

Curriculum vitae

BRUCE WILLIAM STILLMAN

PLACE AND DATE OF BIRTH

October 16, 1953, Melbourne, Australia

ADDRESS

Cold Spring Harbor Laboratory
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NATIONALITY

Australian; Permanent Resident, U.S.A.

EDUCATION

Glen Waverley High School, Victoria, Australia (1966-69)
Sydney Boys' High School, N.S.W., Australia (1970-71)
B.Sc., First Class Honours, University of Sydney (1972-75)
Ph.D., Australian National University (1976-79)

POSITIONS

Postgraduate Student, Department of Microbiology
John Curtin School of Medical Research
Australian National University (1976-1979)

Postdoctoral Fellow, Cold Spring Harbor Laboratory (1979-80)

Staff Investigator, Cold Spring Harbor Laboratory (1981-82)

Senior Staff Investigator, Cold Spring Harbor Laboratory (1983-1985)

Professor, Cold Spring Harbor Laboratory (1985 - present)

Assistant Director, Cold Spring Harbor Laboratory (1990-1993)

Director, Cancer Center, Cold Spring Harbor Laboratory (1992-present)

Director, Cold Spring Harbor Laboratory (1994-2003)
(Chief Executive Officer title added by CSHL Board, November 2000)

President, Cold Spring Harbor Laboratory, (2003-present)

HONORS and AWARDS

Commonwealth Postgraduate Award (1976-1978);
Damon Runyon-Walter Winchell Cancer Fund Fellow (1979-1980);
Rita Allen Foundation Scholar (1982-1987);
Merit Award - National Institutes of Health (1986);
The Royal Society (London), Elected Fellow (1993);
Julian Wells Medal and Lecture, Genome Conference, Australia (1994);
Molecular Medicine Society, Elected Charter Fellow (1995);
Ida Beam Visiting Professor-University of Iowa (1996);
William J. Matheson Professor of Cancer Biology,
Cold Spring Harbor Laboratory (1997);
Order of Australia, AO (1999);
National Academy of Sciences, Elected Foreign Associate (2000);
American Academy of Microbiology, Elected Fellow (2000);
Doctor of Humane Letters (honoris causa), Hofstra University (2001);
Doctor of Science (honoris causa), New York Institute of Technology (2001);
European Molecular Biology Organization, Associate Member (2001);
Doctor of Science (honoris causa), Stony Brook University (2002);
Flame of Hope Award, Cancer Cares Foundation (Long Island) (2003);
Alfred P. Sloan Prize, General Motors Cancer Research Foundation, (2004);
American Association for the Advancement of Science, Elected Fellow (2005);
Society of Surgical Oncology - American Cancer Society Basic Science Award
and Lecture (2006);
Doctor of Science, (honoris causa), Long Island University (2007);
Curtin Medal for Excellence in Medical Research, John Curtin School of Medical Research,
Australian National University (2007);
Doctor of Science (honoris causa), University of Sydney (2008);
American Academy of Arts and Sciences, Elected Member (2008);
Man of the Year in Science and Medicine, The Times of Huntington, NY (2009).

SIGNIFICANT LECTURES AND ADDRESSES

Evening Lecture, German Society for Biological Chemistry Annual Meeting (1992);
Keynote address, EMBO DNA Replication Meeting (1992);
Harvey Society Lecture (1993);
Nieuwland Lecturer, University of Notre Dame (1993);
Yamanouchi Plenary Lecture, British Societies of Cell Biology and
Developmental Biology (1995);
Keynote Address-Congress of Japanese Molecular Biology Society (1995);
Keynote Address-Howard Hughes Medical Institute (1995);
Speaker, Nobel Symposium, The Cell Cycle, Nobel Forum, Karolinska Institutet, Sweden,
(1996).
Keynote Address-FASEB Meeting Yeast Chromosome Structure,
Replication and Segregation (1996);
Keynote Address-EMBO DNA Replication Meeting, Switzerland (1996);
Australian National University 50th Anniversary Lecture. Australian
Societies for Biochemistry and Molecular Biology and Plant Physiologists (1996);
Doty Lecture, Harvard University (1998);
Keynote Address-Cell Cycle Meeting, Cold Spring Harbor Laboratory (1998);
Keynote Address-EMBO DNA Replication Meeting, Norway (1998);
Annual Distinguished Visiting Scientist, North Shore-LIJ Hospital System (1999);
Speaker-Keystone Millennium Celebration Meeting (2000);

SIGNIFICANT LECTURES AND ADDRESSES (cont'd)

