



Webpage: <https://statbio.net/>

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Axis 1: Controlling and **programming biological living matter**.

Axis 2: **Emergence of spatial and temporal organization** in living matter.

Axis 3: **Information processing** and dynamics of biological active matter.

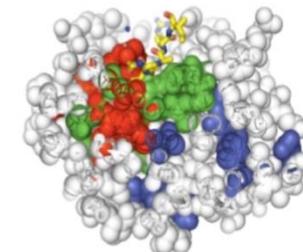
Axis 4: **Driving evolution** within living systems.

Expertise and questions of interest:

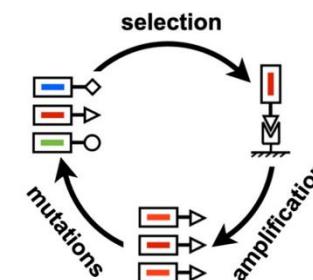
- Protein evolution and design
- Physics of catalysis and allostery
- Role of genetic context in gene transcription
- Information processing & adaptation in evolution
- Models for the origin of life

See <https://statbio.net/>

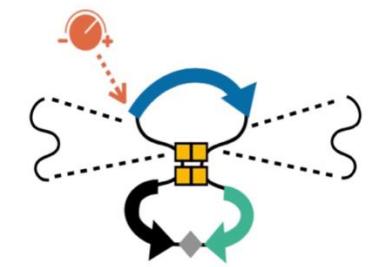
Coevolution in proteins



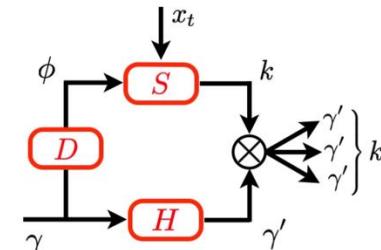
Directed evolution



Gene regulation



Information processing



Models for the origin of life

