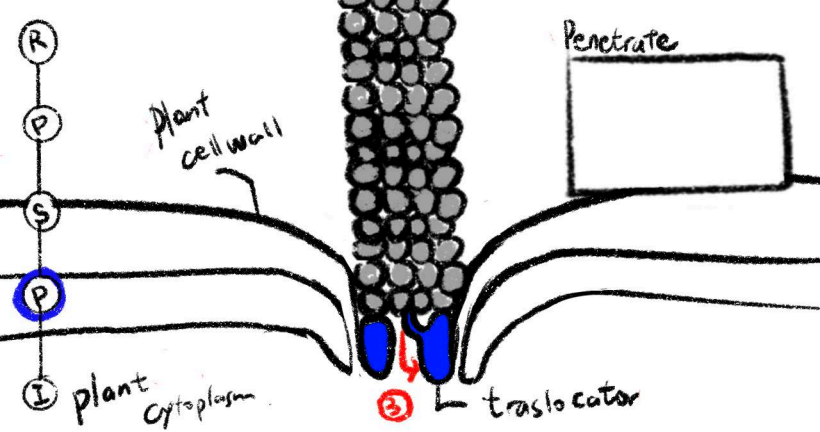


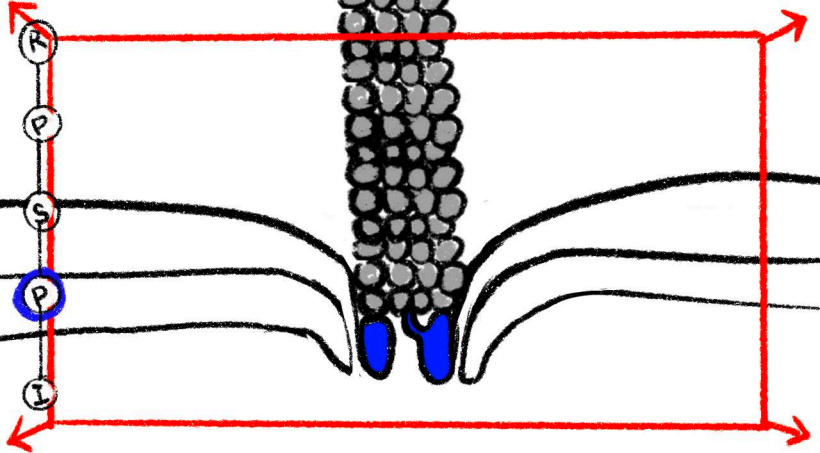












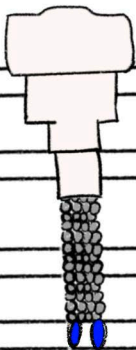
R

P

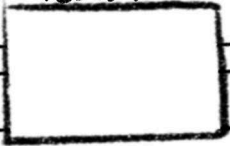
S

P

I



① Infection



(R)

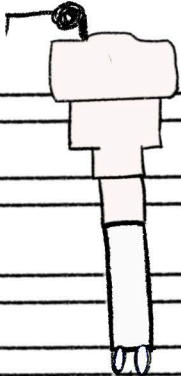
(P)

(S)

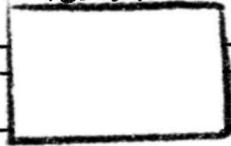
(P)

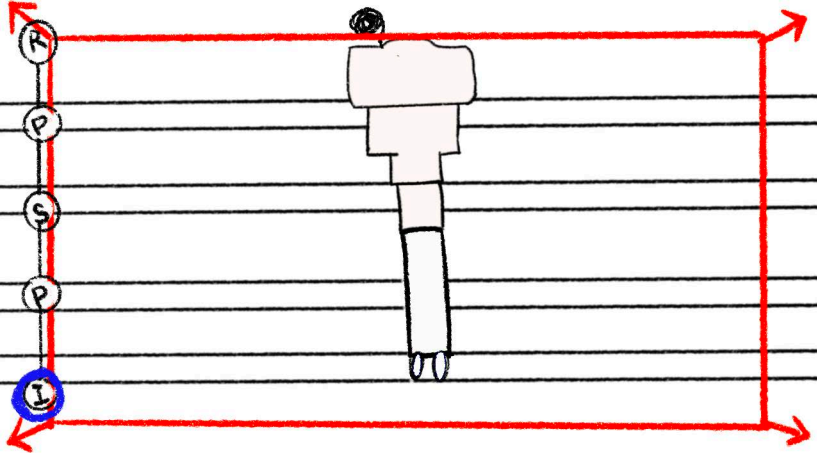
(I)

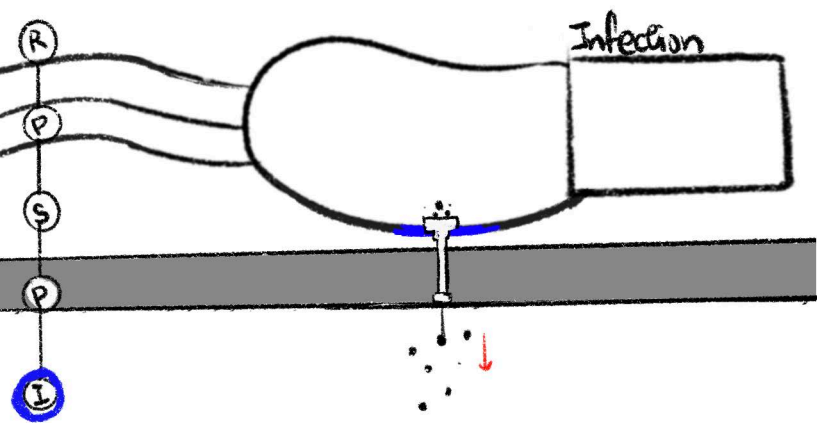
① Effector
(load)

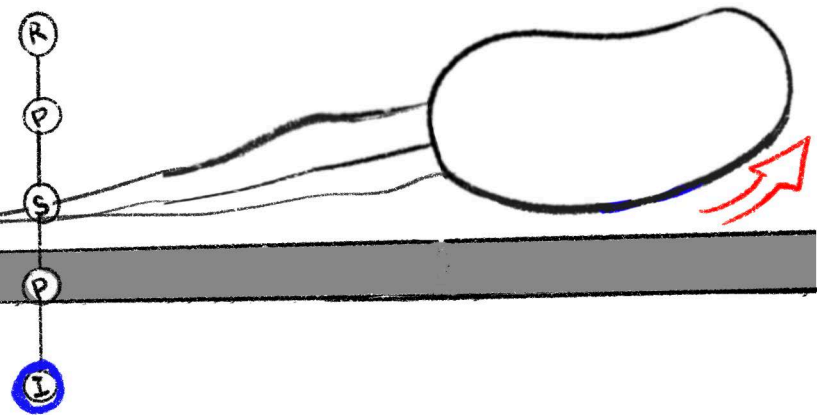


Infection









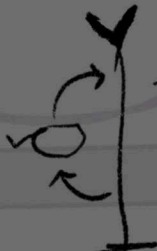
Future Interaction 3 Situation.



B kill P



B be kill by P



B and P.