

Stanford



I Lehman

William M. Hume Professor in the School of Medicine, Emeritus
Biochemistry

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Biochemistry

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

We study Herpes simplex virus type 1 as a model eukaryotic chromosome for the analysis of eukaryotic DNA replication and recombination.

Publications

PUBLICATIONS

- **The herpes simplex virus type 1 origin-binding protein carries out origin specific DNA unwinding and forms unwound stem-loop structures** *EMBO JOURNAL*
Makhov, A. M., Boehmer, P. E., Lehman, I. R., Griffith, J. D.
1996; 15 (7): 1742-1750
- **Rolling circle DNA replication by extracts of herpes simplex virus type 1-infected human cells** *JOURNAL OF VIROLOGY*
Skaliter, R., Makhov, A. M., Griffith, J. D., Lehman, I. R.
1996; 70 (2): 1132-1136
- **Interaction of herpes simplex virus 1 origin binding protein with DNA polymerase α .** *Proc. Natl. Acad. Sci. USA.*
Lehman, I.R., Lee SK, Dong Q, Wang TS-F
1995: 7882-7886
- **PHYSICAL INTERACTION BETWEEN THE HERPES-SIMPLEX VIRUS-1 ORIGIN-BINDING PROTEIN AND SINGLE-STRANDED DNA-BINDING PROTEIN ICP8** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Boehmer, P. E., Lehman, I. R.
1993; 90 (18): 8444-8448
- **THE HERPES-SIMPLEX VIRUS TYPE-1 ORIGIN BINDING-PROTEIN - DNA HELICASE ACTIVITY** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Boehmer, P. E., Dodson, M. S., Lehman, I. R.
1993; 268 (2): 1220-1225