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**Curriculum Vitae  
(Short form)**

**Marian Cecilia Johnson-Thompson, BS, MS, PhD**  
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**I. Education:**

PhD Molecular Virology, Georgetown University Medical School, Washington, DC  
MS, Microbiology, Howard University, Washington, DC  
BS, Microbiology, Howard University, Washington, DC

**Areas of Interest:**

- Environmental health research policy background in breast cancer with emphasis on community public health needs and the needs of underserved populations to include advancing participation of minorities and women in the sciences
- Scientific administration, workforce diversity and human subjects research issues
- Academic teaching, administration and biomedical research

**II. Professional Experience:**

- Professor *Emerita*, Department of Biological and Environmental Sciences, University of the District of Columbia, Washington, DC (1971 –1995, conferred emerita 2005).
- Adjunct Professor, Department of Maternal and Child Health, School of Public Health, University of North Carolina at Chapel Hill, 2001 – present.
- Director, Education and Biomedical Research Development, National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), Research Triangle Park, NC, 1997 – 2008 (Retired September 30, 2008).
- Director, Office of Institutional Diversity, NIEHS, NIH, January 1996 – February 1997.
- Director, Office of Institutional Development, NIEHS, NIH, Research Triangle Park, NC, 1992 – 1996.
- Professor, Department of Biological and Environmental Sciences, University of the District of Columbia, Washington, DC, 1971 – 1992 (Professor as of 1983).
- Coordinator, Microbiology Option, Department of Biological and Environmental Sciences, 1983 – 1992.  
Adjunct Professor, Department of Pharmacology, Georgetown University, Washington, DC, 1991 – 1992.

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- Visiting Scientist, Laboratory of Biological Chemistry, National Cancer Institute, NIH, Bethesda, MD, 1989 – 1991.  
Molecular Virologist (IPA, Intergovernmental Personnel Agreement), Laboratory of Biological Chemistry, Division of Cancer Treatment, National Cancer Institute, NIH, Bethesda, MD, 1988 – 1989.
- Adjunct Professor, Department of Botany, College of Liberal Arts, Howard University, Washington, DC, January – May 1980.
- Consultant, (National Science Foundation Faculty Research Participant), Space Sciences Division, General Electric Company, Valley Forge, PA, June – August 1975.
- Visiting Scientist (Nuclear Regulatory Commission – funded, then Atomic Energy Commission), Biomedical Summer Institute, Lawrence Livermore Radiation Laboratory, University of California, Livermore, CA, June – August 1973.
- Faculty Participant (National Aeronautics and Space Administration - funded), Second NASA / Morgan Faculty Summer Research Program, Goddard Space Flight Center, Greenbelt, MD, June – August 1972.
- Research Analyst, Office of International Health, Office of the Secretary, Department of HHS, Washington, DC, June – August 1971.
- Laboratory Instructor (Graduate Assistantship), Department of Botany, Graduate School, Howard University, Washington, DC, 1970 – 1971.
- Research Assistant, Department of Biochemistry, College of Medicine, Howard University, Washington, DC, 1969 – 1970.

### III. **Advisory Board Memberships:**

- Chair, NC Environmental Defense Fund Advisory Board, 9/22 – present.
- Member, Community Advisory Board, Lineberger Cancer Center, UNC-Chapel Hill, 2019 – present.
- SPORE Advocate, UNC Lineberger Cancer Center's SPORE Grant, 2019 – present
- Member, NC Institute of Medicine, Healthy NC 2030 – Physical Environment Work Group, 2019 – 2020.
- Vice Chair, NC Department of Environmental Quality – The Secretary's Environmental Justice and Equity Advisory Board (Governor Roy Cooper's Administration), 2018 – present.
- Susan G. Komen Scholar, 2018-2021.
- Member, Advocates in Science Steering Committee, Susan G. Komen, 2018-2021.
- Member, Environmental Health Science Task Force, National Medical Association, 2017-2018.
- Member, Advocacy Advisory Task Force, Susan G. Komen, 2014 – 2016.
- Member, Advocates in Science, Susan G. Komen, 2012 – present.

