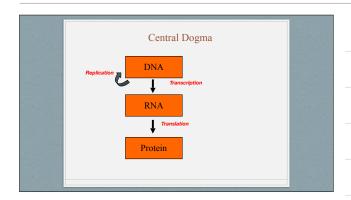
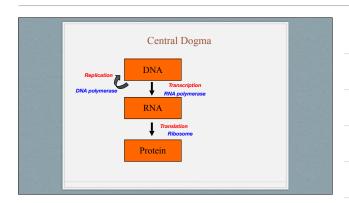
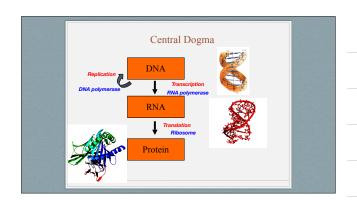
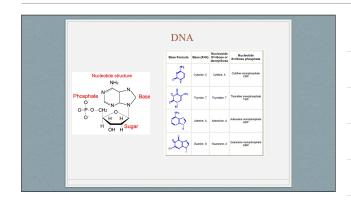
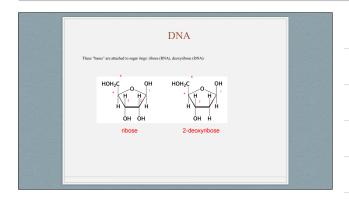
BIOMOLECULES ECS129 Instructor: Patrice Koehl

