



Nancy Nossal, Ph.D.

The NIDDK Division of Intramural Research has established the NIDDK Nancy Nossal Fellowship Award for postdoctoral and clinical fellows. Additional information on the fellowship is available on the [NIDDK website](#).

During her 40-year career at the NIH, Dr. Nancy Goldman Nossal, chief of the Laboratory of Molecular and Cellular Biology (LMCB), became an internationally recognized scientist and leader in the study of DNA replication. Dr. Nossal's work focused on DNA replication using the simple T4 bacteriophage system in *E. coli*. By using this simple phage model, Dr. Nossal elucidated biochemical and molecular mechanisms universally required for DNA synthesis.

Dr. Nossal joined the NIH in 1964 as a postdoctoral fellow in NIDDK's Laboratory of Biochemistry and Metabolism (LBM), working with Dr. Leon Heppel and Dr. Maxine F. Singer. Dr. Nossal then joined NIDDK's Laboratory of Biochemical Pharmacology (LBP) then under the direction of Dr. Herb Tabor. She remained in LBP until she was appointed chief of LMCB in 1992. Dr. Nossal was elected to the American Academy of Arts and Sciences in 2005.

Dr. Nossal was married to Dr. Ralph Nossal, a biophysicist in the National Institute of Child Health and Human Development (NICHD), and had three children: Susan, Steven, and Michael. Dr. Nossal enjoyed simple pleasures, such as walking outdoors along the C&O Canal and baking, but her passions were her work and family.