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- Member, Howard University Board of Trustees (BOT), Washington, DC, 2012 – 2019; Co-Chair Academic Excellence Committee 2016-2019.
- Member, External Advisory Board for the Rutgers University's National Science Foundation Advance Institutional Transformation Grant, Rutgers University Fair, 2010 – 2014.
- Board Member, African Organization for Research and Training in Cancer, Cape Town, South Africa, 2009 – 2013.
- NIEHS Institutional Review Board (IRB), 1994–2008. Chairperson 2000-2008
- Member, NIH Human Subjects Research Advisory Committee, 1994 – 2008.
- Board of Directors, Research Triangle Science and Mathematics Partnership, 1994 – 1996.
- Member, Genetic Science Task Force, General Board of Church and Society, United Methodist Church, 1996 – present (previously 1989 – 1991).
- Member, North Carolina Association of Biomedical Research Advisory Board, 1996 – 2000.
- Member, Advisory Board, North Carolina Central University Institute for the Study of Minority Issues, 1997 – 2000.
- Member, Duke University NIH Minority International Research (MIRT) External Advisory Committee, 1997 – 1999.
- Member, Durham Environmental Affairs Board (Public Health Position), 1998 – 2003. Board Member, Durham Public Education Network, 1999 – 2005.
- Board Member, African American National Advisory Committee, Susan G. Komen Breast Cancer Foundation, 2000 – 2004.
- Foundation Board Member, NC School of Science and Math, Durham, NC., 2000 – 2003
- Member, Committee on Equal Opportunities in Science and Engineering (CEOSE), National Science Foundation, 2001 – 2003.
- Member, Environmental Health and Bioterrorism Task Force, National Medical Association 2001 – 2003.
- Member, Environmental Risk and Impact in Communities of Color and Economically Disadvantaged Communities Advisory Board, North Carolina Central University, Durham, NC, 2001 – 2005.
- Member, Science and Everyday Experiences (SEE) Advisory Board (NSF Funded K-12 Initiative), Delta Research and Educational Foundation and American Association for the Advancement of Science, Washington, DC, 2001 – 2007; Co- Chairperson 2005-2007.
- Member, Advisory Committee, Student Science Enrichment Program, Burroughs Wellcome Fund, Research Triangle Park, NC. 2002 – 2007; Chairperson 2006-2007.
- Member, Board of Visitors, College of Arts and Sciences, Howard University, 2002 – 2007.
- Trustee, NC Environmental Defense Fund, 2004 – present, Secretary-Treasurer, 2019

- - Member, National Institute of Science Advisory Board, 2006 – 2010.
  - Member, Board of Directors, Susan G. Komen for the Cure, Triangle Affiliate, Raleigh, NC, 2009 – 2013; Chair, Grants Committee, NC, 2009 – 2013.
  - Member, External Advisory Board, Center for Research on Minority Health, MD Anderson Cancer Center, University of Texas, Houston, Texas. 2009 – 2012.
  - Board Member, African Organization for Research and Training in Cancer, Cape Town, South Africa, 2009 – 2013.
  - Member, External Advisory Board for the Rutgers University's National Science Foundation Advance Institutional Transformation Grant, Rutgers University Fair, 2010 – 2014.
  - Member, Advocates in Science, Susan G. Komen, 2012 – present.
  - Member, Howard University Board of Trustees (BOT), Washington, DC, 2012 – present; Co-Chair Academic Excellence Committee 2016-present.
  - Member, Advocacy Advisory Task Force, Susan G. Komen, 2014 – 2016.
  - Member, Environmental Health Science Task Force, National Medical Association, 2017-2018.
  - Vice Chair, NC Department of Environmental Quality – The Secretary's Environmental Justice and Equity Advisory Board (Governor Roy Cooper's Administration), 2018 – present.
  - Member, Advocates in Science Steering Committee, Susan G. Komen, 2018 – present.
  - Susan G. Komen Scholar, Appointed 4/2018 (3-year term).
  - Member, NC Institute of Medicine, Healthy NC 2030 – Physical Environment Work Group, 2019 – 2020.
  - SPORE Advocate, UNC Lineberger Cancer Center's SPORE Grant, 2019 – present.
  - Member, Community Advisory Board, Lineberger Cancer Center, UNC-Chapel Hill, 2019 – present
- Chair, NC Environmental Defense Fund Advisory Board, 9/22 – present.

