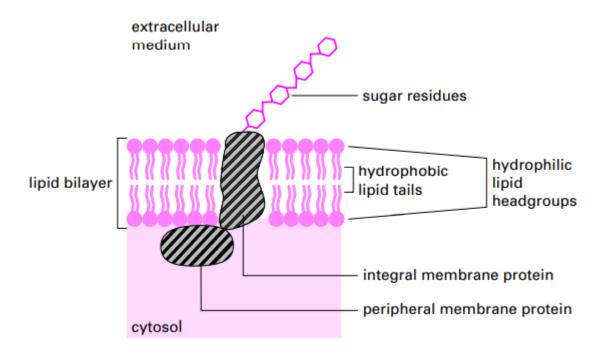


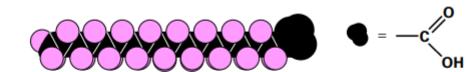
(a) adenosine, a nucleoside

purines

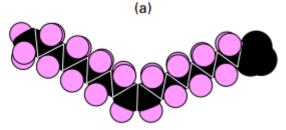
H—N denine (A) H—N C—N H—N Guanine (G)

pyrimidines

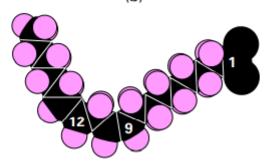




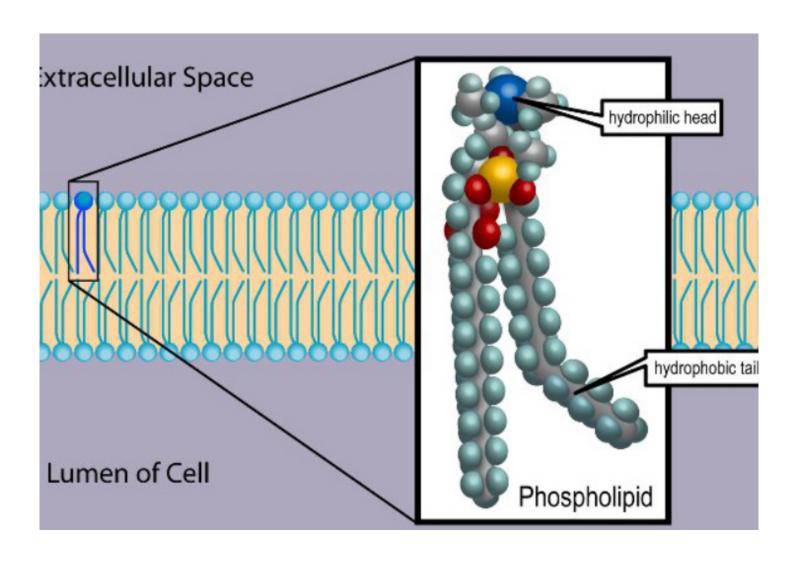
Stearic acid, C18 no double bonds, melts at 69.6°

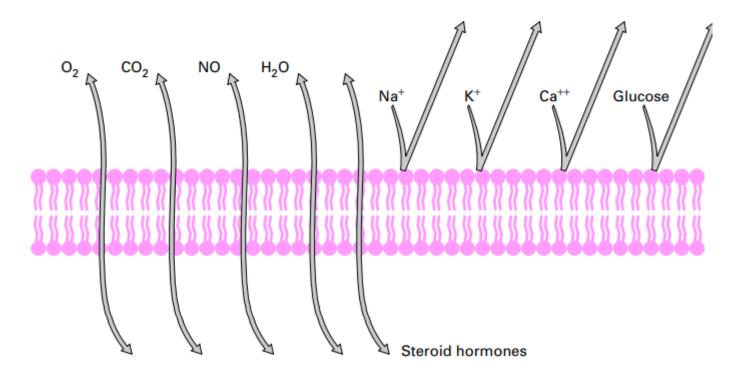


Oleic acid, C18 one double bond, melts at 13.4° (b)