Keynote Address, German Genetics Society, Weimar Germany (2000);
 President's Lecture, Memorial Sloan-Kettering Cancer Center (2001);
 Horizon Lecture, Lerner Institute, Cleveland Clinic Foundation (2001);
 Dean's Lecture, University of Houston (2001);
 Louis Siminovitch Lecture, University of Toronto, Canada (2001);
 Keynote Address, Howard Hughes Medical Institute (2001);
 Bradley Oration, Peter MacCallum Cancer Conference, Melbourne, Australia (2001);
 Severo Ochoa Memorial Lecture, Madrid, Spain (2001);
 Keynote address, Keystone symposium on Mechanisms of DNA Replication and Recombination, Snowbird, Utah, (2002);
 Speaker, Opening of the Science Center and Library at the New York Botanical Garden (2002);
 Keynote address, EMBO meeting on the "The replicon theory", celebrating Francios Jacob and Sydney Brenner's 1963 replicon hypothesis, Villefranche, France (2003);
 Speaker, Cold Spring Harbor Laboratory meeting "The Biology of DNA" celebrating the 50th anniversary of the discovery of the double helix, (2003);
 Speaker, Royal Society discussion meeting "Replicating and reshaping DNA: a celebration of the jubilee of the double helix" London (2003).
 Speaker, Opening of the Biosystems Research Complex and DNA Learning Center Clemson University, South Carolina (2004).
 Keynote Speaker, DNA Replication and Genome Integrity, Joint Salk Institute and Caltech Meeting (2004).
 Speaker, Nobel Symposium 130, Molecular Mechanisms of Biological Processes, Tällberg, Sweden, (2004).
 Chiron Lectures, University of California, Berkeley (2005).
 The Darlington Lecture, John Innes Centre, Norwich, UK (2006).
 FAOBMB/IUBMB Yagi Lecture, International Congress of Biochemistry and Molecular Biology, Kyoto, Japan (2006).
 Garvan International Fellow, The Garvan Institute, Sydney, Australia (2006).
 Speaker, 75th Anniversary of the Medical School at Duke University (2006).
 Joan and Donald Axinn Lecture, Hofstra University (2007).
 Vincent J. Cristofalo Memorial Lecture, The Wistar Institute (2007).
 Speaker, The Secret Science Club, Brooklyn, New York (2008).
 Getz Named Lecturer, Mayo Clinic (2008).
 Keynote lecturer, 9th International Congress on Cell Biology (ICCB), Seoul, Korea (2008).
 Keynote address, Chromatin, Replication, and Chromosomal Stability, University of Copenhagen ABCAM meeting (2009).

PROFESSIONAL SOCIETIES

American Association for the Advancement of Science (elected Fellow)
 American Association for Cancer Research, Inc. (Member)
 American Society for Biochemistry and Molecular Biology (Member)
 American Society for Cell Biology (Member)
 American Society for Microbiology (elected Fellow)
 National Academy of Sciences (Washington, D.C.) (elected Foreign Associate)
 The Royal Society (London) (elected Fellow)
 European Molecular Biology Organization (elected Foreign Associate)
 The American Academy of Arts and Sciences (elected member)

PROFESSIONAL SERVICE: (highlights in bold still active)**EDITORIAL BOARDS:**

Journal of Virology (1986-1988)
 Molecular and Cellular Biology (1986-2000)
 Current Biology (1993-2002)
 Cancer Surveys (1994-1998)
Cell (1996-present)
 Science (Board of Reviewing Editors; 2001-2002)
 DNA Repair (2001-2003)

PROFESSIONAL ORGANIZATIONS AND COMMITTEES:

Professor: Department of Microbiology and Molecular Genetics (adjunct) School of Medicine, Stony Brook University (1982-present);
 Member: Experimental Virology Study Section, National Institutes of Health (1986-1988);
 Chairman: Experimental Virology Study Section, National Institutes of Health (1988-1990);
 Organizer: with Dr. Thomas Kelly, of the Eukaryotic DNA Replication Meeting at Cold Spring Harbor Laboratory (1987, 1989, 1991, 1993, 1995, 1997, 1999, 2001, 2003);
Organizer: Cold Spring Harbor Symposium on Quantitative Biology (annually; 1991-present);
 Member: Scientific Advisory Committee, National Cancer Institute, Frederick Cancer Research and Development Center, Frederick, Md. (1992-1995);
 Member: Scientific Advisory Committee on Personnel for Research, American Cancer Society, (1994-1996);
 Member: Scientific Advisory Board of Tularik, Inc. (1992-2004);
 Member: Council on Biotechnology Center for Biotechnology, State University at Stony Brook (1993-1998);
 Member: Scientific Advisory Committee, Imperial Cancer Research Fund London England (1994-2002);
 Member: Advisory Board, Albert Einstein College of Medicine Cancer Center (1994-2003);
Member: Advisory Board, Cancer Center, Massachusetts Institute of Technology (1994-present);
 Member: Albert Lasker Medical Research Awards Jury, (1996-2009);
 Member: Scientific Advisory Board, Howard Hughes Medical Institute (1996-2003);
 Member: Board of Scientific Councilors, National Cancer Institute (1996-1999) and then
 Chairman: Board of Scientific Councilors, (BSC-B) National Cancer Institute (1999-2001);
 Member: Scientific Advisory Board of Rosetta Inpharmatics (1997-2001);
 Member: Research Advisory Council, Australian National University (1997-2001);
 Member: Selection Committee, Sloan Prize, General Motors Cancer Research Foundation (1998-2000); (Chairman, 2000);
 Member: National Advisory Board, Cancer Institute of Long Island, State University of New York at Stony Brook (1998-2001);
Member: Scientific Advisory Board, Walter and Eliza Hall Institute of Medical Research, Australia (1998-present);
 Advisor: Mediphase Venture Partners (2000-2001);
Member: Board of Directors, Academy for Medical Development and Collaboration (AMDeC), (1999-present); [a non-profit consortium of academic institutions].
 Advisor: Merlin BioMed (2001-2003);
 Member: Board of Scientific Advisors, Merck & Co., Inc. (2001-2004);
 Member: Executive Committee of National Cancer Institute (1999-2001);
 Member: National Cancer Policy Board, USA (2001-2002);