#### IV. Professional Memberships:

**American Society for Microbiology**, 1973 – present, Emeritus member 2009 – present.

- Chairperson, Committee on Undergraduate Education, 1990 – 1995. Member, Board of Education and Training, 1990 – 1993.
- *ad hoc* Committee on Student Membership, 1991 – 1992.
- Member, Committee on Pre-College Education, 1993 – 1998.
- Chairperson, Life Sciences Education Conference Organizing Committee, 1990.
- Chair, Diversity Project (Coordinated the development of a poster featuring minority microbiologists, "Heroes in Microbiology", and one that featured female microbiologists, "Heroines in Microbiology," Committee on Pre-College Education, 1995 – 1998.

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- Member, ASM Minority Task Force, 1996 – 1998.
- ASM contact for the establishment of ASM Student Chapters, 1990 – 1994.
- Panel Reviewer for ASM / Minority Access to Research Careers (MARC) Summer Fellowships for Minority Biomedical Science Majors, 1988 – 1990.
- Member, Visiting Scientist Program, 1987–1992.
- Member, Washington, DC Branch, ASM, Executive Board, 1987 – 1991.
- Elected to the American Academy of Microbiology, 1998.
- Underrepresented Committee Member, 1999 – 2004.
- Archives Committee, 2001 – 2010
- Member, Region IV Branch of ASM, 2002 – present
- Division Q (Environmental Microbiology) Nominations Committee, 2001 – 2002.
- Chair, Committee on Microbiological Issues Impacting Minorities, PSAB, 2003 – 2012. •
- Member, Public and Scientific Affairs Board, ASM, 2003 – present
- Selection Committee, ASM Congressional Fellow, 2004.
- ASM Foundation Lecturer, 2007 – 2009.
- Member, Communications Committee, 2007 – 2012.
- Member, Center for the History of Microbiology/ASM Microbe, 2011-present
- **American Academy of Microbiology**, 1998 – present.
- Diversity Committee, 1999 – 2005.
- *ad hoc* Committee on Elections, 2000 – 2001.
- Chair, Diversity Committee, 2002 – 2005.
- Member, Hinton Nomination Committee, 2008 – 2013.
- Member, Board of Governors Nominating Committee, 2018 -2021.
- **American Association for Cancer Research**, 1991 – present. Chairperson and Organizer, Symposium sponsored by the Minority Issues Committee, 1996.
- **National Network of Minority Women in Science**, Founding Member, 1978 •  
National Chairperson, 1985–1992.
- Washington, DC Network of MWIS, Founding Member.
- President, Washington, DC Network of MWIS, 1982 – 1985. **Society of Sigma Xi**, 1971 – present.
- **American Association for the Advancement of Science**, 1978 – present.
- Mentor Award Selection Committee, 1995 – 1996.
- Elected Fellow, Biological Sciences Division, 2003.
- Emeritus member, 2009 – present.
- **American Society for Photobiology**, 1980 – 1992.
- **American Society for Cell Biology**, 1991 – present, Emeritus member 2009 – present.
- **Delta Sigma Theta, Inc.** – Golden Life Member.
- Member, the Federal City Alumnae Chapter, 1969 – present. 1st Vice President, 1974 – 1976.

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- **Beta Kappa Chi Scientific Honor Society**, 1971 – present.
- **Electrophoresis Society of America**, (Charter Member, 1991).
- **International Congress of Black Women**, Life Member, 1993 – present.

#### V. EDITORIAL REVIEW BOARDS

- Public Health Reports, *Journal of the Public Health Service*, *ad hoc* reviewer, 1993.
- *Environmental Health Perspectives*, Member, Editorial Board, 1993 – 1997.
- *Journal of Minority Economic Development*, Editorial Board, 1996 – 2000.
- 1997 Biennial Symposium Proceedings, *ad hoc* reviewer, (Supplement to *Cancer*, 83/8, October 15, 1998).
- *Genetics*, *ad hoc* reviewer, 2000.
- *Environmental Health Perspectives*, *ad hoc* reviewer, 1997 – 2008.
- *Cancer*, *ad hoc* Reviewer, 2001, 2006
- *Journal of the National Medical Association*, *ad hoc* reviewer, 2003 – 2005.

