

**Perelman School of Medicine at
The University of Pennsylvania**

Paul A. Offit, MD

Office Address: Division of Infectious Diseases
Abramson Research Building, Room 1202D
The Children's Hospital of Philadelphia
3615 Civic Center Blvd.
Philadelphia, PA. 19104
(215) 590-2020
(215) 590-2025 (FAX)
email: offit@email.chop.edu

Education: 1969-73 B.S. Tufts University
1973-77 M.D. University of Maryland School of Medicine

Postgraduate Training and Fellowship Appointments:

1977-80 Intern and Resident in Pediatrics,
Children's Hospital of Pittsburgh, Pittsburgh

1980-82 Fellowship, Infectious Diseases, Children's Hospital of
Philadelphia, Philadelphia

Faculty Appointments:

1982-84 Instructor in Pediatrics, Department of Pediatrics,
University of Pennsylvania School of Medicine

1982-85 Research Investigator, The Wistar Institute of Anatomy and
Biology

1984-85 Clinical Assistant Professor in Pediatrics, Department of
Pediatrics, University of Pennsylvania School of Medicine

1985-87 Research Associate, Dept. of Medical Microbiology,
Stanford University School of Medicine

- 1986-87 Clinical Assistant Professor, Division of Pediatric Infectious Diseases, Stanford University School of Medicine
- 1987-92 Assistant Professor, Department of Pediatrics, The University of Pennsylvania School of Medicine
- 1987-92 Assistant Professor, The Wistar Institute of Anatomy and Biology
- 1992-00 Associate Professor, Department of Pediatrics The University of Pennsylvania School of Medicine
- 1991- Adjunct Associate Professor, The Wistar Institute of Anatomy and Biology
- 2000- Professor, Department of Pediatrics The University of Pennsylvania School of Medicine

Hospital and Administrative Appointment:

- 1992-2014 Chief, Division of Infectious Diseases, The Children's Hospital of Philadelphia
- 1992-present Chairman, Therapeutic Standards Committee The Children's Hospital of Philadelphia

Specialty Certification:

- 1982 American Board of Pediatrics

Licensure: Pennsylvania and California

Awards, Honors, and Membership in Honorary Societies:

- 1977 J. Edmund Bradley Prize for Excellence in Pediatrics, University of Maryland Medical School
- 1981 Fellow's Annual Teaching Award, The Children's Hospital of Philadelphia
- 1988 Lederle Young Investigator Award in Vaccine Development

- The University of Pennsylvania Research Foundation Award
- 1991 Research Achievement Award, The Children’s Hospital of Philadelphia
- 1997 Elected to the council of the Society of Pediatric Research
- Recipient of the Werner and Gertrude Henle Chair in Pediatric Immunologic and Infectious Diseases at the Children’s Hospital of Philadelphia
- 1998 Elected to the Executive Committee of the Joseph Stokes, Jr. Research Institute
- 2001 “Excellence in Service” Award from the Delaware Valley Immunization Coalition
- 2003 Fellow, College of Physicians of Philadelphia
- 2004 Recipient of the Maurice R. Hilleman Chair in Vaccinology from the University of Pennsylvania School of Medicine
- 2006 John H. Erskine Lecture in Infectious Diseases, St. Jude Children’s Research Hospital
- Jeryl Lynn Hilleman Lecture, CDC Foundation
- Howard Mermelstein Lecture, Children’s Hospital of Pittsburgh
- The Joseph W. Mountin Lecturer, CDC
- Gold Medal Award from the Children’s Hospital of Philadelphia for the co-invention of RotaTeq
- Jonas Salk Bronze Medal from the Association for Professionals in Infection Control and Epidemiology for the co-invention of RotaTeq
- 2007 Canon Ely Distinguished Professor, Boston Children’s Hospital
- 2008 Stevens Distinguished Visiting Professor, LeBonheur Children’s Hospital and the University of Tennessee Medical Center

Stanley A. Plotkin Award for Outstanding Achievement in Vaccines, Pediatric Infectious Diseases Society

16th Annual Dorothy Horstmann Lecture, Yale University School of Medicine

AMWA (American Medical Writers Association) Medical Book Award, Public/Healthcare Consumer Category for “Vaccinated: One Man’s Quest to Defeat the World’s Deadliest Diseases”

Luigi Mastroianni Clinical Innovator Award, University of Pennsylvania School of Medicine for the co-invention of RotaTeq

Saul Krugman Memorial Lectureship, “The Rotavirus Vaccine: From Bench to Bedside,” New York University School of Medicine, New York, NY

2009

Dr. Charles Mérieux Award for Achievement in Vaccinology and Immunology from the National Foundation for Infectious Diseases

Humanitarian of the Year Award, National Meningitis Association

William Osler Patient Oriented Research Award, University of Pennsylvania School of Medicine for the co-invention of the RotaTeq and for the creation of the Vaccine Education Center at the Children’s Hospital of Philadelphia

President’s Certificate for Outstanding Service, American Academy of Pediatrics

2009 Fiser Lecturer, University of Arkansas Medical Sciences

16th Annual Frontiers in Vaccinology Lecture, Center for Vaccine Development, University of Maryland School of Medicine

Honored by Bill and Melinda Gates at the Bill and Melinda Gates Foundation’s Living Proof Project for Global Health

- 2010 37th Lori Haker Visiting Professor, Medical College of Wisconsin
- Ralph D. Feigin Award for Excellence, 2010, for “Outstanding Advocacy for Immunizations,” Houston, TX
- Ashley Weech Visiting Professor, Children’s Hospital of Cincinnati, Cincinnati, OH
- 35th Hattie Alexander Memorial Lecture, Columbia University College of Physicians and Surgeons, New York, NY
- Lawrence T. Taft Memorial Lecture, Robert Wood Johnson School of Medicine, New Brunswick, NJ
- 2011 Humanitarian of the Year Award, Biotechnology Industries Organization (BIO)
- David E. Rogers Award, American Association of Medical Colleges
- Odyssey Award, Center for Medicine in the Public Interest
- Board Member, The Franklin Institute
- Inducted into the Institute of Medicine of the National Academies
- 2012 Fellow, American Academy of Microbiology
- The CSL Behring Visiting Professor, A. I. Dupont Nemours Hospital for Children
- Distinguished Medical Achievement Award, The College of Physicians of Philadelphia
- Jonathan M. Mann Memorial Lecture, Council of State and Territorial Epidemiologists, Omaha, NE
- Drexel Medicine Prize in Translational Medicine, Drexel University College of Medicine
- Elected to the John Morgan Society, University of Pennsylvania

- 2013 Maxwell Finland Award for Scientific Achievement,
National Foundation for Infectious Diseases
- 2013 Honor Award and Gold Key, Distinguished Alumnus
Award, University of Maryland School of Medicine
- 2013 Innovators in Health Award, Group Health
Foundation, Seattle, WA
- 2014 Visiting Professor, Department of Biology, University of
Richmond, Richmond, VA
- Visiting Professor, Department of Biology, Haverford
College, Philadelphia, PA
- 2014 Honoree, Autism Science Foundation, 5th
Anniversary Celebration
- Robert P. Balles Prize in Critical Thinking, The Committee
for Skeptical Inquiry and Skeptical Inquirer Magazine
- 7th Annual Sheldon C. Siegel Lectureship, Department of
Pediatrics, UCLA School of Medicine
- 13th Annual Donald Schaffner Lecture, Children's
Healthcare of Atlanta at Scottish Rite, Atlanta, GA
- Board of Trustees, College of Physicians of Philadelphia
- 2015 Elected to the American Association of Physicians
- Christian R. and Mary F. Lindback Award for
Distinguished Teaching, University of Pennsylvania
- Elected to the American Academy of Arts and Sciences
- The Joseph B. Bilderback Lecture, Oregon Health and
Science University, Portland, Oregon
- Fellow, Pediatric Infectious Diseases Society
- Fellow, American Academy for the Advancement of
Science
- 2016 Franklin Founder Award

Elected to the Executive Council, Committee for Skeptical Inquiry

Membership in Professional and Scientific Societies:

National Societies:

American Society for Microbiology
American Society for the Advancement of Science
American Society for Virology
Union of Concerned Scientists
Society for Experimental Biology and Medicine
The American Association of Immunologists
Pediatric Infectious Disease Society
Society for Mucosal Immunology
The Society for Pediatric Research
American Gastroenterological Association
Fellow, American Academy of Pediatrics
International Society for Vaccines
Association for the Prudent Use of Antibiotics
The Institute for Science in Medicine, Fellow
GAVI Campaign, Board of Directors
American Pediatric Society

Local Societies:

Philadelphia Pediatric Society
Philadelphia County Medical Society
Philadelphia Childhood Immunization Coalition

National Scientific Committees:

Advisory Committee on Immunization Practices, Centers for Disease Control and Prevention (1998-2003)
Allergy/Asthma Data Safety Monitoring Board, National Institutes for Health, National Institute for Allergy and Infectious Diseases (2005-present)

Scientific Advisory Boards

Vical Corporation, San Diego, CA. (2001-2003)
Roy and Diana Vagelos Program in Life Sciences Management, The University of Pennsylvania
Internal Advisory Board of the Penn Center for AIDS Research
Founding Advisory Board Member, Autism Science Foundation
Board of Trustees, American Council on Science and Health (2010-2015)
Board of Trustees, The Franklin Institute
Advisory Board, Child Healthcare Is a Legal Duty, Inc.

