FROM DNA TO PROTEIN

From DNA to Protein

The Transfer of Genetic Information

Maria Szekely

*Department of Biochemistry,
Imperial College, London, UK*

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Abbreviations used throughout the text

MW, molecular weight

ss and ds (in relation to DNA or RNA), single stranded and double stranded, respectively.

A, C, G, T and U stand for nucleotides in RNA or DNA, N for an unspecified nucleotide. Only where the text leaves ambiguities in this respect are d and r used to distinguish between deoxyribonucleotides and ribonucleotides.

Similarly, the position of the phosphate group (pN for 5' phosphorylated nucleotides and Np for 3' phosphorylated nucleotides) is indicated only if there is special emphasis on this structure or if the text would otherwise allow ambiguous interpretation.

bp, base pairs

kb, kilobases

cDNA, complementary DNA

r-protein, ribosomal protein

rRNA; ribosomal RNA

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