

Jean Strassman - Social Amoebas

I'll try to keep it interesting -

I'm a bit afraid to say the names of
the publications I read

How to get good ideas

- Eureka
- steal it

The major transition in evolution
= conflict has to be resolved for formerly
independent organisms to evolve as a unit

Daveller - two types of transitions
fraternal
egalitarian

Clear view is not so clear -
What is an individual?

Why Dictyostelium?

(showed cover of selfish gene) w/ Dicty like picture

Amoebozoa - really cool place to be
on the tree of life

Some basic ?

(A) Why group?

- rise up
- larger groups make larger steps that
move further
- seed new places
- make better spores

(B) What is the cost of grouping?
- depends on relative fitness

Dictyostelium races

mutation accumulation