Advisory Board, College of Physicians of Philadelphia
Advisory Board, Child Friendly Faith
Science Visiting Council, NOVA, WGBH, Boston, MA

Editorial Positions:

1987-1993 Editorial Board, **Proceedings of the Society for Experimental Medicine and Biology**

1986-2001 Editorial Board, **Journal of Clinical Microbiology**

1990- Editorial Board, **Virology**

1999- Advisory Board, **Child Magazine**
Advisory Board, **PKIDS**
Advisory Board, **Immunization Action Coalition**

2003- Editorial Board, **Infectious Diseases in Children**

2004- Associate Editor, **Human Vaccines**

2005- Editorial Board, **Clinical and Diagnostic Laboratory Immunology**

2006 Advisory Board, **Every Child By Two**
Advisory Board, **American Council on Science and Health**

2007 Advisory Board, **American Baby Magazine**

Academic Committees at The University of Pennsylvania:

1989- Member, Immunology Graduate Group
Member, Molecular Biology Graduate Group

2005- Member, Graduate Program in Public Health Studies

2006- Member, Cell and Molecular Biology Graduate Group

2008- Co-Director, The Center for Vaccine Ethics and Policy, a program of the Center for Bioethics, University of Pennsylvania, The Wistar Institute, and The Children's Hospital of Philadelphia

Major Teaching and Clinical Responsibilities at The University of Pennsylvania:

Attending Rounds in Infectious Diseases, The Children's Hospital of Philadelphia, 2 months per year

Co-Director, Rotavirus Vaccine Program, The Children's Hospital of Philadelphia

Course Director, Pediatric Infectious Diseases, The Children's Hospital of Philadelphia

Teaching faculty, Mechanisms of Infection (ID 202) and Microbiology 100 (Vaccines), The University of Pennsylvania School of Medicine

Teaching faculty, Immunobiology 404, 505, 506, 508 and 510 The University of Pennsylvania, Department of Biology, Bioethics 572 001, Bioethics Department, The University of Pennsylvania

Co-Director, Immunology and Cell and Molecular Biology 609 (Vaccines and Immunotherapeutics), The University of Pennsylvania

Director, Vaccine Education Center Annual Symposium Series, 2001, 2002, 2003, 2004, 2007, 2008, 2010

Principal Investigator of Grants:

The study of rotaviruses with monoclonal antibodies, Individual National Research Service Award, F32 AI 06733, **The National Institutes of Health**, 1982-1984, \$36,000.

Immune protection against rotavirus infection, New Investigator Research Award, 1 R23 AI 21065, **The National Institutes of Health**, 1984-1987, \$107,000

Protection against viral enteritis by intestinal CTLs, Biomedical Research Service Award, RR 05506-26, **The Children's Hospital of Philadelphia**, 1987-1989, \$50,000.

Protection against viral enteritis by intestinal CTLs, The Thomas B. and Jeanette E. Laws McCabe Fund, #60888, **The University of Pennsylvania School of Medicine**, 1987-1989, \$14,000.

Protection against viral enteritis by intestinal CTLs, The University of Pennsylvania Research Foundation Award, **The University of Pennsylvania School of Medicine**, 1988-1989, \$18,000.

Modification of rotavirus virulence by genetic reassortment, The Lederle Young Investigator Award in Vaccine Development, **The Infectious Disease Society of America**, 1988-1990, \$60,000.

Protection against enteric infection by intestinal CTLs, **Research Career Development Award**, 1 K04 AIDK00889-01 VR, **The National Institutes of Health**, 1989-94, \$300,000.

Protection against enteric infection by intestinal CTLs, R01 AI26251-01, **The National Institutes of Health**, 1990-95, \$552,290.

Rotavirus-specific cellular immune response after natural infection or immunization, **Thrasher Research Fund**, 1993-95, \$84,168.

Enhancement of rotavirus vaccine immunogenicity, **World Health Organization**, 1995-97, \$46,000.

Enhancement of viral immunogenicity by microencapsulation, R01 AI26251-06-10, **The National Institutes of Health**, 1995-2000, \$980,350.

Enhancement of bovine herpes virus glycoprotein immunogenicity by microencapsulation, **Pfizer Laboratories**, 1996-1997, \$62,500.

Enhancement of influenza virus and avian poxvirus-HIV recombinant immunogenicity by microencapsulation, **Pasteur-Merieux Serum et Vaccin**, 1996-1997, \$230,000.

Enhancement of an E. coli fimbrial protein (F11) immunogenicity by microencapsulation, **Intervet Laboratories**, 1996-1997, \$12,000.

Enhancement of canine parvovirus and feline leukemia virus immunogenicity by aqueous-based microencapsulation, **Heska Laboratories**, 1996-1997, \$62,000.

Enhancing mucosal immune responses by microencapsulation, R01 AI26251-11-15, **The National Institutes of Health**, 2000-2005, \$1,250,000.

Lectures by Invitation (past three years):

2012 **Invited Speaker**, The Beaumont Lecture, “Communicating Vaccine Science to the Public,” Yale University School of Medicine, New Haven, CT

Invited Speaker, 58th Annual Convention, Excellence in Pediatrics: Challenges for the Pediatrician, “Communicating Vaccine Science to the Public,” San Juan, Puerto Rico

Invited Speaker, American Academy of Allergy, Asthma, and Immunology, “Hard Knock: Communicating Science to the Public,” Orlando, FL

Invited Speaker, Dartmouth Medical Center, Grand Rounds, “Communicating Vaccine Science,” Hanover, NH

Invited Speaker, World Vaccine Congress 2012, “Religious Exemptions to Vaccines,” Washington, DC

Invited Speaker, 7th Annual DC Immunization Conference, “Answering Parents’ Questions About Vaccines,” Washington, DC

Invited Speaker, American Medical Association Conference, “Unvaccinated: The Surprising and Disturbing History of Vaccine Exemptions in the United States,” Chicago, IL

Invited Speaker, Milton Markowitz Memorial Lecture, “Unvaccinated: The Strange History of Vaccine Exemptions,” Connecticut Children’s Medical Center, Hartford, CT

Invited Speaker, Center for Public Health Initiatives, Evidence and Controversy in Public Health Seminar Series, “Communicating Science to the Public,” Philadelphia, PA

Invited Speaker, Emory Distinguished Scientist Seminar, “Rotavirus Vaccine: From Bench to Bedside,” Atlanta, GA

Invited Speaker, “Meet-the-Expert Session,” American Academy of Pediatrics, “Dealing with Vaccine Refusal and Alternative Vaccine Schedules,” New Orleans, LA

Invited Speaker, “Saying No to Vaccines,” Minnesota State Immunization Conference, Mankato, MN

Invited Speaker, Distinguished Lecture Series, “Vaccine Advocacy and Overcoming Vaccine Refusal,” Creighton University School of Medicine, Omaha, NE

Invited Speaker, Grand Rounds, Emory University School of Medicine, “Unvaccinated: The Strange and Rather Surprising History of Vaccine Exemptions,” Atlanta, GA

2013

Invited Speaker, “Communicating Science,” 57th Annual Meeting of the Biophysical Society, Philadelphia, PA

Invited Speaker, “Unvaccinated: The Strange Story of Vaccine Exemptions,” Grand Rounds, Stanford University School of Medicine, Palo Alto, CA

Invited Speaker, “Unvaccinated: The Strange History of Vaccine Exemptions,” Virginia Chapter of the American Academy of Pediatrics, Richmond, VA

Invited Speaker, “Vaccines and Public Perception,” Center for Vaccine Development at the University of Maryland, Baltimore, MD

Invited Speaker, “Vaccines vs. Vitamins: Why FDA Regulation Is a Good Thing,” Grand Rounds, Milton S. Hershey Medical Center, Penn State University School of Medicine, Hershey, PA

