



Networks?

The cell is not regular

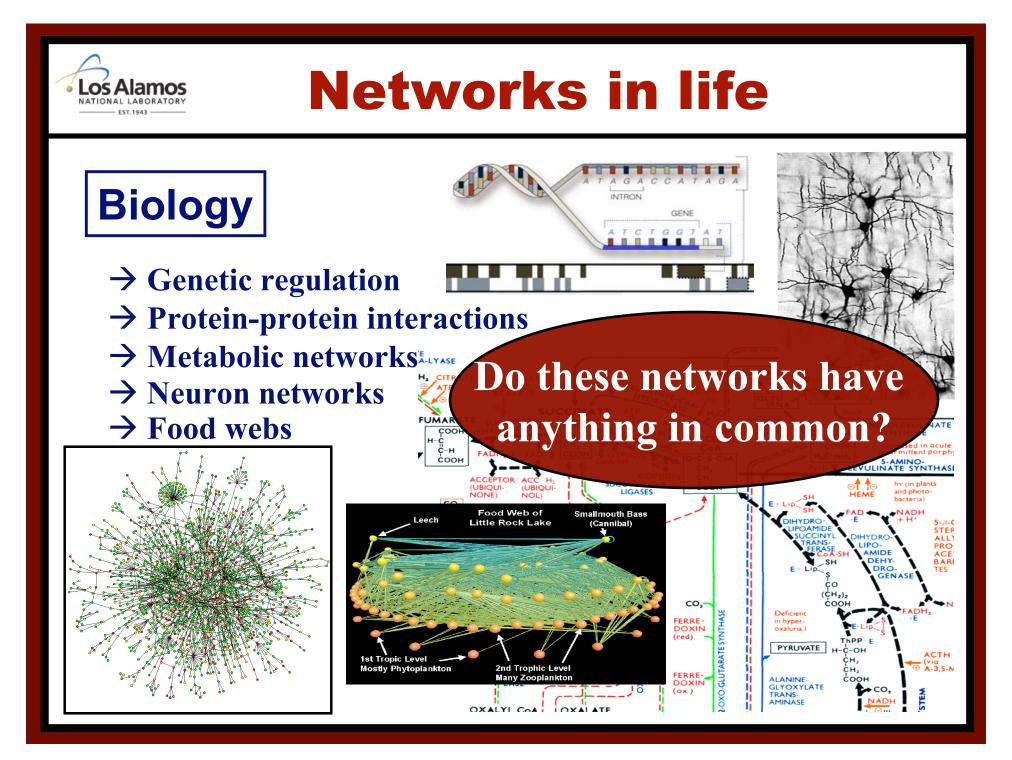
- → Many different components
 → A variety of interactions
 > Not a lattice!
- \rightarrow Not a lattice!

