

## BIOGRAPHICAL SKETCH

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|   |   |         |                |
|---|---|---------|----------------|
| NAME<br><b>Modlin, John F.</b>  | POSITION TITLE<br><b>Professor of Pediatrics and Medicine<br/>Chair, Department of Pediatrics</b> |         |                |
| eRA COMMONS USER NAME<br><b>JFMODLIN</b>  |   |         |                |
| EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i> |   |         |                |
| INSTITUTION AND LOCATION  | DEGREE<br><i>(if applicable)</i>  | YEAR(s) | FIELD OF STUDY |
| Duke University   | AB  | 1967    | Chemistry      |
| Duke University School of Medicine  | MD  | 1971    | Medicine       |
| Children's Hospital, Boston   | Intern  | 1971-72 |                |
| St. Mary's Hospital, London, UK   | Registrar   | 1972-73 |                |
| Children's Hospital, Boston   | Sr. Resident  | 1975-76 |                |

### A. Positions and Honors

#### Positions and Employment

|           |   |
|-----------|---|
| 1978-81   | Instructor in Pediatrics, Harvard Medical School, Boston, Massachusetts   |
| 1978-82   | Medical Director, Clinical Virology Laboratory, Beth Israel Hospital, Boston, Massachusetts   |
| 1978-83   | Assistant in Medicine (Infectious Diseases), Children's Hospital Medical Center, Boston, Massachusetts  |
| 1980-83   | Clinical Fellow in Pediatrics, Sidney Farber Cancer Institute, Boston, Massachusetts  |
| 1981-83   | Assistant Professor of Pediatrics, Harvard Medical School, Boston, Massachusetts  |
| 1983-87   | Assistant Professor of Pediatrics, Johns Hopkins University School of Medicine, Baltimore, Maryland   |
| 1983-91   | Attending Physician, Division of Infectious Diseases, Department of Pediatrics, Johns Hopkins Hospital, Baltimore, Maryland                                 |
| 1984-87   | Assistant Professor of Epidemiology, Johns Hopkins University School of Hygiene and Public Health, Baltimore, Maryland                                      |
| 1986-87   | Assistant Professor of Health Policy and Management, Johns Hopkins University School of Hygiene and Public Health, Baltimore, Maryland                      |
| 1987-91   | Associate Professor of Pediatrics, Epidemiology and International Health, Johns Hopkins University School of Hygiene and Public Health, Baltimore, Maryland |
| 1991-     | Associate Physician, Infectious Disease Section, Hitchcock Clinic, Lebanon, New Hampshire   |
| 1991-2002 | Professor of Medicine, Dartmouth Medical School, Hanover, New Hampshire   |
| 1991-2002 | Professor of Pediatrics, Dartmouth Medical School, Hanover, New Hampshire   |
| 1992-2000 | Medical Director, Clinical Virology Laboratory, Mary Hitchcock Memorial Hospital, Lebanon, New Hampshire  |
| 1992-94   | Vice Chairman for Academic Affairs, Department of Pediatrics, Dartmouth Medical School, Hanover, New Hampshire  |
| 1999-2001 | Acting Chairman, Department of Pediatrics, Dartmouth Medical School, Hanover, New Hampshire   |
| 2001-     | Chairman, Department of Pediatrics, Dartmouth Medical School, Hanover, New Hampshire  |
| 2001-06   | Medical Director, Children's Hospital at Dartmouth, Mary Hitchcock Memorial Hospital, Lebanon, New Hampshire  |

2002- Professor of Pediatrics and Medicine (with Tenure), Dartmouth Medical School, Hanover, New Hampshire

### **Honors and Professional Memberships**

1971 Alpha Omega Alpha, Duke University School of Medicine  
1991 Alexander J. Schaffer Award for Excellence in Clinical Teaching, Department of Pediatrics, Johns Hopkins University School of Medicine  
1993 Master of Arts (Honorary), Dartmouth College  
1994 Saul Blatman Excellence in Teaching Award, Department of Pediatrics, Dartmouth Medical School  
2003 Phi Beta Kappa (Honorary), Dartmouth College

### **Federal Advisory Committees**

1992-95 Antiviral Drugs Advisory Committee, Food and Drug Administration, Chairman 1994-95  
1995-2003 Advisory Committee on Immunization Practices, Centers for Disease Control and Prevention, USPHS, Chairman 1997-2003  
1998-2008 Therapeutic Trials Data and Safety Monitoring Board, NIAID, National Institutes of Health  
2001-03 Centers for Disease Control and Prevention Advisory Committee on Immunization Practices and National Vaccine Advisory Committee Working Group on Bioterrorism, Co-Chairman  
2005-06 National Academy of Sciences, Institute of Medicine Panel on Development of Antiviral Drugs for Use in the Global Poliomyelitis Eradication Program  
2006- Vaccines and Related Biological Products Advisory Committee, Food and Drug Acting Chairman