Invited Speaker, “Vaccines vs. Vitamins: Why FDA Regulation Is a Good Thing,” Philadelphia Immunization Coalition, Shriners Hospital, Temple University School of Medicine, Philadelphia, PA

Invited Speaker, “Unvaccinated: The Strange History of Vaccine Exemptions,” The Gould Lectureship, Langone School of Medicine, New York University, New York, NY

Invited Speaker, “Alternative Medicine: Sense and Nonsense,” Jefferson University School of Medicine, Grand Rounds, Philadelphia, PA

Invited Speaker, “Evidence-Based Approach to Vaccine Hesitancy,” Pediatric Academic Societies Annual Meeting, Washington, DC

Invited Speaker, “Vaccinated: The True Story of the Father of Modern Vaccines,” 50th Annual Holloway Symposium, Christiana Hospital, Wilmington, DE

Invited Speaker, “Vaccines vs. Vitamins: Why FDA Regulation Is a Good Thing,” Iowa Immunization Conference, Iowa Department of Public Health, Des Moines, IA

Invited Speaker, “Standing Up for Vaccines,” Hot Topics in Infection and Immunity in Children, University of Oxford Department of Paediatrics, Oxford, England

Invited Speaker, “Which Is Safer: Vitamins or Vaccines?” 8th Annual DC Immunization Conference, Washington, DC

Invited Speaker, “Alternative Medicine: Sense and Nonsense,” Grand Rounds, Lankenau Hospital, Philadelphia, PA

Invited Speaker, “Vaccines vs. Vitamins: Or Why FDA Regulation is a Good Thing,” 20th Annual Immunize Georgia Conference, Calloway Gardens, GA

Invited Speaker, “Healthcare Practitioners and the Patient Safety Initiative,” Center for Vaccine Ethics and Policy, New York University Langone Medical Center, New York, NY

Invited Speaker, “Unvaccinated: The Strange and Rather Surprising History of Vaccine Exemptions,” Grand Rounds, Massachusetts General Hospital, Boston, MA

Invited Speaker, “Vaccines Vs. Vitamins: Which Is Safer? Or Why FDA Regulation Is a Good Thing,” 18th Annual Massachusetts Immunization Action Partnership, Marlborough, MA

Invited Speaker, “Vaccines Vs. Vitamins: Which Is Safer? Or Why FDA Regulation Is a Good Thing,” Alaska Immunization Conference, Anchorage, AK

Invited Speaker, “The Rotavirus Vaccine: From Bench to Bedside,” Pediatric Translational Research Course, The Children’s Hospital of Philadelphia, Philadelphia, PA

Invited Speaker, “How Vaccines Are Made: Or Why FDA Regulation Is a Good Thing,” American Academy of Pediatrics National Conference and Exhibition, Orlando, FL

Invited Speaker, “Alternative Medicine: Sense and Nonsense,” Infectious Diseases in Children Symposium, New York, NY

2014

Invited Speaker, “The Sense and Nonsense of Alternative Medicine,” Center for Inquiry, Washington, D.C.

Invited Speaker, “Alternative Medicine,” Grand Rounds, Pennsylvania Hospital, Philadelphia, PA.

Invited Speaker, “Communicating Science to the Public,” Alpha Omega Alpha Visiting Professor, Temple University School of Medicine, Philadelphia, PA

Invited Speaker, “What’s New in Vaccines,” Practical Pediatrics CME, American Academy of Pediatrics, Orlando, FL

Invited Speaker, “Student Guinea Pigs,” Association of Healthcare Journalists, Denver, CO

Invited Speaker, “Do You Believe in Magic? The Sense and Nonsense of Alternative Medicine: Book Conversation,” Center for Neuroscience and

Society's Public Talk Series, University of Pennsylvania School of Law, Philadelphia, PA

Invited Speaker, "The Measles Epidemic: Philadelphia, 1991," Northeast Conference on Science and Skepticism, New York City, NY

Invited Speaker, "Alternative Medicine: Sense or Nonsense," Grand Rounds, University of Chicago, Chicago, IL

Invited Speaker, "The Rotavirus Vaccine: From Bench to Bedside," American Physician Scientist Association Annual Meeting, Chicago, IL

Invited Speaker, "The Philadelphia Measles Epidemic of 1991: Lessons from the Past," Philadelphia Immunization Coalition Annual Spring Workshop, Philadelphia, PA

Invited Speaker, "Refusing Vaccines: The Philadelphia Panic of 1991," New Jersey AAP Annual Conference and Exhibition, Edison, NJ

Invited Speaker, "The Philadelphia Measles Epidemic of 1991: Lesson from the Past or Prologue to the Future," James Randi Educational Foundation, Las Vegas, NV

Invited Speaker, "The HPV Vaccine," "Vaccine Safety," 2014 North Dakota State Immunization Conference, Bismarck, ND

Invited Speaker, "The Philadelphia Measles Epidemic of 1994: Lessons from the Past," 16th International Congress of Virology, Montreal, Canada

Invited Speaker, "Vaccine Update," Military Vaccine Agency, Washington, DC

Invited Speaker, "Influenza Outlook 2014-2015: Keeping the Nation Flu-Focused," National Foundation of Infectious Diseases, National Press Club, Washington, DC

Invited Speaker, "Alternative Medicine: Sense or Nonsense," Los Angeles Society of Allergy, Asthma, and Clinical Immunology, Los Angeles, CA

Invited Speaker, "Alternative Medicine: Sense or Nonsense," Orange County Medical Association, Irvine, CA

Invited Speaker, "Vaccines vs. Vitamins: Which Is Safe or Why FDA Regulation Is a Good Thing," 32nd Annual Day in Pediatrics at Reading Hospital, Reading, PA

Invited Speaker, “This Year’s Dose of Vaccine Wisdom: 2014 and Beyond,” 19th Annual Practical Review for the Clinician: Pediatric Allergy, Immunology and Infectious Diseases, Children’s Hospital of Philadelphia, Philadelphia, PA

Invited Speaker, “Communicating Vaccine Science to the Public,” “Complementary and Alternative Medicine: Here to Stay, What to Do?” American Academy of Pediatrics National Conference and Exhibition, San Diego, CA

Invited Speaker, "The Role of Science in Informing the Public and Public Policy: Challenges and Opportunities," Annenberg Science of Science Communication Conference, Annenberg Public Policy Center, The University of Pennsylvania, Philadelphia, PA

Invited Speaker, “The Philadelphia Measles Epidemic of 1991: Lessons from the Past,” 8th Vaccine and International Society for Vaccines Congress, Philadelphia, PA

Invited Speaker, “The Philadelphia Measles Panic of 1991: Lesson from the Past or Predictor of the Future,” Fifth Annual Innovations in Healthcare Symposium, NYU Langone Medical Center, New York, NY

Invited Speaker, “How to Talk to Patients About Vaccines,” 2014 Texas Immunization Conference, San Antonio, TX

Invited Speaker, “When Religious Belief Undermines Modern Medicine,” Child-Friendly Faith Project Conference, Austin, TX

2015

Invited Speaker, Internal Medicine Grand Rounds, Albert Einstein School of Medicine, “The Philadelphia Measles Epidemic of 1991: Lesson from the Past or Prologue to the Future,” Philadelphia, PA

Invited Speaker, Grand Rounds, Drexel University School of Public Health, “The Philadelphia Measles Epidemic of 1991: Lesson from the Past or Prologue to the Future,” Philadelphia, PA

Invited Speaker, “Communicating Science to Politicians and the Public,” Eagleton Institute of Politics, Rutgers University, New Brunswick, NJ

Invited Speaker, “The Intersection Between Religion and Health,” American Atheist’s National Convention, Memphis, TN

Invited Speaker, “Bad Faith: When Religious Belief Undermines Modern Medicine,” University of Illinois School of Law, Champaign, IL

Invited Speaker, “The Philadelphia Measles Epidemic of 1991: Lessons from the Past,” Grand Rounds, Maria Fareri Children’s Hospital, Valhalla, NY

Invited Speaker, “Scare Tactics: The Media Response to Infectious Diseases,” New England Center for Science and Skepticism, New York, NY

Invited Speaker, “When Modern Medicine and Religion Collide: A Philadelphia Story,” Science on the Hill, St. Joseph’s University, Philadelphia, PA

Invited Speaker, “The Philadelphia Measles Epidemic of 1991: Lessons from the Past,” American Immunization Registries Association, New Orleans, LA

Invited Speaker, “The Philadelphia Measles Epidemic of 1991: Lessons from the Past,” Board of Governors and Board of Regents Annual Meeting, American College of Physicians, Boston, MA

