

## Curriculum Vitae

David L. Spector

Senior Staff Investigator

12/06/52

City College of New York  
Herbert H. Lehman College, NY  
Rutgers University, NJ

B.S. 1973  
M.S. 1977  
Ph.D. 1980

Biology  
Biology  
Cell Biology

### RESEARCH AND/OR PROFESSIONAL EXPERIENCE:

1977-1980	Research Assistant, Rutgers University, New Brunswick, NJ
1980-1981	Adjunct Assistant Professor, Brooklyn College, Brooklyn, NY
1981-1985	Assistant Professor, Baylor College of Medicine, Houston, TX
1985-Present	Senior Staff Investigator, Cold Spring Harbor Laboratory, NY
1985-Present	Head, Electron Microscopy Laboratory, Cold Spring Harbor Laboratory, NY
1988-Present	Adjunct Assistant Professor, Program in Cellular and Developmental Biology, SUNY, Stony Brook, NY
1988-Present	Member, N.I.H. Special Study Section, Electron Microscopy
1990-Present	Fellow, Royal Microscopical Society

**PUBLICATIONS:** 25 out of a total of 38 publications.

- Reddy, R., Spector, D., Henning, D., Liu, M. and Busch, H. 1983. Isolation and partial characterization of dinoflagellate U1-U6 small nuclear RNAs homologous to rat U small nuclear RNAs. *J. Biol. Chem.* 258, 13965-13969.
- Spector, D.L., Schrier, W. and Busch, H. 1983. Immunoelectron microscopic localization of snRNPs. *Biol. of the Cell* 49(1), 1-10.
- Liu, M.-H., Reddy, R., Henning, D., Spector, D. and Busch, H. 1984. Primary and secondary structure of dinoflagellate U5 small nuclear RNA. *Nucl. Acids Res.* 12, 1529-1542.
- Spector, D.L., Ochs, R.L. and Busch, H. 1984. Silver staining, immunofluorescence, and immunoelectron microscopic sublocalization of nucleolar phosphoproteins B23 and C23. *Chromosoma* 90, 139-148.
- Spector, D.L. 1984. Colocalization of U1 and U2 small nuclear RNPs by immunocytochemistry. *Biol. Cell*, 51, 109-112.
- Busch, H., Ochs, R.L., Smith, H.C. and Spector, D.L. 1985. Nuclear antigenic structures. *Scand. J. Rheu., Suppl.* 56, 10-21.
- Smith, H.C., Spector, D.L., Woodcock, C.L.F., Ochs, R.L. and Bhorjee, J. 1985. Alterations in chromatin conformation are accompanied by reorganization of nonchromatin domains that contain U-snRNP protein p28 and nuclear protein p107. *J. Cell. Biol.* 101, 560-567.
- Spector, D.L. and Smith, H.C. 1986. Redistribution of U-snRNPs during mitosis. *Expt. Cell Res.* 163, 87-94.
- Bennett, C.F., Spector, D.L. and Yeoman, L.C. 1986. Nonhistone protein BA is a glutathione S-transferase localized to interchromatinic regions of the cell nucleus. *J. Cell Biol.* 102, 600-609.