Vice Chair: National Cancer Policy Board, USA (2002-2005);
Member: Board of Directors, New York Biotechnology Association (2002-2008);
Member: Scientific Advisory Board, IRX-Therapeutics (2002-present);
Advisor: Symphony Capital, LLC (2002-2008);
Member: Board of Directors, Long Island Technology Forum (2002-2003);
Member: Doris Duke Foundation Clinical Interfaces Award Program Panel (2002-2003);
Member: Executive Advisory Board, The Miracle Foundation (2003-2007);
Member: Medical Advisory Board, Howard Hughes Medical Institute (2004-present);
Senior
Advisor: EnGenelC Pty. Ltd., Sydney, Australia (2004-present);
Member: Advisory Council, Lewis-Sigler Institute for Integrative Genomics
 Princeton University (2004-present);
Member: Scientific Advisory Board, Amgen (2005-2007);
Member: Board of Directors, Broad Hollow Bioscience Park, Farmingdale, NY (2007-
 present).
Member: The Board on Life Sciences, National Research Council (2007-present).
Member: Board of Scientific Advisors, National Cancer Institute (2007-present).

COMMUNITY ORGANIZATIONS

Member Save The Children, Long Island Community Advisory Council
 (2001-2009);
Honorary Member Save The Children, Leadership Council of Long Island (2009-present);
Member Advisory Council, American Australian Association (2005-present);
Director University of Sydney USA Foundation (2005-present);
Member Rausch Foundation's Long Island Index Advisory Committee
 (2003-present).

PUBLICATIONS

1. Stillman, B.W., Bellett, A.J.D. and Robertson, A.J. (1977). Replication of linear adenovirus DNA is not hairpin-primed. *Nature* **269**: 723-725.
2. Stillman, B.W. and Bellett, A.J.D. (1979). Replication of DNA in adenovirus-infected cells. *Cold Spring Harbor Symposium of Quantitative Biology* **43**: 729-739.
3. Stillman, B.W. and Bellett, A.J.D. (1979). An adenovirus protein associated with the ends of replicating DNA molecules. *Virology* **93**: 69-79.
4. Lewis, J.B., Esche, H., Smart, J.E., Stillman, B.W., Harter, M.L. and Mathews, M.B. (1980). The organization and expression of the left third of the genome of adenovirus. *Cold Spring Harbor Symposium of Quantitative Biology* **44**: 493-508.
5. Stillman, B.W. (1981). Adenovirus DNA replication *in vitro*: A protein linked to the 5' end of nascent DNA strands. *Journal of Virology* **37**: 139-147.
6. Stillman, B.W., Lewis, J.B., Chow, L.T., Mathews, M.B. and Smart, J.E. (1981). Identification of the gene and mRNA for the adenovirus terminal protein precursor. *Cell* **23**: 497-508.
7. Tamanoi, F. and Stillman, B.W. (1982). Function of the adenovirus terminal protein in the initiation of DNA replication. *Proceedings of the National Academy of Sciences, USA* **79**: 2221-2225.
8. Smart, J.E. and Stillman, B.W. (1982). Adenovirus terminal protein precursor: Partial amino acid sequence and site of covalent linkage to virus DNA. *Journal of Biological Chemistry* **257**: 13499-13506.
9. Stillman, B.W., Topp, W.C. and Engler, J.A. (1982). Conserved sequences at the origin of adenovirus DNA replication. *Journal of Virology* **44**: 530-537.
10. Stillman, B.W., Tamanoi, F. and Mathews, M.B. (1982). Purification of an adenovirus coded DNA polymerase that is required for initiation of DNA replication. *Cell* **31**: 613-623.
11. Stillman, B.W. and Tamanoi, F. (1983). Adenovirus DNA replication: DNA sequences and enzymes required for initiation *in vitro*. *Cold Spring Harbor Symposium of Quantitative Biology* **47**: 741-750.
12. Stillman, B.W. (1983). The replication of adenovirus DNA. In Mechanisms of DNA replication and recombination. *UCLA Symposium on Molecular and Cellular Biology, New Series Volume X*. pp. 381-393. ed. N.R. Cozzarelli, A.R. Liss, Inc., NY.
13. Tamanoi, F. and Stillman, B.W. (1983). The origin of adenovirus DNA replication. *Current Topics in Microbiology and Immunology* **109**: 75-87.
14. Tamanoi, F. and Stillman, B.W. (1983). Initiation of adenovirus DNA replication *in vitro* requires a specific DNA sequence. *Proceedings of the National Academy of Sciences, USA* **80**: 6446-6450.
15. Stillman, B.W. (1983). The replication of adenovirus DNA with purified proteins. *Cell* **35**: 7-9.