Invited Speaker, “The Philadelphia Measles Epidemic: Lessons from the Past,” Grand Rounds, Temple University School of Medicine, Philadelphia, PA

Invited Panelist, “Vaccination and the State: A Panel Discussion on Ending the Personal Belief Exemption in Pennsylvania,” College of Physicians of Philadelphia, Philadelphia, PA

Invited Speaker, Pediatric Kaleidoscope, Fest Spiel Honoring the Career of Carl Gartner, “The Philadelphia Measles Epidemic: Lessons from the Past,” A. I. Dupont Hospital for Children, Wilmington, DE

Invited Speaker, “The Measles Epidemic of 1991: Lessons from the Past,” 10th Annual DC Immunization Conference, Washington, DC

Invited Speaker, “Keynote Address,” Measles-Rubella Initiative, American Red Cross, Washington, DC

Invited Speaker, “Talking to Parents About Vaccines,” Ohio Chapter of the American Academy of Pediatrics, Columbus, OH

Invited Speaker, “Meningococcal serogroup B vaccines: safety, efficacy, and potential impact,” International Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA

Invited Speaker, “The History of Vaccines and the Current Social and Cultural Context of the Anti-Vaccine Movement,” Columbia University Epidemiology Scientific Symposium, Columbia University, New York, NY

Invited Speaker, “Vaccine Hesitancy and Vaccine Safety,” Kentucky Department of Public Health, Louisville, KY

Invited Speaker, “The Philadelphia Measles Epidemic: 1991,” Grand Rounds, Department of Pediatrics, Kosair Hospital for Children, Louisville, KY

Invited Speaker, “Talking to Parents About Vaccines,” American Academy of Pediatrics National Conference and Exhibition, Washington, DC

Invited Speaker, “Bad Faith: When Religious Belief Undermines Modern Medicine,” Iowa Immunization Conference, Des Moines, IA

Publications

Original Papers

1. Offit, P.A., G.B. Fleischer, N. Koven, and S.A. Plotkin. 1981. Severe pneumonia in Epstein-Barr virus infection. **J. Adol. Health Care** 2: 121-125.
2. Offit, P.A., J. Campos, and S.A. Plotkin. 1982. Ampicillin-resistant, beta-lactamase negative, *Haemophilus influenzae* type b. **Pediatrics** 69: 230-232.
3. Offit, P.A., S. Starr, P. Zolnick, and S.A. Plotkin. 1982. Acyclovir treatment in neonatal herpes simplex virus infection. **Ped. Infect. Dis.** 1: 253-255.
4. Offit, P.A., H.F. Clark, W.G. Stroop, E.M. Twist, and S.A. Plotkin. 1983. The cultivation of human rotavirus, strain 'WA', to high titer in cell culture and characterization of the viral structural polypeptides. **J. Virol. Methods** 7: 29-40.
5. Offit, P.A., H.F. Clark, and S.A. Plotkin. 1983. Experimental analysis of the immune response to rotaviruses of bovine or primate origin assessed by radioimmunoassay, radioimmunoprecipitation, and plaque-reduction neutralization. **Infect. Immun.** 42: 293-300.
6. Offit, P.A., Clark, H.F., M. Kornstein, and S.A. Plotkin. 1984. A murine model for oral infection with a primate rotavirus (simian strain SA-11). **J. Virol.** 51: 233-236.

7. Offit, P.A., H.F. Clark, A.H. Taylor, R.G. Hess, P.A. Bachman, and S.A. Plotkin. 1984. Rotavirus-specific antibodies in fetal bovine serum and commercial preparations of serum albumin. **J. Clin. Microbiol.** 20: 266-270.
8. Offit, P.A., and H.F. Clark. 1985. Protection against rotavirus-induced gastroenteritis in a murine model by passively-acquired gastrointestinal but not circulating antibodies. **J. Virol.** 54: 58-64.
9. Offit, P.A., and H.F. Clark. 1985. Maternal antibody-mediated protection against gastroenteritis due to rotavirus in neonatal mice is dependent on both serotype and titer of antibody. **J. Infect. Dis.** 152: 1152-1158.
10. Offit, P.A., G. Blavat, H.B. Greenberg, and H.F. Clark. 1986. Molecular basis of rotavirus virulence: role of gene segment 4. **J. Virol.** 57: 46-49.
11. Offit, P.A., and G. Blavat. 1986. Identification of the two rotavirus genes determining neutralization specificities. **J. Virol.** 57: 376-378.
12. Offit, P.A., R. Shaw, and H.B. Greenberg. 1986. Protection against rotavirus-induced gastroenteritis in newborn mice by monoclonal antibodies to surface proteins vp3 and vp7. **J. Virol.** 58: 700-703.
13. Clark, H.F., P.A. Offit, K.T. Dolan, A. Tezza, K. Gogalin, E.M. Twist, and S.A. Plotkin. 1986. Response of adult human volunteers to oral administration of bovine and bovine/human reassortant rotaviruses. **Vaccine** 4: 25-31.
14. Clark, H.F., P.A. Offit, K. Dolan, T. Furukawa, L. Bell, and S.A. Plotkin. 1985. Rotavirus (RV) of bovine and human origin: immune response of adults and children following oral administration. **Pediatr. Res.** 19: 290 A.
15. Clark, H.F., T. Furukawa, L.M. Bell, P.A. Offit, P.A. Parrella, and S.A. Plotkin. 1986. Immune response of infants and children to low-passage bovine rotavirus (strain WC-3). **Am J. Dis. Child.** 140:350-356.
16. Shaw, R.D., T.V. Phuoc, P.A. Offit, B.S. Coulson, and H.B. Greenberg. 1986. Antigenic mapping of the surface proteins of rhesus rotavirus. **Virology** 155: 434-451.
17. Offit, P.A., G. Blavat, H.F. Clark, and H.B. Greenberg. 1986. Reassortant rotaviruses containing structural proteins vp3 and vp7 from different parents induce antibodies protective against each parental serotype. **J. Virol.** 60: 491-496.
18. Bell, L.M., H.F. Clark, P.A. Offit, P.H. Slight, A.M. Arbeter, and S.A. Plotkin. 1987. Rotavirus serotype-specific neutralizing activity in human milk. **Am. J. Dis. Child.** 142: 275-278.

19. Bell, L.M., H.F. Clark, E.A. O'Brien, M.J. Kornstein, S.A. Plotkin, and P.A. Offit. 1987. Gastroenteritis caused by human rotaviruses (serotype 3) in a suckling mouse model. **Proc. Soc. Exp. Biol. Med.** 184: 127-132.
20. Clark, H.F., Y. Hoshino, L.M. Bell, J. Groff, P. Bachman, and P.A. Offit. 1987. A rotavirus isolate WI61 representing a presumptive new human serotype. **J. Clin. Microbiol.** 25: 1757-1762.
21. Liu, M., P.A. Offit, and M.K. Estes. 1988. Identification of the simian rotavirus SA11 genome segment 3 product. **Virology** 163: 26-32.
22. Offit, P.A., and K.I. Dudzik. 1988. Rotavirus-specific cytotoxic T lymphocytes cross-react with target cells infected with different rotavirus serotypes. **J. Virol.** 62:127-131.
23. Offit, P.A., and K.I. Dudzik. 1989. Noninfectious rotavirus (strain RRV) induces and immune response which protects against rotavirus challenge. **J. Clin. Microbiol.** 27: 885-888.
24. Matsui, S., P.A. Offit, P.T. Vo, E.R. Mackow, D.A. Benfield, R.D. Shaw, L. Padilla-Noriega, and H.B. Greenberg. 1989. Passive protection against rotavirus-induced diarrhea by monoclonal antibodies to the heterotypic neutralization domain of vp7 and the vp8 fragment of vp4. **J. Clin. Microbiol.** 27: 780-782.
25. Offit, P.A., and K.I. Dudzik. 1989. Rotavirus-specific cytotoxic T lymphocytes appear at the intestinal mucosal surface after rotavirus infection. **J. Virol.** 63: 3507-3512.
26. Offit, P.A., H.B. Greenberg, and K.I. Dudzik. 1989. Rotavirus-specific protein synthesis is not necessary for recognition of infected cells by virus-specific cytotoxic T lymphocytes. **J. Virol.** 63: 3279-3283.
27. Offit, P.A. and Y.M. Svoboda. 1989. Rotavirus-specific cytotoxic T lymphocyte response of mice after oral inoculation with candidate rotavirus vaccine strains RRV or WC3. **J. Infect. Dis.** 160:783-788.
28. Brussow H., P.A. Offit, G. Gerna, A. Bruttin, and J. Sidoti. 1990. Polypeptide specificity of anti-viral serum antibodies in children naturally infected with human rotavirus. **J. Virol.** 64:4130-4136.
29. Matsuda Y., O. Nakagomi, and P.A. Offit. 1990. Presence of three P types (vp4 serotypes) and two G types (vp7 serotypes) among bovine rotavirus strains. **Arch. Virol.** 115:199-207.
30. Offit, P.A. and K.I. Dudzik. 1990. Rotavirus-specific cytotoxic T lymphocytes passively protect against gastroenteritis in suckling mice. **J. Virol.** 64:6325-6328.

