



Helpful Images

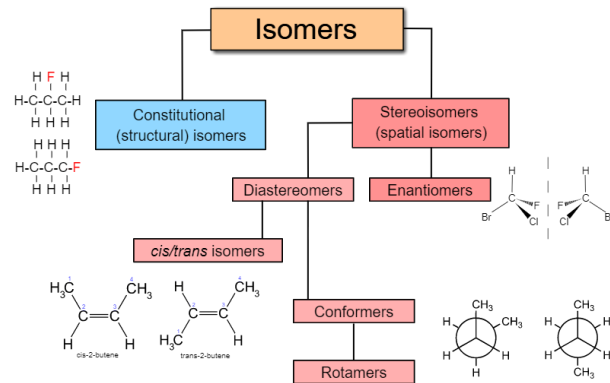
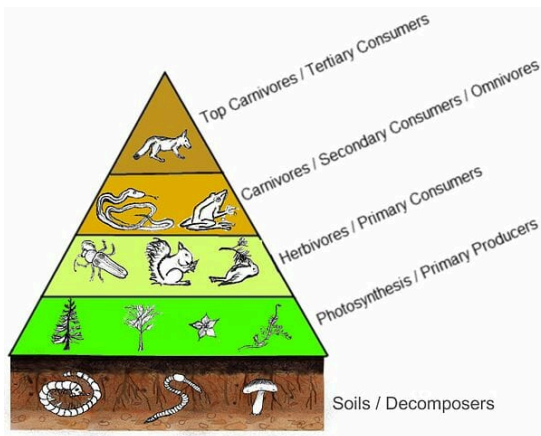
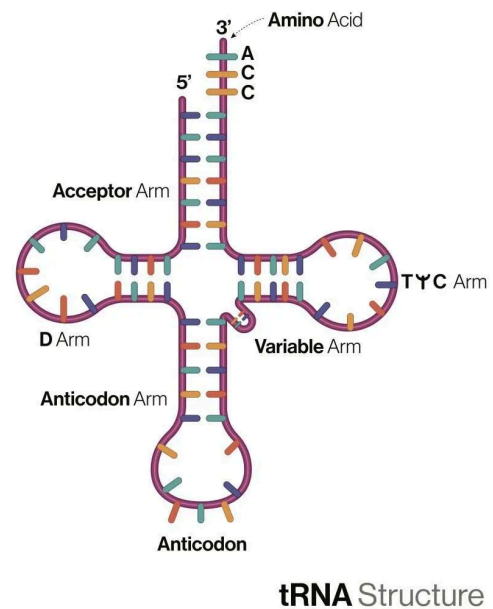
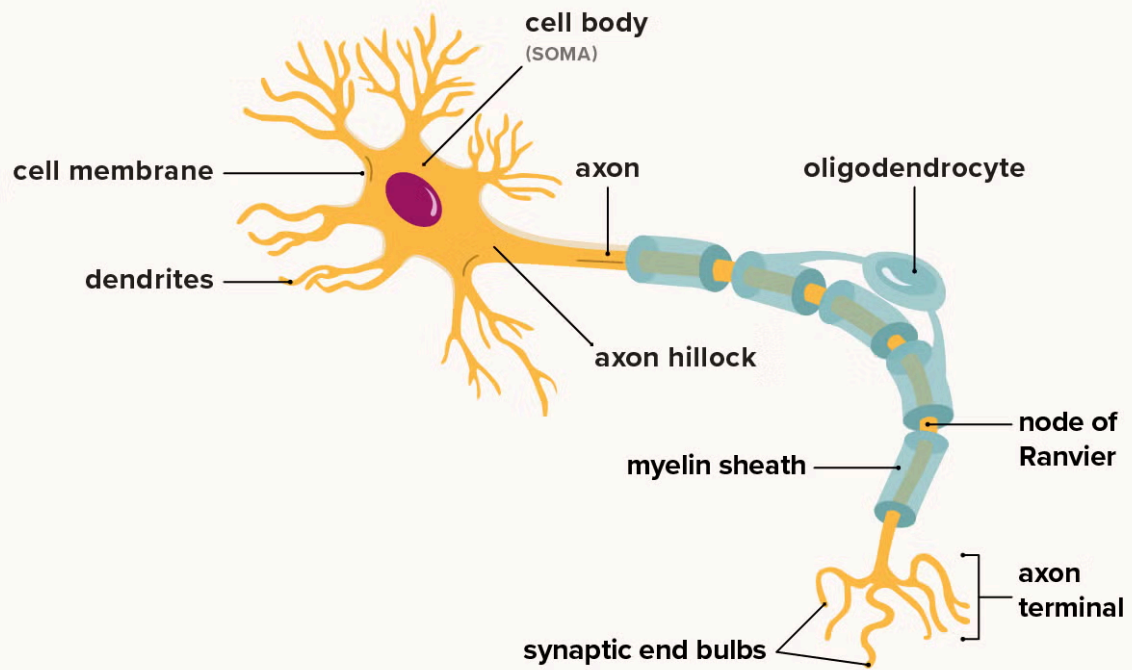


Table 1 Functional Groups in Biomolecules

Group	Chemical formula	Structural formula	Ball-and-stick model	Found in
hydroxyl	—OH	—OH		alcohols (e.g., ethanol)
carboxyl	—COOH			acids (e.g., vinegar)
amino	—NH ₂			bases (e.g., ammonia)
sulfhydryl	—SH	—S—H		rubber
phosphate	—PO ₄			ATP
carbonyl	—COH			aldehydes (e.g., formaldehyde)
	—CO—			ketones (e.g., acetone)



Structure of a neuron



healthline