

Dieter W. Gruenwedel

List of Publications

1. Ohlmeyer, Paul, and Dieter Gruenwedel. 1958. Alkoholdehydrase aus Trockenhefe. *Zeitschrift fuer Naturforschung* 13b:138.
2. Ohlmeyer, P., D. Gruenwedel and E. Hahn. 1959. Uber die Maceration von Hefe, I. Hoppe-Seyler's *Zeitschrift fuer Physiologische Chemie* 314:6-II.
3. Gruenwedel, Dieter W., and Norman Davidson. 1966. Complexing and denaturation of DNA by methylmercuric hydroxide. I. Spectrophotometric studies. *Journal of Molecular Biology* 21:129-144.
4. Gruenwedel, Dieter W., and Norman Davidson. 1967. Complexing and denaturation of DNA by methylmercuric hydroxide. II. Ultracentrifugation studies. *Biopolymers* 5:847-861.
5. Gruenwedel, Dieter W. March 1968. Multidentate coordination compounds. Chelating properties of aliphatic amines containing α -pyridyl residues and other aromatic ring systems as donor groups. *Inorganic Chemistry* 7(3):495-501.
6. Gruenwedel, Dieter W., and Chi-Hsia Hsu. 1969. Salt effects on the denaturation of DNA. *Biopolymers* 7:557-570.
7. Gruenwedel, Dieter W., and Don S. Lu. 1970. Changes in the sedimentation characteristics of DNA due to methylmercuration. *Biochemical and Biophysical Research Communications* 40(3):542-548.
8. Gruenwedel, Dieter W., Chi-Hsia Hsu and Don S. Lu. 1971. The effects of aqueous neutral-salt solutions on the melting temperatures of deoxyribonucleic acids. *Biopolymers* 10:47-68.
9. Gruenwedel, Dieter W., and Rabindra K. Patnaik. July 1971. Release of hydrogen sulfide and methyl mercaptan from sulfur-containing amino acids. *Journal of Agricultural and Food Chemistry* 19(4):775-779.
10. Gruenwedel, Dieter W., and Joseph C.C. Fu. Sept. 1971. Mercurated dextran column chromatography for fractionating mononucleotides. *Proceedings of the National Academy of Sciences* 68(9):2002-2005.
11. Gruenwedel, Dieter W. 1972. Conformation of single-stranded polynucleotides. Sedimentation behavior of methylmercurated synthetic poly[d(A-T)]. *European Journal of Biochemistry* 25(3):544-549.
12. Gruenwedel, Dieter W., and Victor Chu. 1972. The effects of pH and metal ions on the pyridoxal-metal ion catalyzed desulfhydration of sulfur-containing amino acids. Model studies regarding sulfide blackening in food cans. *Lebensmittel-Wissenschaft und Technologie* 5(2):39-42.
13. Gruenwedel, Dieter W., and Hsien-Chung Hao. March 1973. Model studies regarding the internal corrosion of tin-plated food cans. III. On the binding of

