



Paul Gottlieb

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Education

The City University of NY	Ph.D. Molecular Biology	1984
State University of New York at Stonybrook	B.Sc. Biology	1974

Professional Experience

Assistant Professor	CCNY, Depts of Biology and Biochemistry	1997 - Present
Patent Examiner	U.S. Patent and Trademark Office	1996 - 1997
Senior Research Scientist	National Institutes of Health	1995 - 1996
Director	Dept of Virus Inactivation, NY Blood Center/Melville Biologics Inc.	1993 - 1995
Research Associate	Public Health Research Institute of the NY	1984 - 1993
Adjunct Lecturer/ Graduate Fellow	Dept of Microbiology, Hunter College School of Nursing	1978 - 1984

Selected Publications

- *Crystallization and X-ray diffraction analysis of bacteriophage f12 packaging fidelity factor P7.* Kainov, D.E., Simonov, V., Bamford, D.H., Tuma, R., Gottlieb, P., Wei, H., Walsh, M., Belrhali, H., and Merkel, M.C., *Acta Crystallographica Section D* in press, 2004.
- *Virus particles monitored by fluorescence spectroscopy: a potential detection assay for macromolecular assembly.* Alimova, A., Katz, A., Podder, R., Minko, G., Wei, H., Alfano, R.R., and Gottlieb, P., *Photochem Photobiol* 80, 41-46, 2004.
- *Expression of the Epstein-Barr Virus Nuclear Antigen-1 (EBNA-1) in the mouse can elicit the production of anti-dsDNA and anti-Sm antibodies.* Sundar, K., Jacques, S., Gottlieb, P., Villars, R., Benito, M-E., Taylor, D.K., and Spatz, L.A., *J. Autoimmunity* 23, 127-140, 2004.
- *Production, crystallization, and preliminary X-ray crystallographic studies on the bacteriophage f12 packaging motor.* Mancini, E., Kainov, D.E., Wei, H., Gottlieb, P., Tuma, R., Bamford, D.H., Stuart, D.I., and Grimes, J.E., *Acta Crystallographica Section D, Biological Crystallography* 60 (Pt 3), 588-590, 2004.
- *Temperature requirements for the initiation of RNA-dependent RNA polymerization.* Yang, H., Gottlieb, P., Wei, H., Bamford, D., and Makeyev, E.V., *Virology* 314, 706-715, 2003.
- *Characterization of f12, a bacteriophage related to f6: nucleotide sequence of the small and middle double-stranded RNA.* Gottlieb, P., Wei, H., Potgieter, C., and Toporovsky, I., *Virology* 293, 118-124, 2002a.
- *Characterization of f12, a bacteriophage related to f6: nucleotide sequence of the large double-stranded RNA.* Gottlieb, P., Potgieter, C., Wei, H., and Toporovsky, I., *Virology* 295, 266-271, 2002b.

Selected Patents

- *Methods of use of phthalocyanines to inactivate blood borne parasites.* Gottlieb, P., Ben-Hur, E. and Lustigman, S., inventors, New York Blood Center, assignee, (1998), Patent #5,912,241.

- *Methods of use of phthalocyanines to inactivate blood borne parasites.* Gottlieb, P., Ben-Hur, E. and Lustigman, S., inventors, New York Blood Center, assignee, (1997), Patent #5,985,331.

Grants Received

- CAREER: Integrated Study and Research in Virology, NSF, 2000 - 2004, \$100,000
- Characterization of the anti-dsDNA response in mice expressing, EBNA-1 NIH/RCM,I 2002 - 2005, \$75,000
- Complexity Issues in the Modeling of the Transport of Aerosol Aggregates, The Rockefeller Brothers Fund, 2003 - 2004, \$25,000
- Establishment of an Epstein-Barr Virus (EBV)-Based Vector Model to Determine the Etiology of Systemic Lupus Erythematosus (SLE) PSC-CUNY 2003 - 2004 \$3,103
- Analysis of the cystovirus polymerase complex, PSC-CUNY, 2003 - 2004, \$3,423