16. Stillman, B.W., White, E. and Grodzicker, T. (1984). Independent mutations in Ad2ts111 cause degradation of cellular DNA and defective viral DNA replication. *Journal of Virology* **50**: 598-605.
17. Guggenheimer, R.A., Stillman, B.W., Nagata, K., Tamanaoi, F. and Hurwitz, J. (1984). DNA sequences required for the *in vitro* replication of adenovirus DNA. *Proceedings of the National Academy of Sciences, USA* **81**: 3069-3073.
18. White, E., Grodzicker, T. and Stillman, B.W. (1984). Mutations in the gene encoding the adenovirus E1B 19K tumor antigen cause degradation of chromosomal DNA. *Journal of Virology* **52**: 410-419.
19. White, E., Blose, S.H. and Stillman, B.W. (1984). Nuclear envelope localization of an adenovirus tumor antigen maintains the integrity of cellular DNA. *Molecular & Cellular Biology* **4**: 2865-2875.
20. White, E. and Stillman, B.W. (1985). A role for a nuclear envelope localized adenovirus tumor antigen in virus mediated transformation and lytic infection. *UCLA Symposium on Molecular and Cellular Biology* **26**: 137-164.
21. Stillman, B.W. (1985). Biochemical and genetic analysis of adenovirus DNA replication *in vitro*. *Genetic Engineering: Principles and Methods*. Vol. **7**: Setlow, J. K. and Hollaender, A. (eds). Plenum Publishing, pp.1-27.
22. Stillman, B.W. and Gluzman, Y. (1985). Replication and supercoiling of SV40 DNA in cell free extracts from human cells. *Molecular & Cellular Biology* **5**: 2051-2060.
23. Stillman, B., Gerard, R., Guggenheimer, R.A. and Gluzman, Y. (1985). T antigen and template requirements for SV40 DNA replication *in vitro*. *EMBO Journal* . **4**: 2933-2939.
24. Prelich, G. and Stillman, B. (1986). Functional characterization of thermolabile DNA binding proteins that affect adenovirus DNA replication. *Journal of Virology* **57**: 883-892.
25. Stillman, B., Diffley, J., Prelich, G. and Guggenheimer, R.A. (1986). DNA-protein interactions at the replication origins of adenovirus and SV40. In *Cancer Cells 4: DNA Tumor Viruses: Control of Gene Expression and Regulation*. (Cold Spring Harbor Laboratory Press, NY) pp. 453-463.
26. Diffley, J.F. and Stillman, B. (1986). Purification of a cellular, double stranded DNA binding protein required for initiation adenovirus DNA replication using a rapid filter binding assay. *Molecular & Cellular Biology* **6**: 1363-1373.
27. Stillman, B. (1986). Chromatin assembly during SV40 DNA replication *in vitro*. *Cell* **45**: 555-565.
28. Stillman, B. (1986). Functions of the adenovirus E1B tumor antigens. *Cancer Surveys* **5**: 389-404.
29. White, E., Faha, B. and Stillman, B. (1986). Regulation of adenovirus gene expression in human WI38 cells by an E1B encoded tumor antigen. *Molecular & Cellular Biology* **6**: 3763-3773.

30. Ostapchuk, P., Diffley, J.F.X., Bruder, J.T., Stillman, B., Levine, A.J. and Hearing, P. (1986). Interaction of a nuclear factor with the polyomavirus enhancer region. *Proceedings of the National Academy of Sciences, USA* **83**: 8550-8554.
31. Mohr, I.J., Stillman, B. and Gluzman, Y. (1987). Regulation of SV40 DNA replication by phosphorylation of T antigen. *EMBO Journal* . **6**: 153-160.
32. White, E. and Stillman, B. (1987). Expression of adenovirus E1B mutant phenotypes is dependent on the host cell and on synthesis of the E1A proteins. *Journal of Virology* **61**: 426-435.
33. Fairman, M., Prelich, G. and Stillman, B. (1987). Identification of multiple cellular factors required for SV40 replication *in vitro*. *Philosophical Transactions of the Royal Society, London* **B 317**: 495-505.
34. Prelich, G., Kostura, M., Marshak, D.R., Mathews, M.B. and Stillman, B. (1987). The cell cycle regulated proliferating cell nuclear antigen is required for SV40 DNA replication *in vitro*. *Nature* **326**: 471-475.
35. Prelich, G., Tan, C-K., Kostura, M., Mathews, M.B., So, A.G., Downey, K.M. and Stillman, B. (1987). Functional identity of proliferating cell nuclear antigen and a DNA polymerase- δ auxiliary protein. *Nature* **326**: 517-520.
36. Fairman, M.P., Prelich, G., Tsurimoto, T. and Stillman, B. (1988). Characterization of cellular proteins required for SV40 DNA replication *in vitro*. In *Cancer Cells 6: Eukaryotic DNA replication* (Cold Spring Harbor Laboratory Press, NY) pp. 143-151.
37. Diffley, J.F.X. and Stillman, B. (1988). Interactions between purified cellular proteins and yeast origins of DNA replication. In *Cancer Cells 6: Eukaryotic DNA replication* (Cold Spring Harbor Laboratory Press, NY) pp. 235-243.
38. Kelly, T. and Stillman, B. (1988). (eds). *Eukaryotic DNA replication*. Cold Spring Harbor Laboratory Press, NY.
39. Heintz, N.H. and Stillman, B.W. (1988). Nuclear DNA synthesis *in vitro* is mediated via stable replication complexes assembled in a temporally specific fashion *in vivo*. *Molecular & Cellular Biology* **8**: 1923-1931.
40. Fairman, M.P. and Stillman, B. (1988). Cellular factors required for multiple stages of SV40 DNA replication *in vitro*. *EMBO Journal* **7**: 1211-1218.
41. Diffley, J.F.X. and Stillman, B. (1988). Purification of a yeast protein that binds to origins of replication and a transcriptional silencer. *Proceedings of the National Academy of Sciences, USA* **85**: 2120-2124.
42. Prelich, G. and Stillman, B. (1988). Coordinated leading and lagging strand synthesis during SV40 DNA replication *in vitro* requires PCNA. *Cell* **53**: 117-126.
43. White, E., Denton, A. and Stillman, B. (1988). Role of the adenovirus E1B 19K tumor antigen in regulating of gene expression. *Journal of Virology* **62**: 3445-3454.
44. Stillman, B. (1988). Initiation of eukaryotic DNA replication *in vitro*. *BioEssays* **9**: 56-60.