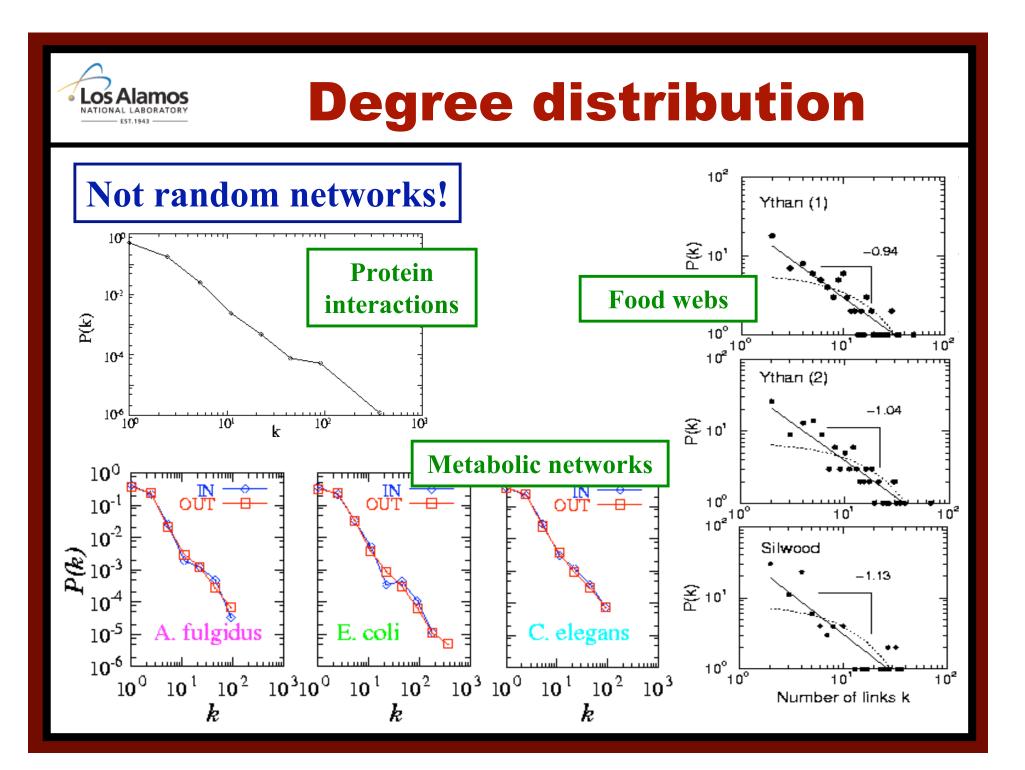
Systems Biology

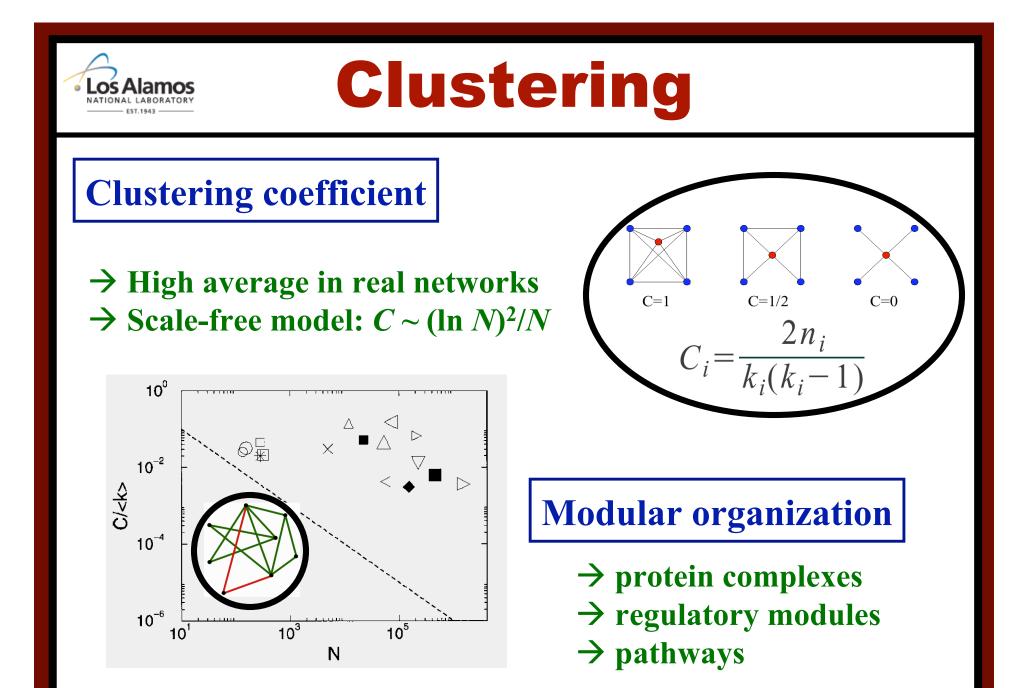
network!

