

Melvin L. DePamphilis)

Melvin L. DePamphilis, PhD, is currently a Senior Research Scientist at the National Institute of Child Health & Human Development, National Institutes of Health, in Bethesda, Maryland, USA.

Prior to that, he was a Professor in the Department of Biological Chemistry at Harvard Medical School in Boston, Massachusetts, and then a Lab Chief at the Roche institute of Molecular Biology in Nutley, New Jersey.

He has published extensively on DNA replication in animal viruses and mammalian cells (Home - DePamphilis Lab: Section on Eukaryotic DNA Replication - science@NICHD).

His current research focuses on how cells restrict genome duplication to once per cell division during mammalian development, how stem cells bypass this restriction to produce terminally differentiated, highly specialized, polyploid cells, and how inhibition of this restriction can kill cancer cells without harming normal cells.