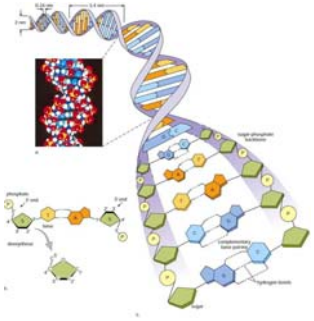
Acidi nucleici

PONTI DI IDROGENO FRA NUCLEOTIDI

Struttura del DNA

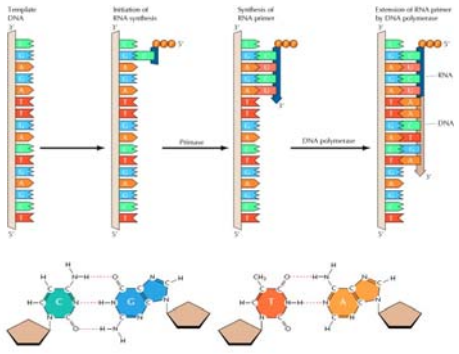
Appaiamenti canonici: A<>T; G<>C



http://www.pc.maricopa.edu/Biology/rcotter/BIO%20205/LessonBuilders/Chapter%209%20LB/detailedDNAstrux.jpg

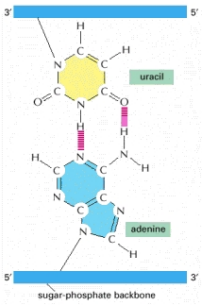
Replicazione DNA

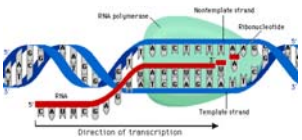
Appaiamenti canonici: A<>T; G<>C



Trascrizione del DNA in RNA

Appaiamenti canonici: A<>U; G<>C

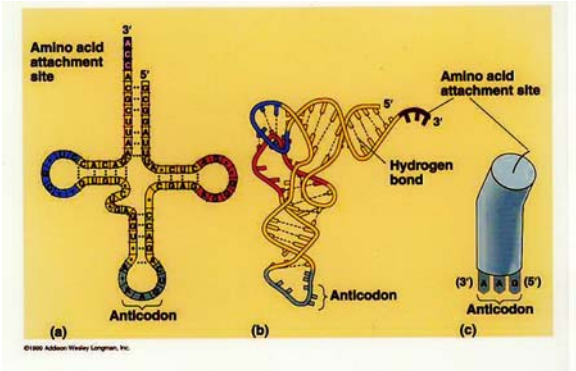




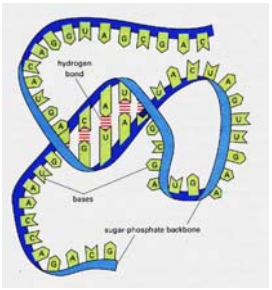
http://www.phschool.com/science/biology_place/biocoach/transcription/tcproc.html

http://www.ncbi.nlm.nih.gov/books/NBK26887/figure/A979/

Legami di idrogeno nel tRNA

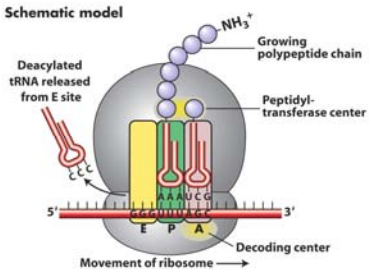


RNA



http://www.uic.edu/classes/phys/phys461/phys450/ANJUM04/

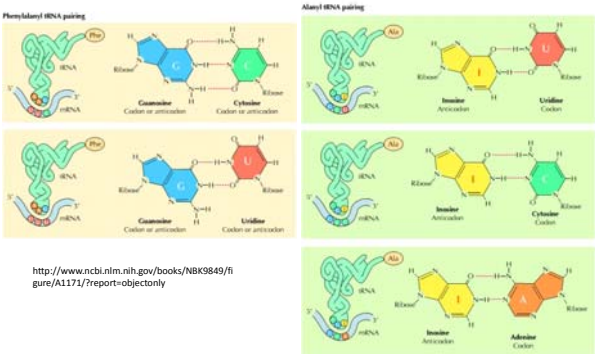
Traduzione del mRNA in proteine



http://guardianlv.com/wp-content/uploads/2013/10/Diagram-showing-protein-translation-in-cell.jpg

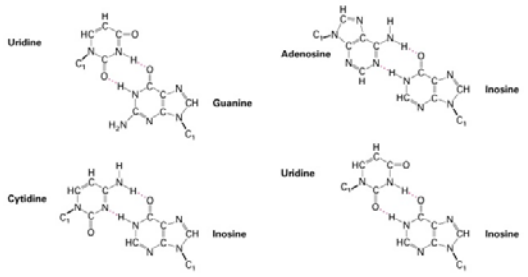
Struttura del RNA

Appaiamenti non canonici



http://www.ncbi.nlm.nih.gov/books/NBK9849/figure/A1171/?report=objectonly

«Wobble base pairs»
(appaiamento tentenante di basi)



http://www.atdbio.com/img/articles/RNA-wobble-base-pairs-large.png