45. Fairman, M., Prelich, G., Tsurimoto, T. and Stillman, B. (1988). Identification of cellular components required for SV40 DNA replication *in vitro*. *Biochimica et Biophysica Acta*. **951**: 382-387.
46. Tsurimoto, T. and Stillman, B. (1989). Purification of RF-C, a cellular replication factor required for coordinated synthesis of leading and lagging strands during SV40 DNA replication *in vitro*. *Molecular & Cellular Biology* **9**: 609-619.
47. Stillman, B. (1989). Initiation of eukaryotic DNA replication *in vitro*. *Annual Reviews of Cell Biology* **5**: 197-245.
48. Fairman, M.P., Prelich, G., Tsurimoto, T. and Stillman, B. (1989). Replication of SV40 DNA *in vitro* using proteins derived from a human cell extract. *J. Cell Science Supplement* **12**: 161-169.
49. Tsurimoto, T., Fairman, M.P. and Stillman, B. (1989). Simian Virus 40 DNA replication *in vitro*: identification of multiple stages of initiation. *Molecular & Cellular Biology* **9**: 3839-3849.
50. Smith, S. and Stillman, B. (1989). Purification and characterization of CAF-1, a human cell factor required for chromatin assembly during DNA replication *in vitro*. *Cell* **58**: 15-25.
51. Mohr, I.J., Gluzman Y., Fairman, M.P., Strauss, M., McVey, D., Stillman, B. and Gerard, R.D. (1989). Production of SV40 large T antigen in bacteria: altered DNA binding specificity and DNA replication activity of under phosphorylated T antigen. *Proceedings of the National Academy of Sciences, USA* **86**: 6479-6483.
52. Mohr, I.J., Fairman, M.P., Stillman, B. and Gluzman, Y. (1989). Large T antigen mutants define multiple steps in the initiation of Simian Virus 40 DNA replication. *Journal of Virology* **63**: 4181-4188.
53. Diffley, J.F.X. and Stillman, B. (1989). Transcriptional silencing and lamins. *Nature* **342**: 24.
54. Tsurimoto, T. and Stillman, B. (1989). Multiple replication factors augment DNA synthesis by the two eukaryotic DNA polymerases α and δ . *EMBO Journal* **8**: 3883-3889.
55. Diffley, J.F.X. and Stillman, B. (1989). Similarity between the transcriptional silencer binding proteins ABF1 and RAP1. *Science* **246**: 1034-1038.
56. Brill, S.J. and Stillman, B. (1989). Yeast replication factor-A functions in the unwinding of the SV40 origin of DNA replication. *Nature* **342**: 92-95.
57. Tsurimoto, T. and Stillman, B. (1990). Functions of replication factor C and proliferating cell nuclear antigen: functional similarities of DNA polymerase accessory proteins from human cells and bacteriophage T4. *Proceedings of the National Academy of Sciences, USA* **87**: 1023-1027.
58. Din, S., Brill, S.J., Fairman, M.P. and Stillman, B. (1990). Cell-cycle-regulated phosphorylation of DNA replication factor A from human and yeast cells. *Genes & Development* **4**: 968-977.

59. Ng, L., Prelich, G., Anderson, C.W., Stillman, B. and Fisher, P.A. (1990). Drosophila PCNA: structural and functional homology with its mammalian counterpart. *Journal of Biological Chemistry* **265**: 11948-11954.
60. Tsurimoto, T., Melendy, T. and Stillman, B. (1990). Sequential initiation of lagging and leading strand synthesis by two DNA polymerase complexes at the SV40 DNA replication origin. *Nature*. **346**: 534-539.
61. Diffley, J.F.X. and Stillman, B. (1990). The initiation of chromosomal DNA replication in eukaryotes. *Trends in Genetics* **6**: 427-432.
62. Melendy, T. and Stillman, B. (1991). Purification of DNA polymerase δ as an essential SV40 DNA replication factor. *Journal of Biological Chemistry* **266**: 1942-1949.
63. Tsurimoto, T. and Stillman, B. (1991). Replication factors required for SV40 DNA replication *in vitro*. I. DNA structure specific recognition of a primer-template junction by eukaryotic DNA polymerases and their accessory factors. *Journal of Biological Chemistry* **266**: 1950-1960.
64. Tsurimoto, T. and Stillman, B. (1991). Replication factors required for SV40 DNA replication *in vitro*. II. Switching of DNA polymerases α and δ during initiation of leading and lagging strand synthesis. *Journal of Biological Chemistry* **266**: 1961-1968.
65. Smith, S. and Stillman, B. (1991). Stepwise assembly of chromatin during DNA replication *in vitro*. *EMBO Journal* **10**: 971-980.
66. Diffley, J.F.X. and Stillman, B. (1991). A close relative of the nuclear, chromosomal high-mobility group protein HMG 1 in yeast mitochondria. *Proceedings of the National Academy of Sciences, USA* **88**: 7864-7868.
67. Smith, S. and Stillman, B. (1991). Immunological characterization of CAF-1, a human cell factor required for chromatin assembly during DNA replication *in vitro*. *Journal of Biological Chemistry* **266**: 12041-12047.
68. Brill, S.J. and Stillman, B. (1991). Replication factor-A from *Saccharomyces cerevisiae* is encoded by three essential genes coordinately expressed at S phase. *Genes & Development* **5**: 1589-1600.
69. Stillman, B. (1991). Mechanism and regulation of eukaryotic DNA replication. In *Origins of Human Cancer: A Comprehensive Review* (eds: Brugge, J., Carrant, T., Harlow, E. and McCormick, F.) Cold Spring Harbor Laboratory Press, NY, pp. 77-89.
70. Dutta, A., Din, S-u., Brill, S.J. and Stillman, B. (1992). Phosphorylation of replication protein A: a role for cdc2 kinase in G1-S regulation. *Cold Spring Harbor Symposium of Quantitative Biology* **56**: 315-324.
71. Melendy, T. and Stillman, B. (1992). SV40 DNA replication. *Nucleic Acids & Mol. Biol.* **6**: 129-158.
72. Diffley, J.F.X. and Stillman, B. (1992). DNA binding properties of an HMG1-related protein from yeast mitochondria. *Journal of Biological Chemistry* **267**: 3368-3374.

