DO NOT USE PENCIL ****** DO NOT STAPLE

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Course 565/665 Lecturer Silvia Cavagnero

Day 1.20.04 Date 9:55 am – 10:45

Notes Taken By Jiang Hong Total Number of Pages 6

Probability theory (ch. 1)

Go beyond measurement ...

Why are "things" happening in biology ?

What are the driving forces for biological transformations ?

→ G ≡ Gibbs free energy,

H ≡ enthalpy. S ≡ entropy.

will see connection Probability theory ⟷ S.

Given an event: tossing a coin

Rolling a "die"

ligand binding to receptor

enzyme release substrate

A. B. C ≡ categories defining possible outcomes.