- tin(II) ions and iron(II) ions by sulfur containing amino acids. *Journal of Agricultural and Food Chemistry* 21(2):246-250.
14. Gruenwedel, D.W., and R.K. Patnaik. Oct. 1973. Model studies regarding the internal corrosion of tin-plated food cans. IV. Polarographic investigation of the interaction of tin(II)-ions with L-cysteine. *Chemie Mikrobiologie Technologie der Lebensmittel* 2(4):97-101.
 15. Gruenwedel, D.W. 1974. Salt effects on the denaturation of DNA. III. A calorimetric investigation of the transition enthalpy of calf thymus DNA in Na_2SO_4 solutions of varying ionic strength. *Biochimica et Biophysica Acta* 340:16-30.
 16. Gruenwedel, D.W. July 1975. Salt effects on the denaturation of DNA. IV. A calorimetric study of the helix-coil conversion of the alternating copolymer poly[d(AT)]. *Biochimica et Biophysica Acta* 395:246-257.
 17. Gruenwedel, D.W., M.G. Heskett and J.E. Lammert. Aug. 1975. Quantitative separation of nucleotides on mercurated dextran. *Biochimica et Biophysica Acta* 402:7-19.
 18. Fu, Joseph C.C., and Dieter W. Gruenwedel. Feb. 1976. Salt effects on the denaturation of DNA. V. Preferential interactions of native and denatured calf thymus DNA in Na_2SO_4 solutions of varying ionic strength. *Biopolymers* 15:265-282.
 19. Fu, Joseph C.C., and Dieter W. Gruenwedel. June 1976. Preferential solvation of methylmercurated calf thymus deoxyribonucleic acid. *Archives of Biochemistry and Biophysics* 174:402-413.
 20. Chu, Victor C.W., and Dieter W. Gruenwedel. Nov. 1976. On the reaction of methylmercuric hydroxide and methylcobalamin. *Zeitschrift fuer Naturforschung* 31c:753-755.
 21. Chu, Victor C.W., and Dieter W. Gruenwedel. Feb. 1977. On the Hg(II)-induced demethylation of methylcobalamin. *Bioinorganic Chemistry* 7(2):169-186.
 22. Gruenwedel, D.W., and S.E. Brown. Jan. 1978. Sedimentation and viscosity of bacteriophage T7 DNA in presence of CH_3HgOH . *Biopolymers* 17:605-616.
 23. Gruenwedel, D.W., and B.L. Fordan. Oct. 1978. Effects of methylmercury(II) on the viability of HeLa S3 Cells. *Toxicology and Applied Pharmacology* 46:249-256.
 24. Gruenwedel, Dieter W., and Susan E. Brown. Feb. 1979. Methylmercury-induced sedimentation heterogeneity of T7 bacteriophage DNA. *Zeitschrift fuer Naturforschung* 34c(1/2):162-164.
 25. Gruenwedel, Dieter W., and Michael K. Cruikshank. March 1979. Effect of methylmercury(II) on the synthesis of deoxyribonucleic acid, ribonucleic acid and protein in HeLa S3 cells. *Biochemical Pharmacology* 28(5):651-655.

26. Clegg, Michael S., and Dieter W. Gruenwedel. April 1979. Circular dichroism and ultraviolet absorbance of calf thymus DNA in presence of CH_3HgOH . *Zeitschrift fuer Naturforschung* 34c(3/4):259-265.
27. Gruenwedel, Dieter W., and Michael K. Cruikshank. Aug. 1979. The influence of sodium selenite on the viability and intracellular synthetic activity (DNA, RNA, and protein synthesis) of HeLa S3 cells. *Toxicology and Applied Pharmacology* 50(1):1-7.
28. Gruenwedel, Dieter W., John F. Glaser and Richard H. Falk. Sept. 1979. A scanning electron microscope study of the surface features of HeLa S3 suspension-culture cells treated with methylmercury(II). *Journal of Ultrastructure Research* 68(3):296-307.
29. Otsuki, Lauren G., and Dieter W. Gruenwedel. Aug. 1980. Methylmercury-chromosome interactions. I. Thermal denaturation of calf thymus chromatin in presence of CH_3HgOH . *Zeitschrift fuer Naturforschung* 35c(7/8):605-610.
30. Gruenwedel, D.W., and D. Friend. Sept. 1980. Long-term effects of methylmercury(II) on the viability of HeLa S3 cells. *Bulletin of Environmental Contamination and Toxicology* 25(3):441-447.
31. Gruenwedel, Dieter W. July 1981. Effect of methylmercury(II) on the size of HeLa S3 cells. *Virchows Archiv B: Cell Pathology* 37(2):153-166.
32. Gruenwedel, Dieter W., John F. Glaser and Michael K. Cruikshank. Sept. 1981. Binding of methylmercury(II) by HeLa S3 suspension-culture cells: Intracellular methylmercury levels and their effect on DNA replication and protein synthesis. *Chemico-Biological Interactions* 36(3):259-274.
33. Gruenwedel, Dieter W., and Babou Diahm. July 1982. Methylmercury(II)-induced histone perturbations in nuclei isolated from calf thymus. *Molecular Pharmacology* 22(1):121-126.
34. Lynch, S.C., D.W. Gruenwedel and G.F. Russell. Oct. 1983. Mutagenic activity of a nitrosated early Maillard product: DNA synthesis (DNA repair) induced in HeLa S3 carcinoma cells by nitrosated 1-(N-L-tryptophan)-1-deoxy-D-fructose. *Food and Chemical Toxicology* 21(5):551-556.
35. Gruenwedel, D.W. 1984. Differential effects of sodium selenite and methylmercury(II) on membrane permeability and DNA replication in HeLa S3 carcinoma cells: A preliminary report regarding the modification of organomercurial toxicity by selenium compounds. p.229-240, IN: Mendel Friedman (ed.), Nutritional and Toxicological Aspects of Food Safety, Advances in Experimental Medicine and Biology Vol. 177, Plenum Press, New York.
36. Gruenwedel, D.W., S.C. Lynch and G.F. Russell. 1984. The influence of 1-(N-L-tryptophan)-1-deoxy-D-fructose [FRU-TRP] and its N-nitrosated analogue [NO-FRU-TRP] on the viability and intracellular synthetic activity (DNA, RNA, and protein synthesis) of HeLa S3-carcinoma cells. p.269-285, IN: Mendel Friedman (ed.), Nutritional and Toxicological Aspects of Food Safety, Advances in Experimental Medicine and Biology Vol. 177, Plenum Press, New York.