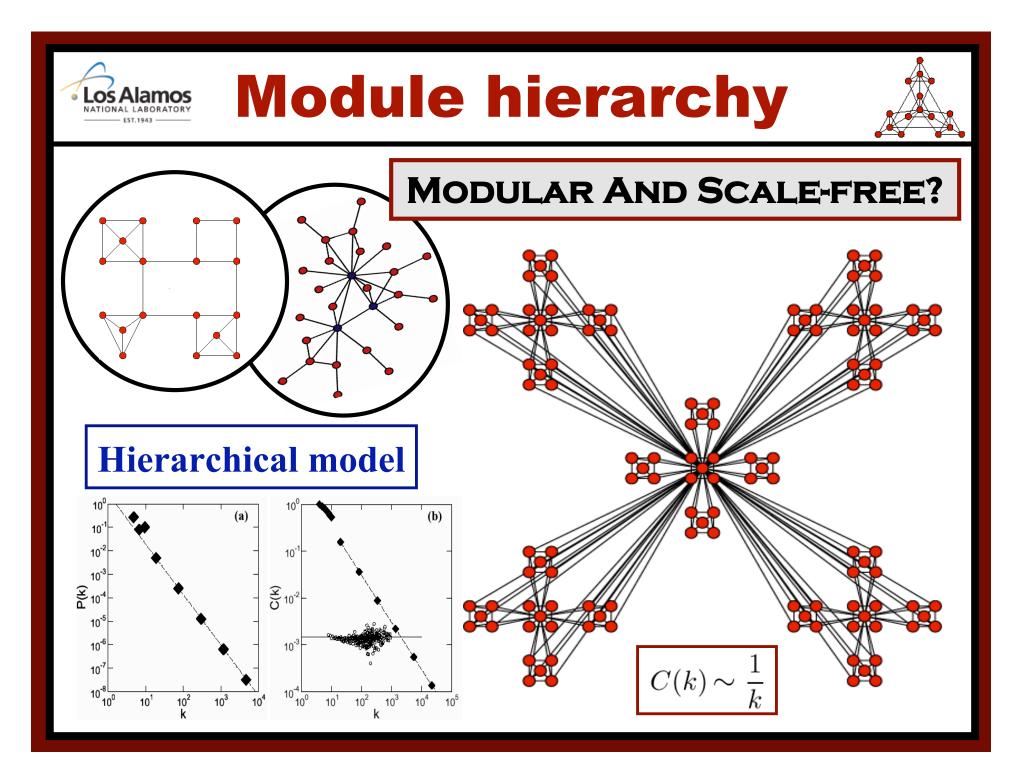
System as a whole:

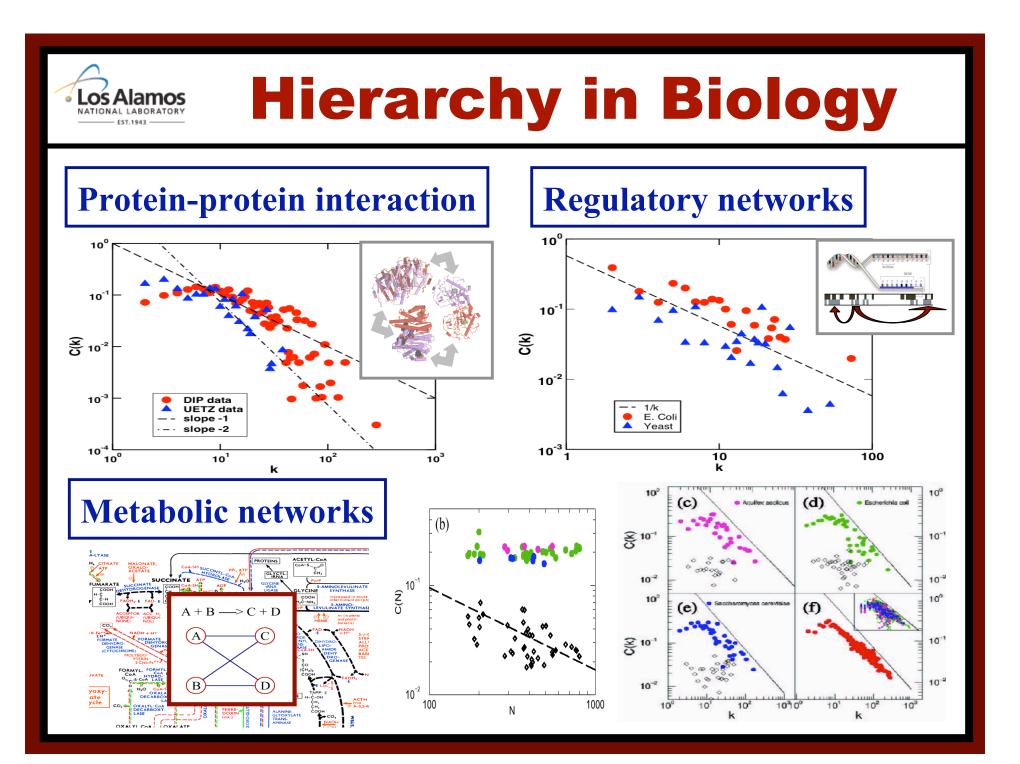
- \rightarrow Data on system level
- \rightarrow Methods and focus shift
- \rightarrow Asking for statistical physics