73. Fien, K. and Stillman, B. (1992). Identification of RFC from *Saccharomyces cerevisiae*: a component of the leading strand DNA replication complex. *Molecular & Cellular Biology* **12**: 155-163.
74. Marahrens, Y. and Stillman, B. (1992). A yeast chromosomal origin of DNA replication defined by multiple functional elements. *Science* **255**: 817-823.
75. Diffley, J.F.X. and Stillman, B. (1992). ARS binding factors from *Saccharomyces cerevisiae*. In DNA Replication: The Regulatory Mechanisms, P. Hughes, E. Fanning and M. Kohiyama (eds.). Springer-Verlag, Berlin, pp. 215-227.
76. Dutta, A. and Stillman, B. (1992). *cdc2* family kinases phosphorylate a human cell DNA replication factor, RPA, and activate DNA replication. *EMBO Journal* **11**: 2189-2199.
77. Bell, S.P. and Stillman, B. (1992). ATP dependent recognition of eukaryotic origins of DNA replication by a multi-protein complex. *Nature* **357**: 128-134.
78. Van Dyck, E., Foury, F., Stillman, B. and Brill, S.J. (1992). A single-stranded DNA binding protein required for mitochondrial DNA replication in *S. cerevisiae* is homologous to *E. coli* SSB. *EMBO Journal* **11**: 3421-3430.
79. Stillman, B., Bell, S.P., Dutta, A. and Marahrens, Y. (1992). DNA replication and the cell cycle. In Regulation of the Eukaryotic Cell Cycle. CIBA Foundation Symposium No. 170 (T. Hunter and J. Marsh, eds) pp. 147-160.
80. Stillman, B. (1992). Mechanisms and Control of Cellular DNA Replication. In DNA Replication the Cell Cycle. (E. Fanning, R. Knippers and E. L. Winnacker, eds) Springer-Verlag, Berlin. pp. 127-143.
81. Melendy, T. and Stillman, B. (1993). An interaction between replication protein A and SV40 T antigen appears essential for primosome assembly during SV40 DNA replication. *Journal of Biological Chemistry* **268**: 3389-3395.
82. Ruppert, J.M. and Stillman, B. (1993). Analysis of a Protein Binding Domain of p53. *Molecular & Cellular Biology* **13**: 3811-3820.
83. Wun-Kim, K., Upson, R., Young, W., Melendy, T., Stillman, B. and Simmons, D. (1993). The DNA-binding domain of Simian Virus 40 tumor antigen has multiple functions. *Journal of Virology* **67**: 7608-7611.
84. Bunz, F., Kobayashi, R. and Stillman, B. (1993). cDNAs encoding the large subunit of human replication factor C. *Proceedings of the National Academy of Sciences, USA* **90**: 11014-11018.
85. Bell, S.P., Marahrens, Y., Rao, H. and Stillman, B. (1993). The Replicon Model and Eukaryotic Chromosomes. *Cold Spring Harbor Symposium of Quantitative Biology* **58**: 435-442.
86. Bell, S.P., Kobayashi, R. and Stillman, B. (1993). Yeast origin recognition complex functions in transcription silencing and initiation of DNA replication. *Science* **262**: 1844-1849.
87. Stillman, B. (1993). Replicator Renaissance. *Nature* **366**: 506-507.