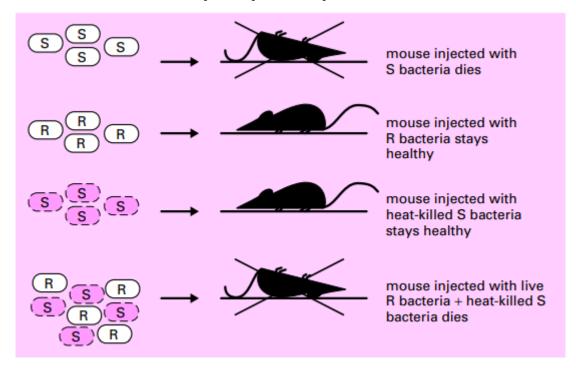


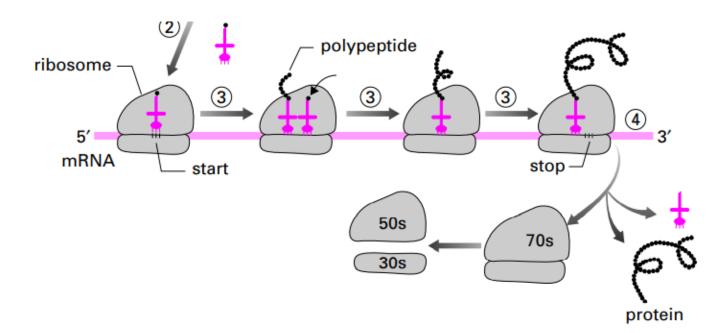
Linoleic acid, C18 two double bonds, melts at -9°



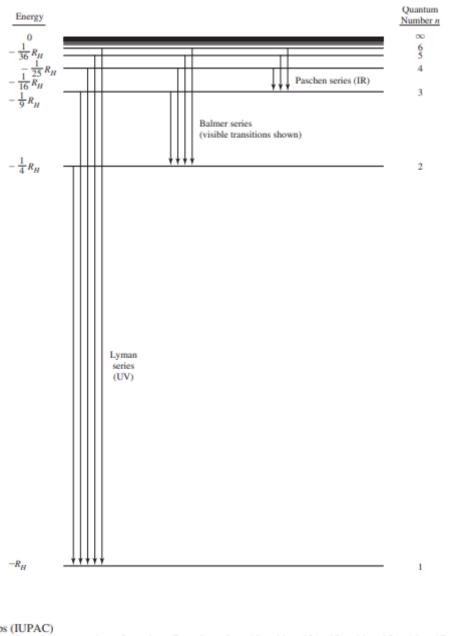


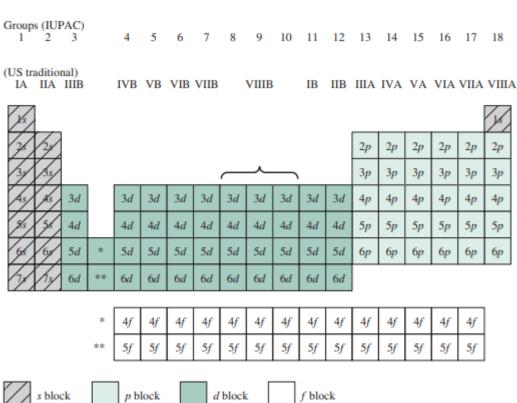
Oswald Avery, Maclyn McCarty, and Colin MacLeod





			Second	d Letter			
Т		Т	С	А	G		
First Lotter	Т	TTT TTC Phe TTA Leu	TCT TCC TCA TCG	TAT TAC Stop	TGT Cys TGC Stop TGG Trp	T C A G	Third
	С	CTT CTC CTA CTG	CCT CCC CCA CCG	CAT His CAC GIA GIA	CGT CGC CGA CGG		
	A	ATT ATC ATA ATA Met	ACT ACC ACA ACG	AAT Asn AAA Lys AAG	AGT Ser AGC Ser AGA Arg	T C A G	Letter
	G	GTT GTC GTA GTG	GCT GCC GCA GCG	GAT Asp GAC Asp GAA Glu	GGT GGC GGA GGG	T C A G	





f block

$$\dot{\circ}$$
=C= $\dot{\circ}$: $\dot{\circ}$ -C=N: $\dot{\circ}$ -C= $\dot{\circ}$: $\dot{\circ}$ -C=N: $\dot{\circ}$ -C= $\dot{\circ}$:

Steric Number	Geometry	Examples	Calculated Bond Angles	
2	Linear	CO_2	180°	0 = C = 0
3	Trigonal (triangular)	SO ₃	120°	O S O
4	Tetrahedral	CH_4	109.5°	H H
5	Trigonal bipyramidal	PCl ₅	120°, 90°	Cl Cl. P—Cl Cl