31. Offit, P.A., S.L. Cunningham, and K.I. Dudzik. 1991. Memory and distribution of virus-specific cytotoxic T lymphocytes (CTLs) and CTLp after rotavirus infection. **J. Virol.** 65:1318-1324.
32. Offit, P.A., D.B. Boyle, G.W. Both, N.L. Hill, Y.M. Svoboda, S.L. Cunningham, R.J. Jenkins, and M.A. McCrae. 1991. Surface glycoprotein vp7 is recognized by crossreactive rotavirus-specific cytotoxic T lymphocytes. **Virology** 184:563-568.
33. Brussow, H., P.A. Offit, J. Sidoti. 1991. Neutralizing antibodies to heterologous animal rotavirus serotypes 5, 6, 7, and 10 in sera from Ecuadorian children. **J. Clin. Microbiol.** 29:869-873.
34. Nadel, S., P.A. Offit, R. Hodinka, R. Gesser, and L.M. Bell. 1992. Upper airway obstruction in perinatally-acquired herpes simplex virus infection. **J. Pediatr.** 120:127-129.
35. Offit, P.A., E.J. Hoffenberg, E.S. Pia, P.A. Panackal, and N.L. Hill. 1992. Rotavirus-specific helper T cell response in newborns, infants, children, and adults. **J. Infect. Dis.** 165:1107-1111.
36. Ammari, L.K., P.A. Offit, A.B. Campbell. 1992. Unusual presentation of group B streptococcus osteomyelitis. **Pediatr. Infect. Dis. J.** 11:1066-1067.
37. Offit, P.A., E.J. Hoffenberg, N. Santos, and V. Gouvea. 1993. Rotavirus-specific humoral and cellular immune response after primary, symptomatic infection. **J. Infect. Dis.** 167:1436-1440.
38. Christy, C., P.A. Offit, H.F. Clark, and J. Treanor. 1993. Evaluation of a bovine-human rotavirus reassortant vaccine in infants. **J. Infect. Dis.** 168:1598-1599.
39. Offit, P.A., B.E.H. Coupar, Y. M. Svoboda, R.J. Jenkins, M.A. McCrae, A. Abraham, N.L. Hill, D.B. Boyle, and G.W. Both. 1994. Induction of rotavirus-specific cytotoxic T lymphocytes by vaccinia virus recombinants expressing individual rotavirus genes. **Virology** 198:10-16.
40. Santos, N., Riepenhoff-Talty, M., Clark, H.F., Offit, P, and Gouvea, V. 1994. Vp4 genotyping of human rotavirus in the USA. **J. Clin. Microbiol.** 32:205-208.
41. Offit, P.A., Khoury, C.A., Moser, C.H., Clark, HF., and Speaker T.J. 1994. Enhancement of rotavirus immunogenicity by microencapsulation. **Virology** 203:134-143.
42. Khoury, C.A., Brown, K., Kim, J., and Offit, P.A.. 1994. Rotavirus-specific intestinal immune response in mice assessed by enzyme-linked immunospot assay and intestinal fragment culture. **Clin. Diag. Lab. Immunol.** 1:722-728.

43. Treanor, J.J., Clark, H.F., Pichichero, M., Christy, C., Gouvea, V., Shrager, D., Pallazo, S., and Offit, P.A. 1995. Evaluation of the protective efficacy of a serotype 1 bovine-human rotavirus reassortant vaccine in infants. **Pediatr. Infect. Dis. J.** 14:301-307.
44. Brown, K.A., Moser, C.A., Khoury, C.A., Kim, J.E., and P.A. Offit. 1995. Enhancement by microencapsulation of rotavirus-specific intestinal immune responses in mice assessed by enzyme-linked immunospot assay and intestinal fragment culture. **J. Infect. Dis.** 171:1334-1338.
45. Khoury, C.A., Moser, C.A., Speaker, T.J., and Offit, P.A. 1995. Oral inoculation of mice with low doses of microencapsulated, noninfectious rotavirus induces virus-specific antibodies in gut-associated lymphoid tissue. **J. Infect. Dis.** 172: 870-874.
46. Coffin, S.E., Klinek, M., and Offit, P.A. 1995. Induction of virus-specific antibody production by lamina propria lymphocytes following intramuscular inoculation with rotavirus. **J. Infect. Dis.** 172: 874-878.
47. Moser, C.A., Speaker, T.J., Berlin, J.A., and Offit, P.A. 1996. Aqueous-based microencapsulation enhances rotavirus-specific humoral immune responses after parenteral inoculation of mice. **Vaccine** 14:1235-1238.
48. Lomotan, E.A., Brown, K.A., Speaker, T.J., and Offit, P.A. 1997. Aqueous-based microcapsules are detected primarily in gut-associated dendritic cells after oral inoculation of mice. **Vaccine** 15:1959-1962.
49. Moser, C.A., Speaker, T.J., and Offit, P.A. 1997. Effect of microencapsulation on immunogenicity of a bovine herpes virus glycoprotein and inactivated influenza virus in mice. **Vaccine** 15: 1767-1772.
50. Coffin, S.E., Moser, C.A., Cohen, S., Clark, H.F., and Offit, P.A. 1997. Immunologic correlates of protection against challenge after intramuscular immunization of mice with rotavirus. **J. Virol.** 71:7851-7856.
51. Moser, C.A., Coffin, S.E., Cookinham, S., and Offit, P.A. 1998. Relative importance of rotavirus-specific effector and memory B cell responses in protection against challenge. **J. Virol.** 72:1108-1114.
52. Brown, K.A. and Offit, P.A. 1998. Rotavirus-specific proteins are detected in murine macrophages in both intestinal and extraintestinal lymphoid tissue. **Microbial Pathogen.** 24:327-331.
53. Coffin, S.E., and Offit, P.A. 1998. Induction of rotavirus-specific memory B cells in gut-associated lymphoid tissue after intramuscular immunization. **J. Virol.** 72:3479-3483.

54. Moser, C.A., Speaker, T.J., and Offit, P.A. 1998. Effect of water-based microencapsulation on protection against EDIM rotavirus challenge in mice. **J. Virol.** 72:3859-3862.
55. Coffin, S.E., Clark, S.A., Bos, N.A., Brubaker, J.O., and Offit, P.A. 1999. Migration of antigen-presenting B cells from peripheral to mucosal lymphoid tissues may induce intestinal antigen-specific IgA following parenteral immunization. **J. Immunol.** 163:3064-3070.
56. Coffin, S.E., Moser, C.A., Cohen, S., Speaker, T.J., and Offit, P.A. 1999. Viral microencapsulation delays protection after intramuscular inoculation of mice with rotavirus. **Drug Delivery** 6:253-257.
57. Brubaker, J., R. Patel, T.J. Speaker, and P.A. Offit. 2000. A quantitative luminescence assay for measuring cell uptake of aqueous-based microcapsules *in vitro*. **J. Immunol. Methods** 237:85-93.
58. Macartney, K.M., D. Baumgart, S.R. Carding, J.O. Brubaker, and P.A. Offit. 2000. Primary murine small intestinal epithelial cells, maintained in long-term culture, are susceptible to rotavirus infection. **J. Virol.** 74:5597-5603.
59. Brown, K.A., J.A. Kriss, C.A. Moser, W.J. Wenner, and P.A. Offit. 2000. Circulating rotavirus-specific antibody-secreting cells (ASC) predict the presence of rotavirus-specific ASC in the human small intestinal lamina propria. **J. Infect. Dis.** 182:1039-1043.
60. Offit, P.A. 2000. Preventing harm from thimerosal in vaccines (correspondance). **JAMA** 283:2104.
61. Moser, C.A., D.V. Dolfi, M.L. DiVietro, P.A. Offit, and H F. Clark. 2001. Hypertrophy, hyperplasia, and infectious virus in gut-associated lymphoid tissue of mice after oral inoculation with simian-human or bovine-human reassortant rotaviruses. **J. Infect. Dis.** 183:1108-1111.
62. Kushnir, N., N.A. Bos, A.W. Zuercher, S.E. Coffin, C.A. Moser, P.A. Offit, and J.J. Cebra. 2001. B2 but not B1 B cells can contribute to CD4+ T cell-mediated clearance of rotavirus in SCID mice. **J. Virol.** 75:5482-5490.
63. Clark, HF, D. Lawley, D. Shrager, D. Jean-Guillaume, P.A. Offit, J. Eiden, and A.R. Shaw. 2001. Immune response of infants to bovine human rotavirus serotype G1 reassortant WI79-9: the dose response pattern to virus surface protein vp7 differs from that to vp4. **Vaccine** [in press].
64. Moser, C.A. and P.A. Offit. 2001. Distribution of rotavirus-specific memory B cells in gut-associated lymphoid tissue after primary immunization. **J. Gen. Virol.** 82:2271-2274.