37. Gruenwedel, Dieter W., and John R. Whitaker (eds.). 1984. Food Analysis; Principles and Techniques. Volume 1, Physical Characterization. Marcel Dekker, New York, 338 pp.
38. Gruenwedel, Dieter W., and John R. Whitaker (eds.). 1984. Food Analysis; Principles and Techniques. Volume 2, Physicochemical Techniques, Marcel Dekker, New York, 591 pp.
39. Gruenwedel, Dieter W., and John R. Whitaker (eds.). 1985. Food Analysis; Principles and Techniques. Volume 3, Biological Techniques, Marcel Dekker, New York, 395 pp.
40. Gruenwedel, Dieter W. 1985. Cell and tissue culture methodology in food research. p.127-269, IN: Dieter W. Gruenwedel and John R. Whitaker (eds.), Food Analysis; Principles and Techniques, Volume 3, Biological Techniques, Marcel Dekker, New York.
41. Gruenwedel, Dieter W. Oct. 1985. Circular dichroism of micrococcal nuclease-treated calf thymus chromatin (soluble chromatin) in presence of CH₃HgOH. *Journal of Inorganic Biochemistry* 25(2):109-120.
42. Gruenwedel, Dieter W., and John R. Whitaker (eds.). 1987. Food Analysis; Principles and Techniques, Volume 4, Separation Techniques, Marcel Dekker, New York, 458 pp.
43. Lynch, Susan C., Pamela J. Eckert and Dieter W. Gruenwedel. 1987. Induction of DNA repair in HeLa S3 carcinoma cells by the N-nitroso derivatives of 1-(N-L-tryptophan)-1-deoxy-D-fructose and 1-(5-hydroxytryptamino)-1-deoxy-D-fructose. p.274-276, IN: H. Bartsch, I.K. O'Neill and E. Schulte-Hermann (eds.), Relevance of N-Nitroso Compounds to Human Cancer: Exposures and Mechanisms, IARC Scientific Publication No. 84, International Agency for Research on Cancer, Lyon, France.
44. Gruenwedel, Dieter W., and Michael K. Cruikshank. Nov. 1989. Mercury-induced transitions between right-handed and putative left-handed forms of poly[d(A-T)•d(A-T)] and poly[d(G-C)•d(G-C)]. *Nucleic Acids Research* 17(22):9075-9086.
45. Gruenwedel, Dieter. Dec. 1989. Hg(II)-induced changes in DNA-circular dichroism: Reversible transitions between right-handed and left-handed screwness. *Zeitschrift fuer Naturforschung* 44(11-1):1015-1019.
46. Gruenwedel, Dieter W., and Michael K. Cruikshank. Feb. 1990. Mercury-induced DNA polymorphism: Probing the conformation of Hg(II)-DNA via Staphylococcal nuclease digestion and circular dichroism measurements. *Biochemistry* 29(8):2110-2116.
47. Lin, I-N.C., and D.W. Gruenwedel. June 1990. Mutagenicity and cytotoxicity of N-nitrosothiazolidine-4-carboxylic acid. *Food Additives and Contaminants* 7(3):357-368.