88. Luckow, B., Bunz, F., Stillman, B., Lichter, P. and Schutz, G. (1994). Cloning, expression and chromosomal localization of the 140 kDa subunit of replication factor C from mouse and man. *Molecular & Cellular Biology* **14**: 1626-1634.
89. Waga, S., Bauer, G. and Stillman, B. (1994). Reconstitution of complete SV40 DNA replication with purified replication factors. *Journal of Biological Chemistry* **269**: 10923-10934.
90. Waga, S. and Stillman, B. (1994). Anatomy of a DNA replication fork revealed by reconstitution of SV40 DNA replication *in vitro*. *Nature* **369**: 207-212.
91. Stillman, B. (1994). Initiation of chromosomal DNA replication in eukaryotes: Lessons from Lambda. *Journal of Biological Chemistry* **269**: 7047-7050.
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CURRENT LABORATORY MEMBERS:

Dr. Manzar Hossain	Postdoctoral Fellow
Dr. Jaclyn Jansen	Postdoctoral Fellow
Dr. Hironori Kawakami	Postdoctoral Fellow
Dr. Anthony Mazurek	Postdoctoral Fellow
Dr. Sylvain Mitelheiser	Postdoctoral Fellow
Dr. Shuang Ni	Postdoctoral Fellow
Dr. Yi-Jun Sheu	Research Investigator
Ms. Nihan Kara	Graduate Student
Dr. Marlies Rossmann	Graduate Student
Ms. Patricia Wendel	Research Associate

FORMER LABORATORY MEMBERS: Current Position

Ms. Elizabeth Woodruff	Senior Research Technician (1979-1982)	Home/ Luxemburg
Ms. Patti Lalik	Senior Research Technician (1982-1983)	Clinical Trials Coord., Sanofi Aventis
Dr. Ronald Guggenheimer	Postdoctoral Fellow (1985)	Family business
Ms. Barbara Faha	Senior Research Technician (1983-1987)	Principal Scientist Canji, Inc., CA
Dr. Wendy Heiger-Bernays	Postdoctoral Fellow (1986-1987)	Assoc. Prof/Boston University
Dr. Gregory Prelich	Graduate Student (1984-1988)	Assoc. Prof/Albert Einstein Coll. of Med.
Dr. Micaela Fairman	Postdoctoral Fellow (1986-1988)	Physician, Canada
Dr. Eileen White	Postdoctoral Fellow (1983-1985)	
	Staff Investigator (1986-1990)	Professor/Rutgers University
Dr. John Diffley	Postdoctoral Fellow (1984-1990)	Professor and Director/Cancer Research UK, Clare Hall
		Assoc. Prof/New York Univ.
Dr. Susan Smith	Graduate Student (1986-1990)	Professor/Kushyu University
Dr. Toshiki Tsurimoto	Postdoctoral Fellow (1987-1990)	Physician, UK
Mr. Thomas Macdougall	Barings Fellow (1991)	Professor/Rutgers University
Dr. Steven Brill	Postdoctoral Fellow (1988-1992)	Academic Coordinator/Swarthmore College
Dr. Glenn Bauer	Postdoctoral Fellow (1989-1992)	Professor/Uni. of Virginia
		Professor/Weissman Instit., Israel
Dr. Anindya Dutta	Postdoctoral Fellow (1989-1992)	Assoc. Prof/Johns Hopkins Med. Schl.
Mrs. Naama Kessler	Senior Research Technician (1989-1992)	Private business
Dr. Fred Bunz	Graduate Student (1988-1993)	Assoc. Prof/Uni. of Alabama
Dr. Salah-uh Din	Postdoctoral Fellow (1988-1993)	Assoc. Prof./Vanderbilt University
Dr. J. Michael Ruppert	Postdoctoral Fellow (1990-1993)	High school science teacher
Dr. Christopher Hardy	Postdoctoral Fellow (1992-1993)	Assoc. Prof/Univ. Minnesota
Dr. Karen Fien	Graduate Student (1988-1994)	Assoc. Prof/SUNY, Buffalo
Dr. York Marahrens	Graduate Student (1988-1994)	Professor/MIT
Dr. Thomas Melendy	Postdoctoral Fellow (1988-1994)	OSI Pharmaceuticals
Dr. Stephen Bell	Postdoctoral Fellow (1990-1994)	Assoc. Prof/Nara Inst. of Sci. & Tech.
Mrs. Lynn Borzillo	Senior Research Tech. (1991-1994)	Graduate Student/UC, Berkeley
Dr. Masahiro Akiyama	Postdoctoral Fellow (1992-1995)	
Mr. Jay Mitchell	Research Technician (1993-1995)	Assoc. Prof/Univ. of Massachusetts
Mr. Victor Filadora	Research Technician (1994-1995)	Assoc. Prof/Univ. of Texas, San Antonio
Dr. Paul Kaufman	Postdoctoral Fellow (1992-1996)	Professor, Univ. of Texas, San Antonio
Dr. Hai Rao	Graduate Student (1992-1996)	Asst. Prof./Stony Brook Uni.
Dr. Rong Li	Postdoctoral Fellow (1994-1996)	Attorney/ Fitzpatrick, Cella, Harper & Scinto, LLP, New York
		Res. Sci/Connex Gmb, Germany
Dr. Nick Carpino	Graduate Student (1996-1997)	
Dr. Kimberley Gavin	Graduate Student (1992-1997)	ALK-Abello, Horsholm, Denmark
Dr. Gerhard Cullmann	Postdoctoral Fellow (1993-1997)	
Ms. Corine Driessens	Laboratory Aide (1993-1997)	
Dr. Caroline Bolwig	Postdoctoral Fellow (1993-1997)	