65. Brubaker, J.O., K.K. Macartney, T.J. Speaker, and P.A. Offit. 2002. Specific attachment of covalently modified aqueous-based microcapsules to macrophages, B cells, and dendritic cells. **J. Microencapsulation** 19:213-223.
66. Offit, P.A., Quarles, J., Gerber, M.A., Hackett, C.J., Marcuse, E.K., Kollman, T.R., Gellin, B.G., and Landry, S. 2002. Addressing parents' concerns: Do multiple vaccines overwhelm or weaken the infant's immune system? **Pediatrics** 109:124-129.
67. Offit, P.A., Gerber, M.A., Hackett, C., Marcuse, E., and Gellin, B. 2002. Too many vaccines? (correspondence). **Pediatrics** 110:649.
68. Offit, P.A. and Hackett, C.J. 2003. Addressing parents' concerns: Do vaccines cause allergic or autoimmune diseases? **Pediatrics** 111:653-659.
69. Chow, A.A., Moser C.A., Speaker, T.J., and Offit, P.A. 2003. Determination of efficiency of attachment of biotinylated antibodies to avidin-linked, aqueous-based microcapsules by flow cytometry. **J. Immunol. Methods** 2003;277:135-139.
70. Offit, P.A., Jew, R.K. 2003. Addressing parents' concerns: Do vaccines contain harmful preservatives, adjuvants, additives, or residuals? **Pediatrics** 112:1394-1401.
71. Offit, P.A. and Coffin, S.E. 2003. Communicating science to the public: MMR vaccine and autism. **Vaccine** 22:1-6.
72. Offit, P.A. and Peter G. 2003. The meningococcal vaccine: public policy and individual choices. **N. Engl. J. Med.** 349:2353-2356; Offit, P.A., Peter, G. Choices about meningococcal vaccine. [correspondence] **N. Engl. J. Med.** 2004;350:1156.
73. Clark HF, Burke CJ, Volkin DV, Offit, P, Ward RL, Breese JS, Dennehy P, Gooch WM, Malacaman E, Matson D, Walter E, Watson B, Krah DL, Dallas MJ, Schödel F, Kaplan KM, Heaton P. 2003. Safety, immunogenicity and efficacy in healthy infants of G1 and G2 human reassortant rotavirus vaccine in a new stabilizer/buffer liquid formulation. **Pediatr. Infect. Dis. J.** 22:914-920.
74. Clark HF, Lawley D, Shrager D, Jean-Guillaume D, Offit P, Eiden JJ, Bennett PS, Kaplan, KM, Shaw A. 2004. Infant immune response to human rotavirus serotype G1 vaccine candidate reassortant WI79-9: Different dose response patterns to virus surface proteins vp7 and vp4. **Pediatr. Infect. Dis. J.** 23:206-211.
75. Clark HF, Bernstein DI, Dennehy P, Offit P, Pichichero M, Treanor J, Ward RL, Krah DL, Shaw A, Dallas MJ, Eiden JJ, Ivanoff N, Kaplan KM, Heaton P. 2004. Safety, efficacy, and immunogenicity of a live, quadrivalent human-bovine reassortant rotavirus vaccine in healthy infants. **J. Pediatr.** 144:184-190.
76. Offit, P.A. 2005. Why are pharmaceutical companies gradually abandoning vaccines? **Health Affairs Journal**, 24:622-630.

77. Offit, P.A. 2005. The Cutter Incident, 50 years later. **N. Engl. J. Med.** 352:1411-1412.
78. Vesikari T, Matson DO, Dennehy P, Van Damme P, Santosham M, Rodriguez Z, Dallas MJ, Heyse JF, Gouveia MG, Black SB, Shinefield HR, Christie C, Ylitalo S, Itzler RF, Coia ML, Onorato MT, Adeyi BA, Marshall GS, Gothefors L, Campens D, Karvonen A, Watt JP, O'Brien KL, DiNubile MJ, Clark HF, Boslego JW, Offit PA, Heaton PM. 2006. Safety and efficacy of pentavalent human-bovine (WC3) reassortant rotavirus vaccine in preventing rotavirus gastroenteritis and associated healthcare contacts. **N. Engl. J. Med** 354:13-23.
79. Vesikari T, Clark HF, Offit PA, Dallas MJ, DiStefano DJ, Goveia MG, Ward RL, Schödel F, Karvonen A, DiNubile MJ, Heaton PM. 2006. Effects of potency and composition of the multivalent human-bovine (WC3) reassortant rotavirus vaccine on efficacy, safety and immunogenicity in healthy infants. **Vaccine** 24:4821-4829.
80. Feemster KA, Prasad P., Smith MJ, Feudtner C, Caplan A, Offit PA, Coffin SE. 2011. Health care worker support of an influenza vaccine mandate at a large pediatric tertiary care hospital. **Vaccine** 29: 1762-1769.

Editorials, Reviews, Chapters:

1. Offit, P.A., and S.A. Plotkin. 1981. The rubella vaccine. **Clin. Microbiol Newsletter** 3: 130-131.
2. Offit, P.A., and D. Rubin. 1982. Viral diseases: infections of the gastrointestinal tract. **Comprehensive Therapy** 8: 21-26.
3. Greenberg, H.B., P.A. Offit, C. Tran, A. Kapikian, W. Robinson, R. Shaw, R. Gaeta, and R. Bellamy. 1985. Vaccine strategies for the prevention of rotavirus diarrhea. pp. 447-455. In: S. Tzipori (ed.), **Infectious diarrhea in the young: strategies for control in humans and animals.** Elsevier Science Publishers, Amsterdam, The Netherlands.
4. Greenberg, H.B., and P.A. Offit. 1986. Gene coding assignments for rotavirus surface proteins. pp. 221-225. In: **Development of Vaccines and Drugs against Diarrheal Diseases,** Studentlitteratur, Lund, Sweden.
5. Offit, P.A., G. Blavat, H.F. Clark, R. Shaw, and H.B. Greenberg. 1986. Role of gene segments 4 and 9 in determining rotavirus virulence and protection against rotavirus challenge. pp. 267-273, In: R.M. Chanock and R.M. Lerner (eds.): **Vaccines '86: New Approaches to Immunization.**
6. Greenberg, H.B., P.A. Offit, and R.D. Shaw. 1988. Neutralization of rotaviruses in vitro and in vivo: molecular determinants of protection and role of local immunity. pp. 319-