### **B. Selected peer-reviewed publications**

Modlin JF, Branding-Bennett AD (1974). Surveillance of the congenital rubella syndrome. *J Infect Dis* 130:316-318.  
Modlin JF, Branding-Bennett AD, Witte JJ, Campbell CC, Meyers JD (1975). A review of five years' experience with rubella vaccine in the United States. *Pediatrics* 55:20-29.  
Modlin JF, Herrmann KL, Branding-Bennett AD, Eddins DL, Hayden GF (1976). Risk of congenital abnormality after inadvertent rubella vaccination of pregnant women. *N Eng J Med* 294:972-974.  
Branding-Bennett AD, Jackson RS, Halstead SB, Campbell CC, Herrmann KL, Modlin JF, Meyers JD, Witte JJ (1976). Serologic response to revaccination with two rubella vaccines. *Am J Dis Child* 130:1081-1084.  
Hayden GF, Modlin JF, Witte JJ (1977). Current status of rubella in the United States, 1969-1975. *J Infect Dis* 135:337-340.  
Modlin JF, Jabbour JT, Halsey NA, Witte JJ (1977). Measles, measles vaccine and subacute sclerosing panencephalitis. *Pediatrics* 59:505-512.  
Modlin JF, Smith DH, Harding L (1977). Clinical studies of bivalent A/New Jersey-A/Victoria influenza vaccines in high risk children. *J Infect Dis* 136 (Suppl):626-631.  
McIntosh K, Foy HM, Modlin JF, Boyer KM, Hilman BC, Gross PA (1977). Multicenter two-dose trials of bivalent influenza A vaccines in asthmatic children aged 6-18 years. *J Infect Dis* 136 (Suppl). 645-647.  
Modlin JF, Halsey NA, Eddins DL, Conrad JL, Jabbour JT, Chien L, Robinson H (1979). Epidemiology of subacute sclerosing panencephalitis. *J Pediat* 94:231-236  
Halsey NA, Modlin JF, Jabbour JT, Dubey L, Eddins DL, Ludwig DD (1980). Risk factors in subacute sclerosing panencephalitis. a case-control study. *Am J Epidemiol* 111:415.  
Polk BF, White J, DeGirolami P, Modlin JF (1980). Outbreak of rubella among hospital personnel. *N Eng J Med* 303:541-545.  
Modlin JF (1980). Fatal echovirus 11 disease in premature infants. *Pediatrics* 66:775-780.  
Bell DM, Brink EW, Nitzkin JL, Hall CB, Wulff H, Berkowitz ID, Feorino PM, Friedman HM, Holman RC, Huntley CL, Meade RH, Anderson LJ, Cheeseman SH, Fiumara NJ, Gilfillin RJ, Keim DJ, Modlin JF (1981). Kawasaki syndrome. description of two outbreaks and evidence for its association with an antecedent, primarily respiratory illness. *N Eng J Med* 304:1568-1574.

- Modlin JF, Polk BF, Horton P, Etkind P, Crane E, Spiliotes A (1981). Perinatal echovirus 11 infection. risk of transmission during a community outbreak. *N Eng J Med* 305:368-371.
- Polk BF, Modlin JF, White J, DeGirolami P (1982). A controlled comparison of joint reactions among adult women receiving one of two rubella vaccines. *Am J Epidemiol* 115:1925.
- Modlin JF, Crumpacker CS (1982). Coxsackie B1 virus infection in the pregnant mouse and transmission to the fetus. *Infect Imm* 37:222-226.
- Bor D, Rose R, Modlin JF, Weintraub R, Friedland G (1983). Mediastinitis after cardiovascular surgery. *Rev Infect Dis* 5:885-897.
- O'Neil KM, Herman JH, Modlin JF, Moxon ER, Winkelstein JA (1986). Pseudomonas cepacia. an emerging pathogen in chronic granulomatous disease. *J Pediatr* 108:940-942.
- Modlin JF (1986). Perinatal echovirus infections. insights from a literature review of 61 cases of serious infection and 16 reported nursery outbreaks. *Rev Infect Dis* 8:918-926.
- Modlin JF, Bowman M (1987). Perinatal transmission of coxsackie B3 virus in a murine model. *J Infect Dis* 156:21-25.
- McBean AM, Modlin JF (1987). Rationale for the sequential use of inactivated poliovirus vaccine and live, attenuated poliovirus vaccine for routine poliomyelitis immunization in the United States. *Ped Infect Dis J* 6:881-887.
- O'Neil KM, Pallansch MA, Winkelstein JA, Lock TM, Modlin JF (1988). Chronic group A coxsackievirus infection in agammaglobulinemia. demonstration of genomic variation of serotypically identical isolates persistently excreted from the same patient. *J Infect Dis* 157:183-186.
- Newman C, Modlin JF, Yolken RH, Viscidi R (1989). Monoclonal solution hybridization assay for detection of enteroviruses. *Mol Cell Probes* 3:375-382.
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- Modlin JF, Onorato IM, McBean AM, Thoms ML, Albrecht PA, Nerhood L, Bernier R (1990). The humoral immune response to type 1 oral poliovirus vaccine in children previously immunized with enhanced potency inactivated poliovirus vaccine or live oral poliovirus vaccine. *Am J Dis Child* 144:480-484.
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- Faden H, Modlin JF, Thoms ML, McBean AM, Ferndon MB, Ogra PL (1990). Comparative evaluation of immunization with live attenuated and enhanced potency inactivated trivalent poliovirus vaccines in childhood. systemic and local immune responses. *J Infect Dis* 162:1291-1297.
- Millard DD, Chadwick EG, Modlin JF, Yogev R (1990). Symptomatic congenital human immunodeficiency virus (HIV) infection. Results of treatment with zidovudine. *Ped Infect Dis J* 9:929-931.
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- Modlin JF, Dagan R, Berlin LE, Virshup DM, Yolken RH, Menegus M (1991). Focal encephalitis with enterovirus infections. *Pediatrics* 88:841-845.
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- Beausoleil JL, Nordgren RE, Modlin JF (1994). Vaccine-associated paralytic poliomyelitis. *J Child Neurol* 9:334-335.
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- Nielsen LP, Modlin JF, Rotbart HA (1996). Detection of enteroviruses by polymerase chain reaction in urine samples from patients with aseptic meningitis. *Ped Infect Dis J* 15:625-627.
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### C. Research Support

None