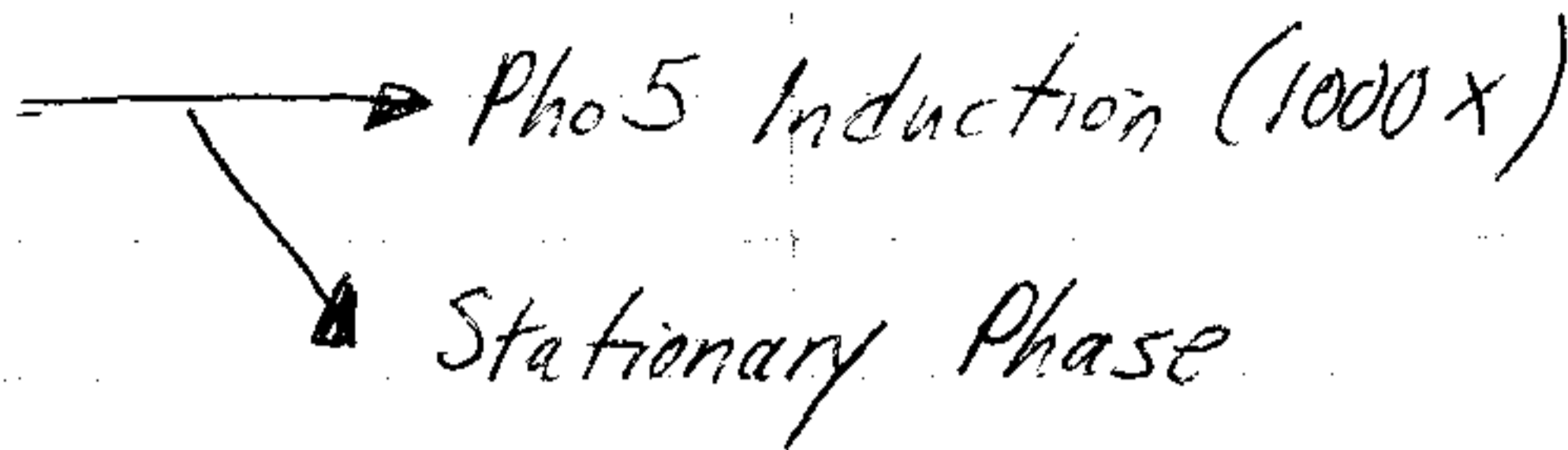


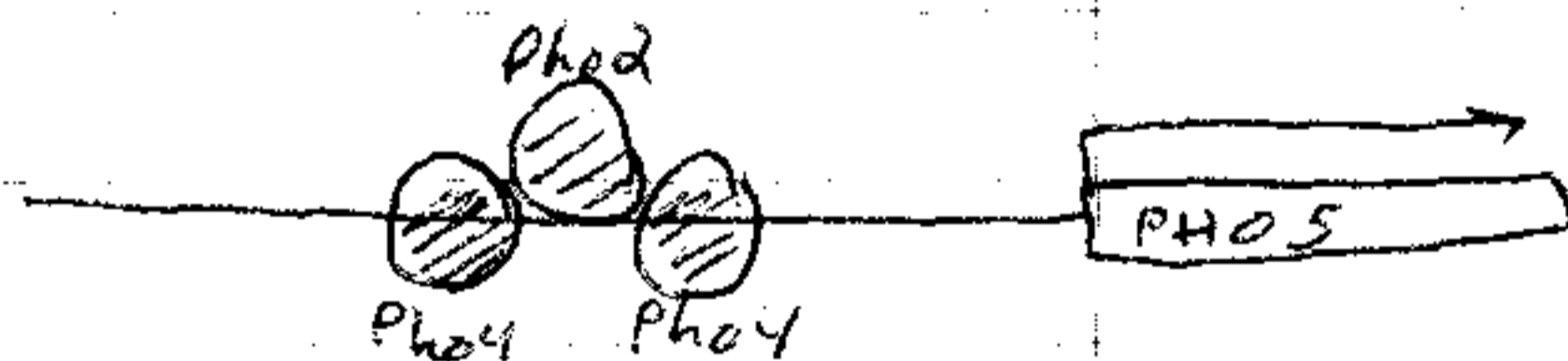
Erin O' Shea

Phosphate  
Starvation

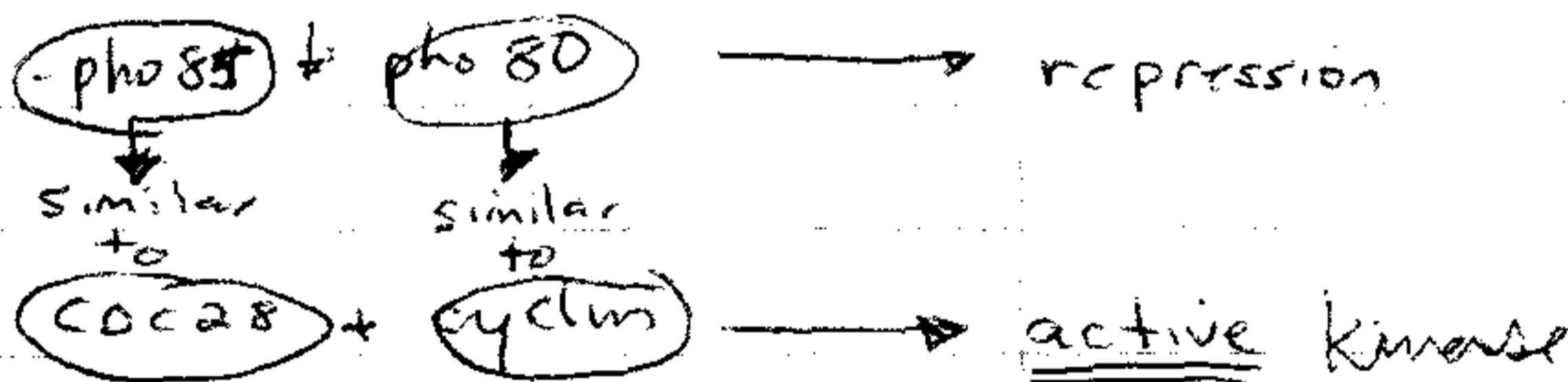


Pho5 = secreted acid phosphatase  
= associated with cell wall  
= normally repressed unless low  $(PO_4)$  extracellular

Activation



Repression



Does pho80 function like cyclin?

- ① pho85 immunoprecipitates w/ pho85
- ② pho80 - pho85 complex can phosphorylate pho4
- ③ pho4 is phosphorylated in vivo