RNA-mediated gene regulation

Qr code

Description automatically generated

Ribonucleic acid (RNA) plays an important role in gene regulation. This course will explore recent primary literature studying the biochemistry of these processes.

TOPICS

1. RNA interference in plants and animals
2. CRISPR bacterial antiviral defense
3. Transcriptional and translational regulation - riboswitches, tmRNA, IRES elements, 6S RNA, etc.
4. Post-transcriptional processing - editing, capping, and splicing. Naturally occurring ribozymes.

INSTRUCTOR

Peter Unrau

A person wearing glasses

Description automatically generated with medium confidence

*That guy*

Diagram

Description automatically generated

Chart, box and whisker chart

Description automatically generatedA picture containing text, map

Description automatically generated

A picture containing table

Description automatically generated

Diagram, schematic

Description automatically generated