Dr. Masumi Hidaka	Postdoctoral Fellow (1994-1997)	Res. Assoc/Natl. Inst. for Basic Bio.
Dr. Masayoshi Iizuka	Postdoctoral Fellow (1995-1997)	Res. Assoc/University of Virginia
Ms. Miho Waga	Research Technician (1995-1998)	Retired
Dr. Shou Waga	Postdoctoral Fellow (1991-1998)	Professor, Japan Women's University
Dr. Chun Liang	Postdoctoral Fellow (1993-1998)	Assoc. Prof/Hong Kong Uni. of Sci. &Tech.
Dr. Alain Verreault	Postdoctoral Fellow (1994-1998)	Principal Investigator/Inst. for Res. in Cancer and Immun., Montreal
Ms. Catherine Cronin	Research Technician (1998 –1999)	Computing industry
Dr. Kaetrin Simpson	Postdoctoral Fellow (1997-1999)	Deceased
Dr. Michael Weinreich	Postdoctoral Fellow (1993-2000)	Sci. Investigator/Van Andel Res. Inst., MI
Ms. X. Helena Yang	Graduate Student (1995-2000)	Assoc. Editor, Cancer Cell, Boston
Dr. Lee Zou	Graduate Student (1995-2000)	Assist. Prof., Harvard Medical School
Dr. James Chong	Postdoctoral Fellow (1996-2000)	Asst. Prof/Uni. of York, UK
Dr. Tohru Mizushima	Postdoctoral Fellow (1999-2000)	Assoc. Prof/Okayama Uni., Japan
Dr. Keiichi Shibahara	Postdoctoral Fellow (1996-2000)	Assoc. Prof/Natl. Inst. of Genet., Japan
Mr. Sujit Dike	Masters Student (1999-2000)	Computer Scientist, Affymetrix, Inc.
Dr. Nancy Du	Graduate Student (1998-2002)	Postdoc. Fellow/Memorial Sloan-Kettering Cancer Center
Dr. Zhiguo Zhang	Postdoctoral Fellow (1998-2003)	Assoc. Prof/Mayo Clinic
Dr. Katherine Braun	Postdoctoral Fellow (1998-2003)	Research Associate, Fred Hutchinson Cancer Center
Dr. Viola Ellison	Postdoctoral Fellow (1994-2004)	Asst. Prof/Indiana University
Dr. Andrei Chabes	Postdoctoral Fellow (2001-2004)	Asst. Prof/Umeå University, Sweden
Dr. Juan Méndez	Postdoctoral Fellow (1996-2004)	Asst. Prof/Spanish Natl. Cancer Cntr.
Dr. Santhosh Vadivelu	Postdoctoral Fellow (2003-2006)	Scientific Advisor, Heller Ehrmann, LLP
Dr. Christian Speck	Postdoctoral Fellow (2000-2006)	Asst. Prof/Medical Research Council
Dr. Supriya Prasanth	Postdoctoral Fellow (2001-2007)	Asst. Prof/Univ. of Illinois, Urbana
Dr. Maarten Hoek	Postdoctoral Fellow (2001-2007)	Senior Research Scientist, Merck & Co.
Dr. Khalid Siddiqui	Graduate Student (2001-2007)	
	Postdoctoral Fellow (2007-2008)	Postdoc. Fellow/Cancer Research UK.

SABBATICAL VISITORS

Dr. Nicholas Heintz	1984-1985
Dr. Nicholas Muzyczka	1992-1993
Dr. Carol Prives	1993-1994
Dr. John Scott	1993-1994
Dr. R. Sanders Williams	1995-1996
Dr. Deepak Bastia	1998
Dr. Adriana Hemerly	2005-2007
Dr. Carolina Elias	2009

UNDERGRADUATE RESEARCH STUDENTS (last known position)

Dr. Catherine Chen	1984	
Dr. Stuart A. MacNeill	1985	Reader / University of St. Andrews
Dr. Martin Horvath	1986	Assoc. Prof. of Biology / Univ. of Utah
Dr. Andrew Millar	1987	Chair of Systems Biology / Univ. of Edinburgh
Dr. Junjiro Horiuchi	1988	Assoc. Prof./Tokyo Metropolitan Univ., Japan
Dr. Ellen Gadbois	1989	Sr. Science Policy Analyst – National Bioethics Advisory Committee
Dr. Clare Baker	1990	Univ. Lecturer/ Univ. of Cambridge, UK
Dr. Clark Chen	1991	Postdoc. Fellow / Dana Farber Cancer Inst. & Harvard Medical School

Dr. Rebecca Smith	1992	Co-Director, Science & Health, Education Partnership/UCSF
Dr. Fiona Thistlewaite	1993	Consultant Medical Oncology / Christie Hosp NHS Fdn Trust
Dr. Yong Yu	1994	Prof/Shanghai Jiao Tong Univ., China
Dr. Brian D. Hoerneman	1995	Emergency Medicine Physician / WI
Dr. Bilyana Georgieva	1996	Techology Specialist / WilmerHale
Todd Morgan	1998	
Kelly Brown	1999	
Dr. Eileen Woo	2000	Grad. Fellow / Rockefeller Univ.
Ms. Laura Burrack	2001	Grad. Student / Harvard Med. School
Ms. Heeran Buhecha	2004	Grad. Student / Wellcome Trust Cancer Research UK Gurdon Instit.
Mr. Krishnan Palaniappan	2005	Grad. Student / UC Berkeley
Mr. Kipp Weiskopf	2006	Med. Sci. Training Program / Stanford University
Ms. Cherline Lee	2007	Tuskegee Univ.
Mr. Walter Barry	2008	Research Assistant, Rockefeller University
Mr. Michael Matthew	2009	Student at Univ. of Arizona