- 330, In: W. Strober, M.E. Lamm, J.R. McGhee, and S.P. James (eds.): **Mucosal Immunity and Infections at Mucosal Surfaces.**
7. Offit, P.A. 1991. Viral gastroenteritis. In: A.M. Rudolph and J.I.E. Hoffman (eds.): **Rudolph's Pediatrics**, 19th Edition, Appleton and Lange, 1991: 670-671.
 8. Offit, P.A. 1993. Rotavirus. In: F.D. Burg, J.R. Ingelfinger, and E.R. Wald (eds.): Gellis and Kagan's **Current Pediatric Therapy**, pages 652-653. 14th Edition, W.B. Saunders.
 9. Greenberg H.B., H.F. Clark, and P.A. Offit. 1994. Rotavirus pathology and pathophysiology. **Current Topics in Microbiology and Immunology**, 1993;255-283, Springer-Verlag Publishers, Berlin, West Germany.
 10. Offit, P.A. 1994. Immunologic determinants of protection against rotavirus challenge. **Current Topics in Microbiology and Immunology**, 1993;185:229-254, Springer-Verlag Publishers, Berlin, West Germany.
 11. Clark, H F., and P.A. Offit. 1994. Rotavirus vaccines. pp. 809-822. In: S.A. Plotkin and E.A. Mortimer, Jr. (eds): **Vaccines**, 2nd Edition, W.B. Saunders.
 12. Offit, P.A. 1994. Virus-specific cellular immune response to intestinal infection. pp. 89-100. In: D.A.J. Tyrell and A.Z. Kapikian (eds.): **Virus infections of the gastrointestinal tract**, 2nd Edition, Marcel Dekker, Inc.
 13. Offit, P.A. 1994. Rotaviruses: immunological determinants of protection against infection and disease. **Advances in Virus Research** 44: 161-202.
 14. Offit, P.A., and Clark, HF. 1994. Rotaviruses. In: Mandell, G.L., Bennett, J.E., and Dolin, R. (eds.). **Principles and Practice of Infectious Diseases**, pp. 1448-1455. 4th Edition, Churchill Livingstone.
 15. Offit, P.A. and Clark, H.F. 1995. Vaccines for enteric viral pathogens. pp. 1471-8, In: Blaser, M.J., Smith, P.D., Ravdin, J.I., Greenberg, H.B., and Guerrant, R.L. (eds.). **Infections of the Gastrointestinal Tract**. Raven Press, New York, N.Y.
 16. Offit, P.A. Viral gastroenteritis. 1996. In: A.M. Rudolph, J.I.E. Hoffman, and C.D. Rudolph (eds.): **Rudolph's Pediatrics**, 20th Edition, Appleton and Lange, pp. 642-643.
 17. Conner, M.E., Estes, M.K., Offit, P.A., Clark, HF., Franco, M., Feng, N., and Greenberg, H.B. 1996. Development of a mucosal rotavirus vaccine. In: H. Kiyono, P.L. Ogra, and J.R. McGhee (eds.): **Mucosal Vaccines: New Trends in Immunization**, Academic Press, pp. 325-344.
 18. Offit, P.A. 1996. Host factors associated with protection against rotavirus disease: the skies are clearing. **J. Infect. Dis.** 174 (Suppl 1): S59-64.

19. Clark, HF., Offit, P.A., Ellis, R.W., Eiden, J.J., Krah, D., Shaw, A.R., Pichichero, M., Treanor, J.J., Borian, F.E., Bell, L.M., and Plotkin, S.A. 1996. The development of multivalent bovine rotavirus (strain WC3) reassortant vaccine for infants. **J. Infect. Dis.** 174 (Suppl 1): S73-80.
20. Clark, HF., Offit, P.A., Ellis, R.W., Krah, D., Shaw, A.R., Eiden, J.J., Pichichero, M., and Treanor, J.J. 1996. WC3 reassortant vaccines in children: brief review. **Arch. Virol.** [Suppl] 12: 187-198..
21. Offit, P.A., Kapikian, A.Z., and Clark, HF. 1997. Vaccines against rotavirus. In: M.M. Levine, G.C. Woodrow, J.B. Kaper, and G.S. Cobon (eds.): **New Generation Vaccines**, Marcel Dekker, Inc., New York, NY, pages 659-671.
22. Coffin, S.E., and P.A. Offit. 1997. New vaccines against mucosal pathogens: rotavirus and respiratory syncytial virus. **Adv. Pediatr. Infect. Dis.** 13: 333-348.
23. Offit, P.A. 1998. Rotavirus, In: F.D. Burg, J.R. Ingelfinger, and E.R. Wald, R.A. Polin (eds.): Gellis and Kagan's **Current Pediatric Therapy**, pages 132-133, 14th Edition, W.B. Saunders.
24. Offit, P.A., and H.F. Clark. 1998. The rotavirus vaccine. **Current Opinion in Pediatrics**, Lippincott, Williams and Wilkins, Philadelphia, Pennsylvania 11:9-13.
25. Offit, P.A. The rotavirus vaccine. 1998. **Journal of Clinical Virology** 11:155-159, 1998.
26. Clark, H F., R.I. Glass, and P.A. Offit. 1999. Rotavirus vaccines. In: S.A. Plotkin and W. Orenstein (eds): **Vaccines**, pages 987-1005, 3rd Edition, W.B. Saunders.
27. Offit, P.A., and H F. Clark. 1999. Rotavirus vaccines, pp. 171-195. In: Ellis, R. (ed.): **Combination Vaccines**, 1st Edition, Humana Press, Totowa, New Jersey.
28. Macartney, K.K., and P.A. Offit. 2000. Immunologic methods and correlates of protection, In: Gray, J., and Desselberger, U. (eds.): **Methods in Molecular Medicine: Rotaviruses**, Humana Press Inc., Totowa, New Jersey [in press].
29. Offit, P.A. 2000. Withdrawal of rotavirus vaccine in the USA. **Vaccines: Children and Practice** 3:2-3.
30. Offit, P.A. 2001. Correlates of protection against rotavirus infection and disease. In Gastroenteritis viruses. **Novartis Foundation Symposium** 238, pp. 106-124, Wiley, Chichester.
31. Macartney, K.K., and P.A. Offit. How vaccine safety is monitored before and after licensure. **Pediatric Annals** 2001;30:392-399.

32. Offit, P.A. 2002. The future of rotavirus vaccines. **Sem Pediatr Infect Dis** 2002;13: 190-195.
33. Offit, PA, HF Clark, and RL Ward. Current state of development of human rotavirus vaccines. In: U. Desselberger and J. Gray (eds.): **Viral Gastroenteritis**, 2003; pp. 345-356, Elsevier Science BV, Amsterdam, The Netherlands.
34. Clark, H F., P.A. Offit, R.I. Glass, and RM Ward. Rotavirus vaccines. In: S.A.Plotkin and W. Orenstein (eds): **Vaccines**, 2003; pp. 1327-1345, 4th Edition, W.B. Saunders.
35. Offit P.A., and C.J. Hackett. Multiple vaccines and the immune system. In: S.A.Plotkin and W. Orenstein (eds): **Vaccines**, 2003, pp. 1583-1589, 4th Edition, W.B. Saunders.
36. Offit, P.A. 2003. Commentary: Let's get parents truly "fully informed" about vaccines. **Contemp. Pediatr.** 12-16.
37. Offit, P.A. 2003. The power of 'box a'. **Expert Rev Vaccines** 2003;2:1-3.
38. Offit, P.A. "When Judges Play Doctor," **The Wall Street Journal**, February 9, 2004.
39. Ward RL, HF Clark, PA Offit, and RI Glass. 2004. Live vaccine strategies to prevent rotavirus disease. In: M.M. Levine, J.B. Kaper, R. Rappuoli, M. Liu, and M.F. Good (eds.): **New Generation Vaccines**, pp. 607-620. Marcel Dekker, Inc., New York, NY.
40. Offit, P.A. Back to the future. **Expert Rev Vaccines** 2004;3:89-90.
41. Offit, P.A., Golden, J. Thimerosal and autism. **Mol Psychiatry** 2004;9:644.
42. Clark HF, and P.A. Offit. Vaccine for rotavirus gastroenteritis universally needed for infants. **Pediatr Ann** 2004;33:536-543.
43. Offit, P.A., and G. Peter. Meningococcal conjugate vaccine in the UK: An update. **Lancet** 2004;364:309-310.
44. Offit, P.A. "The Needless Worry Over Influenza Vaccine," **The Wall Street Journal**, September 14, 2004.
45. McMillan, J.A., Abramson, J.S., Katz, S.L., and Offit, P.A. Reducing the risk of pediatric influenza: Prevention strategies help both the young and old. **Contemporary Pediatrics** [in press]