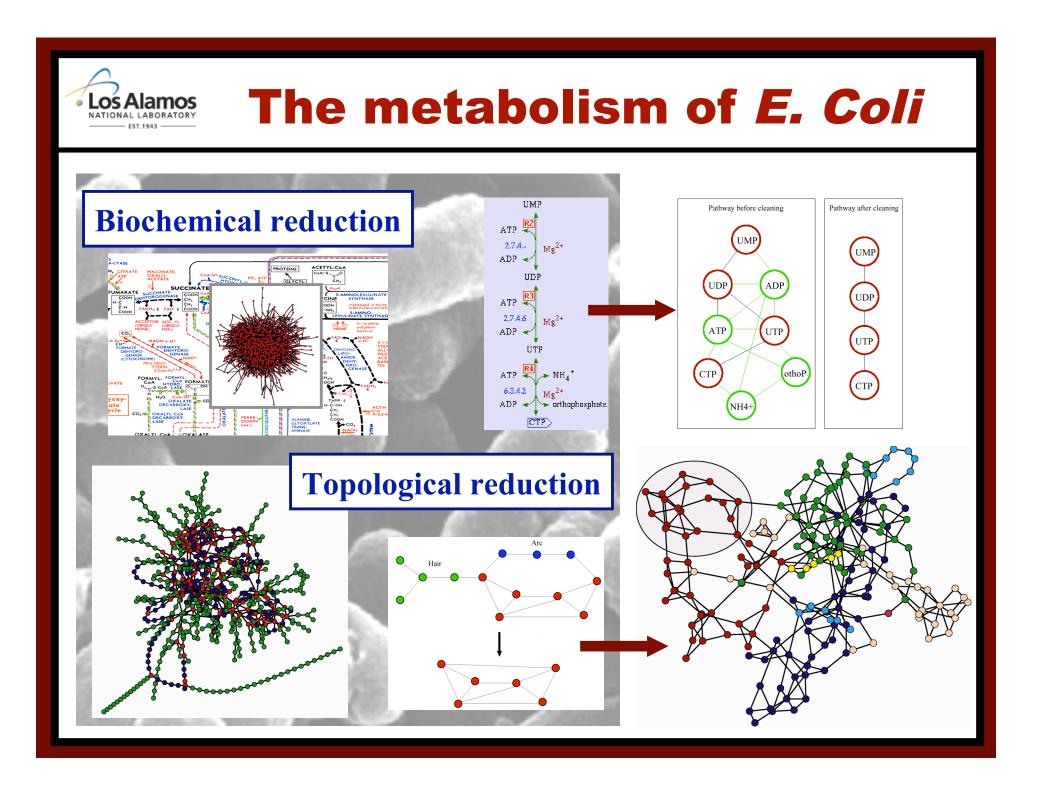


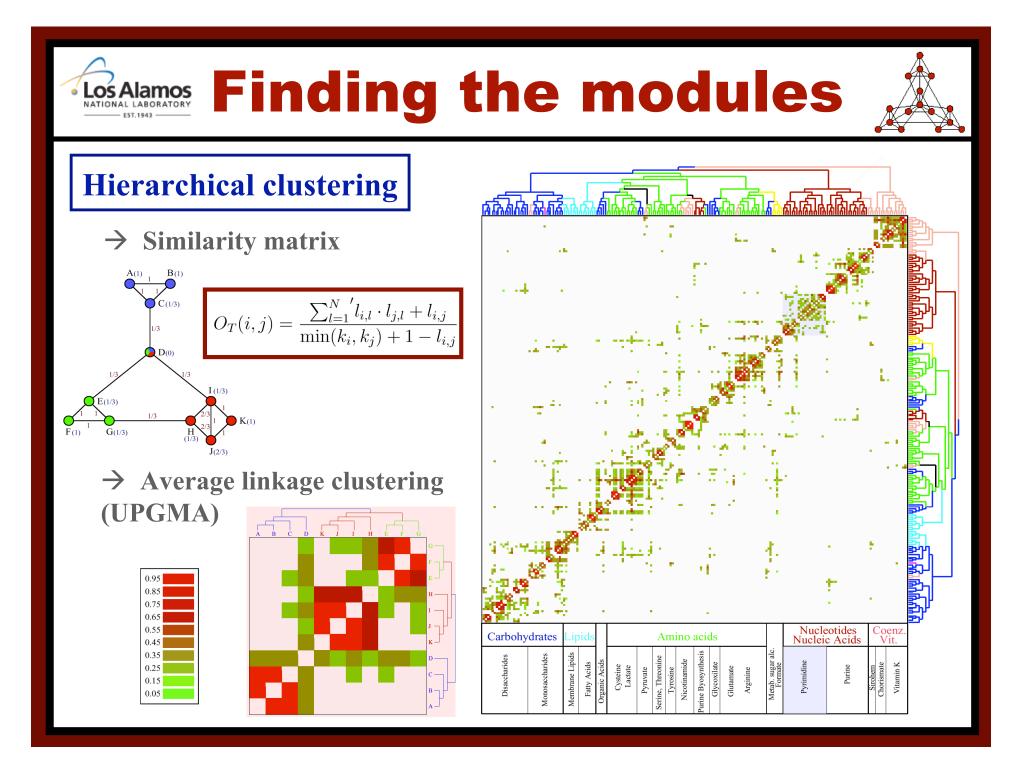


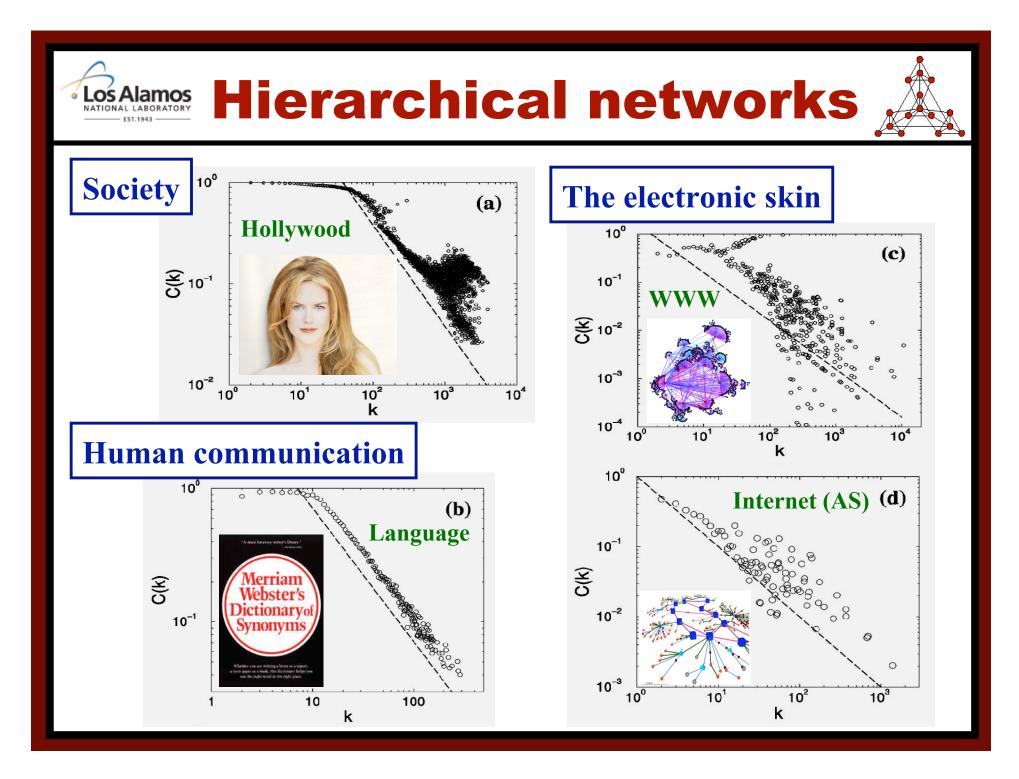