#### VI. Honors and Awards:

- "Who's Who Among College Students in American Universities and Colleges," 1969.
- Beta Kappa Chi Scientific Honor Society, Inducted 1970.
- Charles Parker Scholarship Recipient, 1970 – 1971.
- Society of Sigma Xi, Inducted 1971.
- Honorary Award, Department of Intercollegiate Athletics, Federal City College, Washington, DC, 1975.
- "Outstanding Young Women of America," 1975.
- NIH, Predoctoral Trainee, (Georgetown University), 1976 – 1977. Delta Sigma Theta, Inc., National Scholarship Recipient, 1976 – 1977.
- Minority Access to Research Careers (MARC) Predoctoral Fellowship, December 1977 to July 1978.
- "Who's Who of American Women," 1978 – 1979.
- Honored by Dollars and Sense Magazine in their "2nd Annual Salute to America's Top 100 Black Business and Professional Women," 1986.
- Numerous Awards for University, College, and Departmental Service, and Teaching and Research Awards, University of the District of Columbia, 1971 – 1992.
- Certificate of Achievement, United Black Fund, Inc. Of Greater Washington, DC, 1991. • "Excellent Leadership in Support of the Environmental Health Sciences," Benedict College, 1993.
- "Geraldine P. Woods Sciences Award," Delta Sigma Theta, The Federal City Alumnae Chapter, 1994.

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- Book Chapter: Matyas, M.L. (1997). "Marian Johnson-Thompson, Molecular Virologist, 1946-present," in Matyas, M.L. & Haley-Oliphant, A.E. (Editors). (1997). Women Life
- NIH Merit Award, December 1997.
- NIEHS Special Act Award, 1998
  - Elected to Fellowship, The American Academy of Microbiology, Elected May 1998.
- "Outstanding Service and Commitment to the Historically Minority Universities, Bioscience / Biotechnology Program Initiative" award, presented by North Carolina Biotechnology Center, June 1998.
- The Oni Award, International Congress of Black Women, September, Denver, CO, 1999.
- "Outstanding Black Scholar 2000," Black Graduate Student Association, University of Alabama at Birmingham, May 3, 2000.
- NIH Director's Award, 1999.
- NIH Director's Award, 2000.
- 2001 – 2002 Meyerhoff Mentor of the Year Award, Meyerhoff Program, University of Maryland, Baltimore County.
- NIH Pioneer of Black History, NIH Black History Month Program, February 25, 2002.
- Thurgood Marshall Alumni Award by the Thurgood Marshall Scholarship Fund, 2003.
- Recipient of the Alice E. Evans Award from the American Society for Microbiology, 2004.
- NIH Director's Award (Group Award – *for developing a trans-NIEHS science education committee that effectively coordinates and implements local and national environmental health sciences and efforts*), 2004.
- Elected to Fellowship, Biological Sciences Section, American Association for the Advancement of Science, 2004.
- 2004 Alice Evans Award (for significant role in advancing women in the microbiological sciences), the American Society for Microbiology.
- NIH Plain Language Award, 2005.
- 2005 "Trailblazer in Science," (one of 67 minority scientists) by Science Spectrum Magazine.
- 7th Annual Distinguished Scholar Award, SPIRE Postdoctoral Fellowship Program, UNC Chapel Hill, 2006.
- 2009 Outstanding Alumni Achievement Award, Howard University, Charter Day Gala, March 14, 2009.
- 2009 NIH Director's Award
- HistoryMaker – interviewed 2013.
- <http://www.thehistorymakers.org/search/node/johnsonthompson> *The HistoryMakers*, a