46. Heaton, P.M., Goveia, M., Miller, J.M., Offit, P.A., Clark, H.F. Development of pentavalent rotavirus vaccine against prevalent serotypes of rotavirus gastroenteritis. **J. Infect. Dis.** 2005;192:S17-21.
47. Offit, P.A. “Lawsuits Won’t Stop Pandemics,” **The Wall Street Journal**, December 1, 2005.
48. Offit, P.A., Clark HF. A multivalent bovine-human reassortant rotavirus vaccine (RotaTeq). **Pediatr Annals** 2006; 35: 29-34.
49. H.F. Clark, Offit, P.A., Plotkin, S.A., and Heaton, P.M. The new pentavalent rotavirus vaccine composed of bovine (strain WC3)-human rotavirus reassortants. **Pediatr Infect Dis J** 2006; 25:577-583.
50. Offit, P.A. “Fatal Exemption,” **The Wall Street Journal**, January 20, 2007.
51. Offit, P.A. “Risks of Being Risk Averse,” **The Philadelphia Inquirer**, July 12, 2007.
52. Offit, P.A. “Dr. Advertising,” **The New York Times**, July 12, 2007.
53. Offit, P.A. “Thimerosal and Vaccines—A Cautionary Tale,” **New England Journal of Medicine** 2007;357:1278-9.
54. Offit, P.A. “Inoculated against Facts,” **The New York Times**, March 31, 2008.
55. Offit, P.A. Vaccines. 2008. In: J. M. Bergelson, S. S. Shah, and T. E. Zaoutis (eds.): **Pediatric Infectious Diseases**, pp. 373-384. Mosby Elsevier, Philadelphia, PA
56. Offit, P.A. Vaccines and Autism Revisited: The Hannah Poling Case, **New England Journal of Medicine** 2008;358:2089-91; Offit, P.A. [Letter] **New England Journal of Medicine** 2008;359:656.
57. Offit, P.A. New Book about Vaccine Safety, **Pediatrics** 2008: 122: 871-872.
58. Offit, P.A., Moser C.A. The Problem with Dr. Bob’s Alternative Vaccine Schedule, **Pediatrics** 2009;123:e164-e169.
59. Gerber, J. Offit, P.A. Vaccines and autism: a tale of shifting hypotheses, **Clinical Infectious Diseases** 2009;48:456-461
60. Offit, P. A. “Nothing to Fear but the Flu Itself,” **The New York Times**, October 12, 2009.
61. Offit, P. A. “The MMR Vaccine Scare: How Bad Science Caused Suffering and Death,” **Philadelphia Inquirer**, February 14, 2010.

62. Ward, R. L., H F. Clark, P. A. Offit. Influence of Potential Protective Mechanisms on the Development of Live Rotavirus Vaccines, **Journal of Infectious Diseases** 2010;202:S72-S79.
63. Offit, P. A. “Junk Science Is Not a Victimless Crime,” **The Wall Street Journal**, January 11, 2011.
64. Offit, P. A., H F. Clark. Rotavirus Vaccines Part II: Raising the Bar for Vaccine Safety, in **History of Vaccine Development**, S. A. Plotkin (ed.), New York: Springer, 2011.
65. Offit, P. A. “Michele Bachmann’s HPV Hogwash,” **New York Daily News**, September 15, 2011.
66. Offit, P. A. “Fear of Vaccines,” In: CDC Health Information for International Travel: **The Yellow Book 2012**, G. W. Brunette (ed.), Oxford: Oxford University Press, 2012.
67. Offit, P. A. “A Look at Complementary and Alternative Medicine,” **Infectious Diseases in Children**, 2012;25:3.
68. Offit, P. A. “Studying Complementary and Alternative Medicine,” **JAMA** 2012; 307:1803-1804.
69. Offit, P. A. “Should Childhood Vaccination Be Mandatory? Yes,” **BMJ** 2012;344:e2434.
70. Plotkin, S. A., P. A. Offit, F. Murphy. In Memoriam: Dr. H Fred Clark (1937-2012), **Hum Vaccin Immunother** 2012: 1:8.
71. Offit, P.A. “No Religious Exemptions,” **Philadelphia Inquirer**, May 9, 2013.
72. Offit, P. A., Polio revisited, **Lancet** 2013; 381:1805-1806.
73. Offit, P. A., “Don’t Take Your Vitamins,” **The New York Times Sunday Review**, June 9, 2013.
74. Offit, P. A., “Fear of Vaccines,” In: **CDC: Health Information for the International Traveler: The Yellow Book, 2014**. G. W. Brunette (ed.) Oxford: Oxford University Press, 2014.
75. Offit, P. A., S. Erush, “Skip the Supplements,” **The New York Times Sunday Review**, December 15, 2013.
76. Offit, P. A., “The Great Vitamin Scam,” **The Daily Beast**, December 21, 2013.
77. Feemster, K. A., P. A. Offit, “‘Compassionate Use’ for Public Health,” **Annals of Internal Medicine** December 24, 2013, doi: 10.7326/M13-2927.

78. Offit, P. A., “Remembering How to Fight Measles,” **The New York Times**, March 28, 2014.
79. Offit, P. A., “Let’s Not Talk About Sex,” **The New York Times**, August 20, 2014.
80. Offit, P. A., “The Anti-Vaccination Epidemic,” **The Wall Street Journal**, September 25, 2014.
81. Offit, P. A., “What Would Jesus Do About Measles?” **The New York Times**, February 10, 2015.
82. Offit, P. A., Vaccine exemptions: When do individual rights trump societal good? **Journal of the Pediatric Infectious Diseases Society** 2015; 4: 89-90.
83. Offit, P.A., Vaccines and autism in a primate model, **PNAS USA** 2015; 112:12236-12237.

Books

1. Offit, P.A., and L.M. Bell. 1998. What Every Parent Should Know about Vaccines. **Macmillan Press**, New York, N.Y.
2. Offit, P.A., Fass-Offit, B., and Bell, L.M. 1999. Breaking the Antibiotic Habit: A Parent’s Guide to Coughs, Colds, Ear Infections, and Sore Throats. **John Wiley & Sons**, New York, N.Y.
3. Offit, P.A., and L.M. Bell. 1999. Vaccines: What Every Parent Should Know. 2nd edition, **Hungry Minds**, New York, N.Y.
4. Offit, P.A., and L.M. Bell. 2003. Vaccines: What You Should Know. 3rd edition. **John Wiley & Sons**, New York, N.Y.
5. Marshall, GS, Dennehy PH, Greenberg DP, Offit PA, Tan TQ. 2004. The Vaccine Handbook: A Practical Guide for the Clinician, **Lippincott Williams & Wilkens**, Philadelphia, PA.
6. Offit, P.A. 2005. The Cutter Incident: How America’s First Polio Vaccine Led to a Growing Vaccine Crisis. **Yale University Press**, New Haven, CT
7. Offit, P.A. 2007. Vaccinated: One Man’s Quest to Defeat the World’s Deadliest Diseases. **Smithsonian Books**, New York, N.Y.
8. Offit, P.A. 2008. Autism’s False Prophets: Bad Science, Risky Medicine, and the Search for a Cure. **Columbia University Press**, New York, N.Y.

9. Plotkin, S.A., Orenstein, W.A., Offit, P.A. (eds.). 2008. Vaccines. **Saunders/Elsevier. London**, UK.
10. Offit, P.A., Moser, C.A. 2011. Vaccines and Your Child: Separating Fact from Fiction. **Columbia University Press**, New York, N.Y.
11. Offit, P.A. 2011. Deadly Choices: How the Anti-Vaccine Movement Threatens Us All. **Basic Books**, New York, N.Y.
12. Plotkin, S.A., Orenstein, W.A., Offit, P.A. (eds.). 2012. Vaccines. **Saunders/Elsevier. London**, UK.
13. Offit, P.A., 2013. Do You Believe in Magic? The Sense and Nonsense of Alternative Medicine. **HarperCollins**, New York, N.Y.
14. Offit, P. A., 2013. Killing Us Softly: The Sense and Nonsense of Alternative Medicine. **HarperCollins UK**, London, England.
15. Offit, P. A., 2015. Bad Faith: When Religious Belief Undermines Modern Medicine. **Basic Books**, New York, N.Y. (in press)

Educational Materials

Informational Tear Sheet titled “The Facts about Childhood Vaccines”

Videotape titled “Vaccines: Separating Fact from Fear”

Videotape titled "Vaccines and your baby"

Booklet titled "Vaccines and your baby"

Web site (vaccine.chop.edu) of the Vaccine Education Center at the Children’s Hospital of Philadelphia.

Informational Tear Sheet titled “Influenza: What You Should Know.”

Informational Tear Sheet titled “Meningococcus: What You Should Know.”

Informational Tear Sheet titled “Rotavirus: What You Should Know.”

Informational Tear Sheet titled “Hepatitis A: What You Should Know.”

Informational Tear Sheet titled “Thimerosal: What You Should Know.”

Informational Tear Sheet titled “Pandemic Flu: What You Should Know.”

Informational Tear Sheet titled “Shingles: What You Should Know.”

Patents

Clark, HF., Offit, P., Plotkin, S.A. **Rotavirus reassortant vaccine**. United States Patent #5,626,851. Issued May 6, 1998.

Speaker, T.J., Clark, H.F., Moser, C.A., Offit, P.A., Campos, M., Frenchick, P.J. **Aqueous-based encapsulation of a bovine herpes virus type-1 subunit vaccine**. United States Patent #6,270,800. Issued August 7, 2001.

Clark HF, Speaker, T.J., Offit, P.A. **Aqueous solvent encapsulation method, apparatus and microcapsules**. United States Patent number 6,531,156. Issued March 11, 2003.