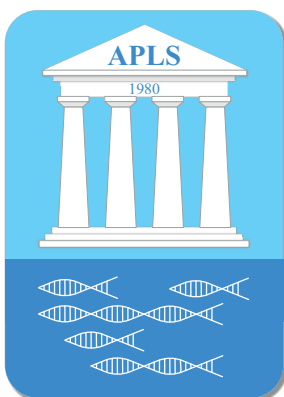


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On the cover

Photograph of the double-stranded Helix DNA model that sits on a pedestal in the rotunda of building 38, constructed especially for the National Library of Medicine by Mr. A. A. Barker of Cambridge, England. The DNA model was originally placed in the Library as part of "The genetic code...and how it works," (1969), an exhibit which centered on the work of Nobel Laureate, Dr. Marshall W. Nirenberg of the National Institutes of Health, the first Federal scientist to be awarded a Nobel Prize. Constructed around a stainless steel tube, this model is an idealized piece of DNA which contains information that can be translated into directions for forming a messenger RNA (ribonucleic acid) and specific amino acid sequence in a protein. Plastic balls of different sizes represent hydrogen (white); oxygen (red); nitrogen (blue); carbon (black); and phosphorus (purple), the only atomic constituents of these enormous molecules. Source: National Library of Medicine
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