48. Gruenwedel, Dieter W. 1990. Industrial and environmental chemicals in the human food chain. Part I: Inorganic chemicals. Chapter 4, Part A, p.129-181, IN: Carl K. Winter, James N. Seiber and Carole F. Nuckton (eds.), Chemicals in the Human Food Chain, Van Nostrand Reinhold, New York.
49. Lopez, Mercedes G., and Dieter W. Gruenwedel. June 1991. Synthesis of aromatic Amadori compounds. *Carbohydrate Research* 212:37-45.
50. Gruenwedel, Dieter W., and Michael K. Cruikshank. July 1991. Changes in poly[d(T-G)•d(C-A)] chirality due to Hg(II)-binding: Circular dichroism (CD) studies. *Journal of Inorganic Biochemistry* 43(1):29-36.
51. Gruenwedel, D.W. 1993. Nucleic acids: Properties and determination. p.3259-3264, IN: R. Macrae, R.K. Robinson and M.J. Sadler (eds.), Encyclopaedia of Food Science, Food Technology, and Nutrition, Vol. 5, Academic Press, London.
52. Ok, Seung Ryong, and Dieter W. Gruenwedel. June 1993. Differential effect of Hg(II) on [d(A)_n•d(T)_n] and [d(A-T)_n•d(A-T)_n] sequences: Circular dichroism (CD) measurements and endonuclease digestion studies using poly[d(A)•d(T)] and poly[d(A-T)•d(A-T)] as substrates. *Zeitschrift für Naturforschung* 48(5-6):488-494.
53. Gruenwedel, Dieter W., Michael K. Cruikshank and Gary M. Smith. Dec. 1993. Effect of Hg(II) on d(GCGCATATGCGC)₂ conformation: UV absorption and circular dichroism studies. *Journal of Inorganic Biochemistry* 52(4):251-261.
54. Gruenwedel, Dieter W. Jan. 1994. The mercury(II) and high-salt-induced conformational B↔Z transitions of poly[d(G-m⁵C)•d(G-m⁵C)] as studied by non-polarized (ultraviolet) and circularly polarized (CD) ultraviolet spectroscopy. *European Journal of Biochemistry* 219(1-2):491-496.
55. Gruenwedel, Dieter W. Oct. 1994. Effect of Hg(II) on the spectroscopic properties of poly[d(A-T)•d(A-T)] and poly[d(A)•d(T)] and their constituent subunits (deoxyadenosine and thymidine monomers and dimers). *Biophysical Chemistry* 52(2):115-123.
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Reports, Regular Distribution

1. Farrow, R.P., J.E. Charbonneau, and D.W. Gruenwedel. March 1972. The Tin Plate Producers - CMI-NCA Research Program on the Cause and Prevention of 'Sulfide Black' in Canned Foods. National Cannery Association Research Foundation, Washington, D.C., 113 pp.
2. Gruenwedel, Dieter. May 1992. Metabolismus von Amadori-Verbindungen. Deutsche Apotheker Zeitung 132(22):1204.