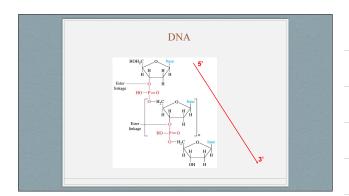


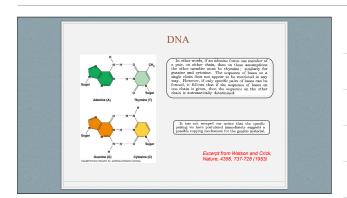


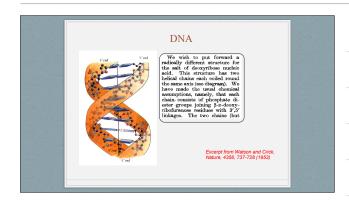


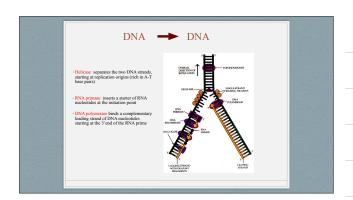


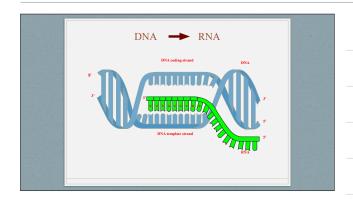


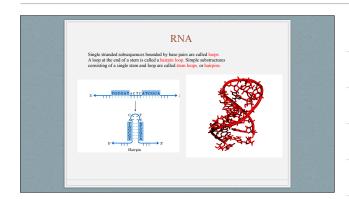


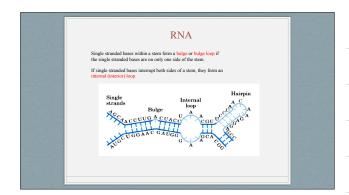


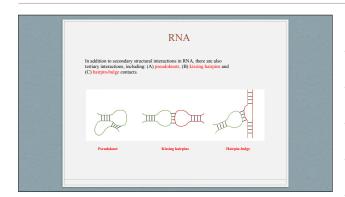


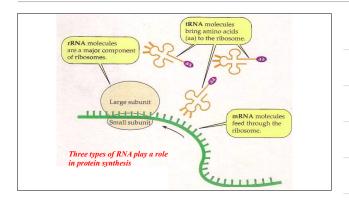


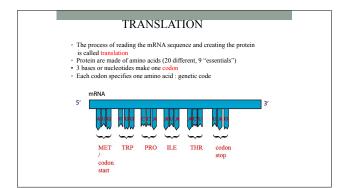


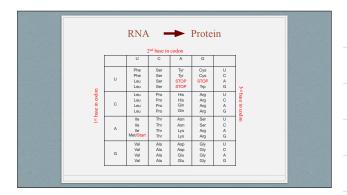


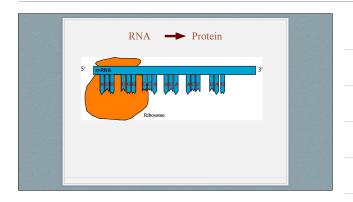


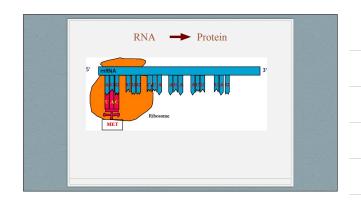


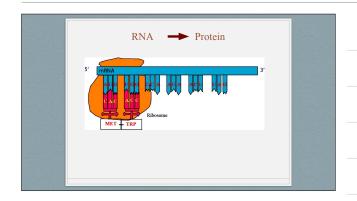


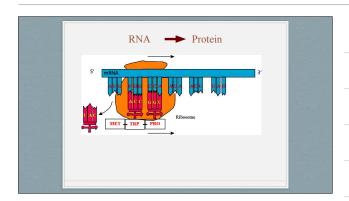


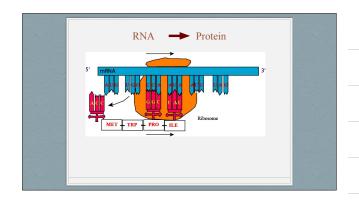


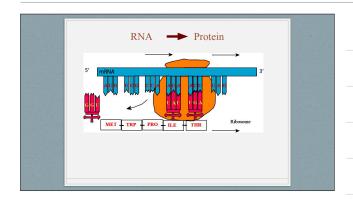


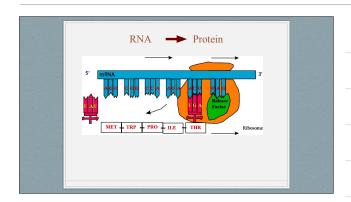


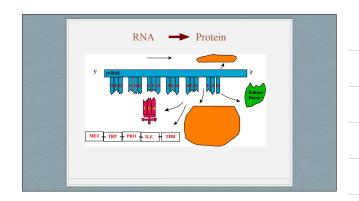


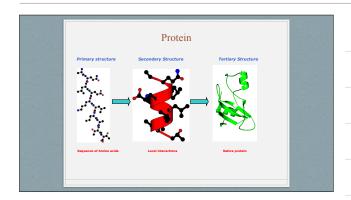


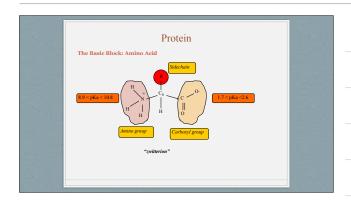












D Asp Aspartic Acid E Glu Glutamir Acid F Phe Phenylalanine G Gly Glycne H His Histatine I lle Isoleucine L Lys Lysine L Leucine M Met Methionine N Ask Asparagine P Pro Proline Q Gln Glutamine R Arg Arginine S Ser Serine T The Threconine	Protein	1-letter	3-letter	Amino acid
D Asp Aspartic Acid E Glh Glutamin- Acid F Phe Gly Glyce G Gly Glyce H His Histdine K Lys Lysine L Leucine M Met Methionine N Ask Asparagine P Pro Proine Q Gln Glutamine R Arg Argine S Ser Serine T The Threonine		A	Ala	Alanine
E Glu Glutamic Acid F Pher Phenylalanine G Gly Glycine H His Histdine I lle Isolecuine K Lys Lysine L Leu Leucine M Met Methionine N Ask Asparagine P Pro Proline Q Gln Glutamine R Arg Arginine S Ser Serine T The Threonine T The Threonine T The Glycine T The Glycine T The Threonine T Threonine	The 20 amino acids	C	Cys	Cysteine
Phe Phenylalanine G Gly Glycine		D	Asp	Aspartic Acid
G Gly Glycine		E	Glu	Glutamic Acid
H His Histidine		F	Phe	Phenylalanine
I Ile Isoleucine K Lys Lysine L Leu Leucine M Met Methionine N Ask Asparagine P Pro Proline Q Glin Glutamine R Arg Arginine S Ser Serine T The Threonine		G	Gly	Glycine
Lys Lysine Leu Leucine M Met Methionine N Ask Asparagine P Pro Proline Q Glin Glutamine R Arg Arginne S Ser Serine T The Threonine		H	His	Histidine
L Leu Leucine M Mett Methionine N Ask Aspuragine P Pro Proline Q Gln Glutamine R Arg Arginine S Ser Serine T The Threonine		I	Ile	Isoleucine
M Met Methionine N Ask Asparagine P Pro Proline Q Clin Glutamine R Arg Arginne S Ser Serine T The Threonine		K	Lys	Lysine
N Ask Asparagine P Pro Proline Q Gln Glutamine R Arg Arginie S Ser Serine T The Threcomic		L	Leu	Leucine
P Pro Proline Q Gln Glutamine R Arg Arginine S Ser Serine T The Threonine		M	Met	Methionine
Q Gln Glutamine R Arg Arginine S Ser Serine T The Threonine		N	Ask	Asparagine
R Arg Arginine S Ser Serine T The Threonine		P	Pro	Proline
S Ser Serine T The Threonine		Q	Gln	Glutamine
T The Threonine		R	Arg	Arginine
		S	Ser	Serine
		T	The	Threonine
V Val Valine		V	Val	Valine
W Trp Tryptophane		W	Trp	Tryptophane
Y Tyr Tyrosine		Y		

