

*Proteins, don't
based on shape to proteins Branch?
No it's linear

Quiz Next Tuesday
Short answer + multiple choice

Proteins =
Primary Structure = sequence of amino acids

Secondary Structure: ~~primary~~ α -helix
Shapes within protein ~~shape~~ β -sheet

Tertiary = overall structure

Quaternary = arrangement of more than 1 protein together

Quaternary Structure examples -

• Collagen 3-subunit ~~trimer~~ so a tripeptide

↓
Most abundant protein in humans; outside cells;
critical in connective tissue + tendons

• Hemoglobin

Denaturing proteins: increased temp. or salt concentration
Renaturation occurs spontaneously
Renaturation can occur by enzymes but does not happen very often

• Nucleic Acids: monomers of nucleic acids = nucleotides

	DNA	V.	RNA
(sugar)	Deoxyribose		Ribose (sugar)
	Storage of info.		enzyme (sometimes)
	2 strands		Single Strand
	C, T, A, G		C, U, A, G

~~All nucleotides~~ included

A always binds to T (U)

G ... C