- digital archive of life oral histories relating to the African American experience and funded by the NSF, is housed at the Library of Congress.
- 2015 - 22<sup>nd</sup> Annual Legacy Award for Mentoring in the Health Professions, presented by the Auxiliary to the Durham Academy of Medicine, Dentistry and Pharmacy, Durham, NC.
- Book Chapter: Johnson C. 2018. Marian Johnson-Thompson: Lifelong Mentor, pp 183192. *in* Whitaker R, Barton H (ed), *Women in Microbiology*. ASM Press, Washington, DC.
- 2018 Bison on the Vineyard “Truth and Service Award,” Martha’s Vineyard, MA.
- Susan G. Komen Scholar, 2018 – 2021.
- 2019 ASM William A. Hinton Award for Advancement of a Diverse Community of Microbiologists, American Society for Microbiology (Microbe) meeting, San Francisco, CA.
- 2019 Bison of the Year, The Research Triangle Chapter of the Howard University Alumni Club.
- 2022. Friends of Cancer Research 25<sup>th</sup> Anniversary – one of 25 scientific and advocacy leaders spotlighted

#### VII. Selected Publications:

- Emerson MA, Golightly YM, Aiello AE, Reeder-Hayes KE, Tan X, Maduekwe U, **Johnson-Thompson M**, Olshan AF, Troester MA. 2020 [Breast cancer treatment delays by socioeconomic and health care access latent classes in Black and White women.](#) *Cancer*.15;126(22):4957-4966.
- Article/Op-ed - Chavis, D. and **Johnson-Thompson, M.** 2020. Climate change, environmental justice in NC on the ballot. Fayetteville Observer, 10/28/2020 [Climate change, environmental justice in NC on the ballot \(fayobserver.com\)](#)
- Meyn, A., Dorman, W., Jernigan, C., **Johnson-Thompson, M.**, Seago-Coyle, R., Segarra-Vazquez, B., Spivey, S., Weinreb, M., and Finestone, S. 2020. Susan G. Komen advocates in science (AIS): Bringing patients’ perspectives to research. Abstract P1-1601 – 2019 San Antonio Breast Cancer Symposium, San Antonio, TX. *Cancer Research* 80:4 Sup
- Article/Op-ed - **Johnson-Thompson, M.** 2019 Climate crisis highlights the fight for environmental justice in NC. NC Policy Watch. 9/26/2019 [Climate crisis highlights the fight for environmental justice in NC | NC Policy Watch](#)
- **Contributor with Cobbs, L. et al.** 2017. “Capitalizing on the Totality of Evidence to Streamline Approvals for Supplemental Indications.” Friends of Cancer Research – White Paper. Washington, DC. <https://www.focr.org/sites/default/files/pdf/Panel%201.pdf>



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- **Johnson-Thompson, M.** and Sterling, L. 2014. A Brief History of the Howard University Microbiology Department. *Microbe*. 9(2):59-63.
- **Johnson-Thompson, M.** 2008. Research Opportunities for Medical Students to Train at the NIH. *J. of the Student National Medical Association*. 14(2):26 – 27.
- **Johnson-Thompson, M.** 2007. Revisiting the Contributions of African American scientists to ASM. *Microbe*, 2(2):82 – 87.
- **Johnson-Thompson, M.** 2005. Book Review: Breast Cancer Black Women by Edwin T. Johnson. *Journal of the National Medical Association*, 97:(10)1437–1438.
- **Johnson-Thompson, M.** 2004. A Model for Addressing Delta’s New Informal Youth Science Initiative - Science in Everyday Experiences: “Early Contributions of African Americans to the Discipline of Microbiology.” *Center for Research on African American Women Journal*, 4 (1):17– 24.
- **Johnson-Thompson, M.** 2003. Faces of ASM. Dr. James Jay. *ASM News* 69(5):253–254.
- Jones, L.A., Brawley, O., **Johnson-Thompson, M.**, Lythcott, N. and Newman, L. 2003. Overview of the Summit Meeting Evaluating Research in African American Women. *Cancer*, 97S:1, 207– 210.

Newman, L, Pollock, R. and **Johnson-Thompson, M.** 2003. Increasing the Pool of Academically Oriented African American Medical and Surgical Oncologists. *Cancer*, 97S:1, 329–334.