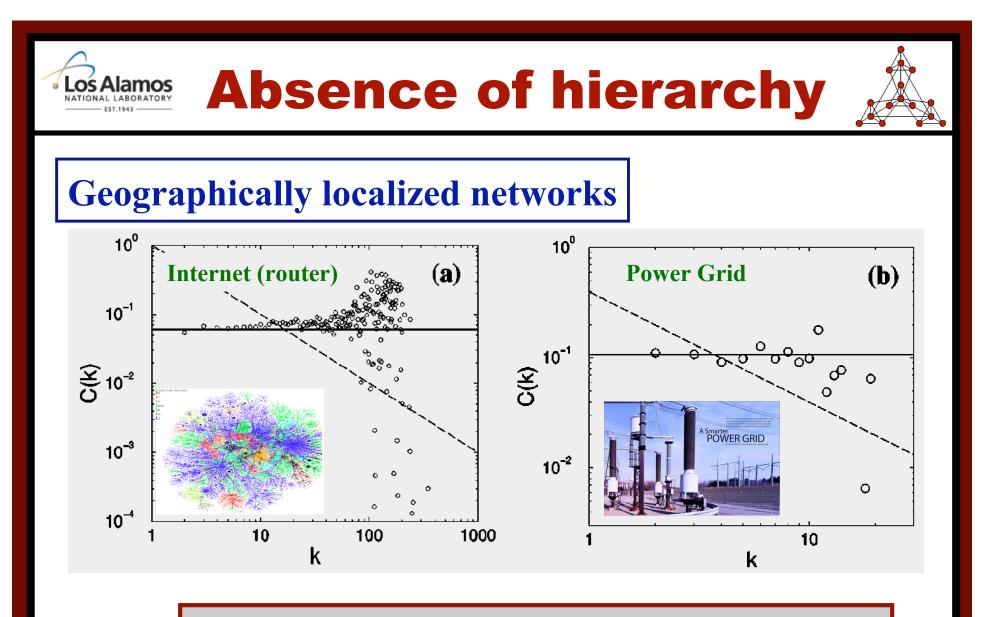












Economic pressure to minimize link lengths