- **Johnson-Thompson, M.** 2002. Faces of ASM. Dr. Welton I. Taylor. *ASM News* 68:36–37.
- **Johnson-Thompson, M.** and Guthrie, J. 2000. “Multicultural Aspects of Breast Cancer Etiology: Environmental Risk Factors,” *Cancer* 88:5, 1224 – 1229.
- Cutler, K., Kent, B., Tyson, F., and **Johnson-Thompson, M.**, 1999. The B.E.S.T. High School Molecular Biology Course, The National Science Teachers Association Annual Meeting, Boston, MA.
- **Johnson-Thompson, M.C.** and Jay, J. 1997. Ethnic Diversity in ASM: The Early History of African American Microbiologists. *ASM News*. 63:77-82
- **Thompson, M.**, Allcock, M., and Hogan, M.1997.” Bridging Education, Science and Technology (B.E.S.T.) Program,” APHA Annual Meeting Program, Abstract, page 301.
- **Johnson-Thompson, M.**, Sullivan, C. and Olden, K., 1996. "NIEHS / AACR Task Force on the Advancement of Minorities in Science: Vision for a Model Program." *Cancer Research* 56, 3380– 3386.
- Sullivan, C. and **Johnson-Thompson, M.** 1994. "K-12 Environmental Health Sciences Education Programs at the NIEHS, NIH." Symposium on Health Research Needs to Ensure Environmental Justice, Washington, DC p. 16, I-32.

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- **Johnson- Johnson-Thompson, M.**, 1993 "Perspective of the NIEHS" Abstract presented at the HEALTH WATCH Third Annual Symposium on "The Environment, The Workplace and the Health of African Americans, New York, NY.
- **Johnson-Thompson, MC** and Jay, J. 1997. Ethnic Diversity in ASM: The Early History of African-American Microbiologists." *ASM News*. 63, 77–82.
- Aquino, A., **Johnson-Thompson, M.** and Glazer, R.I. 1990. "Enhanced Ca<sup>2+</sup>-Dependent Proteolysis Associated with Adriamycin Resistant HL60 Cells." *Cancer Communications* 2:245– 247.
- Halpern, J.B., Quaye, J., Newsome, F. and **Johnson-Thompson, M.** 1990. "Quantitative Analysis of DNA Gel Electrophoresis Patterns by Pulsed Laser Induced Fluorescence." *Analytical Instrumentation* 19:15–28
- **Johnson-Thompson, M.**, and Albury, D. 1988. "Azapyrimidine Analogues: Inhibitions of Viral DNA Synthesis and Protein Synthesis in SV40-Infected BSC-1 Cells." *In Vitro Cellular and Molecular Biology* 24:1114–1120.
- Aquino, A., **Johnson-Thompson, M.** and Glazer, R.I. 1990. "Enhanced Ca<sup>2+</sup>-Dependent Proteolysis Associated with Adriamycin Resistant HL60 Cells." *Cancer Communications* 2:245– 247.
- Halpern, J.B., Quaye, J., Newsome, F. and **Johnson-Thompson, M.** 1990. "Quantitative Analysis of DNA Gel Electrophoresis Patterns by Pulsed Laser Induced Fluorescence." *Analytical Instrumentation* 19:15–28

- Johnson-Thompson, M.**, Halpern, J. And Jackson, W. 1985. "Laser Irradiation of Simian Virus 40." in *Lasers as Reactants and Probes in Chemistry*. (edited by W. Jackson and A. Harvey) pp. 505–512. Howard University Press.
- **Johnson-Thompson, M.**, Jackson, W. Halpern, J. and George, J. 1984. "Vacuum UV Laser Induced Scission of Simian Virus 40 DNA." *Photochemistry and Photobiology* 39:17–24.
  - **Johnson-Thompson, M.**, and Albury, D. 1988. "Azapyrimidine Analogues: Inhibitions of Viral DNA Synthesis and Protein Synthesis in SV40-Infected BSC-1 Cells." *In Vitro Cellular and Molecular Biology* 24:1114–1120.
  - **Johnson-Thompson, M.** and Rosenthal, L. 1979. "Effect of 5-Azacytidine on Simian Virus 40 Nucleoprotein Complexes." *Antimicrobial Agents and Chemotherapy* 16:667-73
  - **Johnson-Thompson, M.** and Rosenthal, L. 1979. "Inhibition of SV40 DNA Replication by 5Azacytidine: Effect on DNA Synthesis and Conformation." *Virology* 93:605–608.