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Abstracts

1. Gruenwedel, D.W., and N. Davidson. Feb. 1965. Methylmercury complexes with DNA. Proceedings - Biophysical Society, Ninth Annual Meeting, San Francisco. *Biophysical Journal* 5:A-49.
2. Gruenwedel, D.W., and N. Davidson. Aug. 1966. Spectrophotometric studies of complexing and denaturation of DNA by methylmercuric hydroxide. p.58, IN: Proceedings - Pacific Slope Biochemical Conference, 1966 Annual Meeting, Eugene, Oregon.
3. Gruenwedel, D.W., and N. Davidson. June 1967. Ultracentrifugation studies of complexing and denaturation of DNA by methylmercuric hydroxide. p.129, IN: Proceedings - Pacific Slope Biochemical Conference, 1967 Annual Meeting, Davis, California.
4. Gruenwedel, D.W., and C.H. Hsu. Sept. 1968. Salt effects on the denaturation of DNA. p.2, IN: Proceedings - Pacific Slope Biochemical Conference, 1968 Annual Meeting, Santa Barbara, California.
5. Gruenwedel, D.W., C.H. Hsu, and D.S. Lu. Feb. 1969. Salt effects on the melting temperatures of nucleic acids. Biophysical Society Thirteenth Annual Meeting, Los Angeles, California. *Biophysical Journal* 9:A-53.
6. Gruenwedel, D.W., and D.S. Lu. Feb. 1970. Complexing and denaturation of DNA by methylmercuric hydroxide. III. Sedimentation velocity studies. Biophysical Society Fourteenth Annual Meeting, Baltimore, Maryland. *Biophysical Journal* 10:169a.
7. Lu, D.S., and D.W. Gruenwedel. June 1970. Changes in the hydrodynamic properties of DNA due to methylmercuration. p.4, IN: Proceedings - Pacific Slope Biochemical Conference, 1970 Annual Meeting, San Diego, California.
8. Gruenwedel, D.W., C.H. Hsu and D.S. Lu. June 1970. The effects of aqueous salt solutions on the thermal stability of deoxyribonucleic acids. p.39, IN: Proceedings - Extreme Environments: Mechanisms of Microbial Adaptions, National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California.
9. Gruenwedel, D.W., and D.S. Lu. Feb. 1971. Conformation of single-stranded polynucleotides: Sedimentation behavior of methylmercurated synthetic poly [d(A-T)]. Biophysical Society Fifteenth Annual Meeting, New Orleans, Louisiana. *Biophysical Journal* 11:209a.
10. Gruenwedel, D.W. Aug. 1974. On the use of mercurated dextran for fractionating nucleic acid components. p.20, IN: Proceedings - Pacific Slope Biochemical Conference, 1974 Annual Meeting, Riverside, California.
11. Fu, J.C.C., and D.W. Gruenwedel. Feb. 1975. Preferential interactions of native and denatured calf thymus DNA in aqueous Na₂SO₄ solutions of varying ionic

strength. Biophysical Society Nineteenth Annual Meeting, Philadelphia, Pennsylvania. *Biophysical Journal* 15:93a.

12. Gruenwedel, D.W. June 1975 A calorimetric study of the helix-coil conversion of the alternating copolymer poly [d(A-T)]. p.34, IN: Proceedings - Pacific Slope Biochemical Conference, 1975 Annual Meeting, Honolulu, Hawaii.
13. Gruenwedel, D.W., and S.E. Brown. Feb. 1977. Frictional properties of bacteriophage T7 DNA in presence of methylmercuric hydroxide, CH₃HgOH. Proceedings - Biophysical Society Twenty-First Annual Meeting, New Orleans, Louisiana. *Biophysical Journal* 17:293a.
14. Gruenwedel, D.W., and S.E. Brown. June 1977. Frictional properties of bacteriophage T7 DNA in presence of methylmercuric hydroxide. p.14, IN: Proceedings - Pacific Slope Biochemical Conference, 1977 Annual Meeting.
15. Gruenwedel, D.W., J.F. Glaser, and R.H. Falk. June 1979. A scanning electron microscope study of the surface features of the outer plasma membrane of HeLa S3 cells treated with methylmercury(II). p.41, IN: Proceedings, Pacific Slope Biochemical Conference, 1979 Annual Meeting, Reno, Nevada.
16. Gruenwedel, D.W., and M.S. Clegg. Oct. 1979. Circular dichroism of calf thymus DNA in presence of CH₃HgOH. Abstract No. 89, p.51, IN: Proceedings - 1979 Pacific Conference on Chemistry and Spectroscopy (15th Western Regional American Chemical Society Meeting and 18th Pacific Meeting of the Society for Applied Spectroscopy), Pasadena, California.
17. Gruenwedel, Dieter W., and Lauren G. Otsuki. May 1980. Thermal denaturation of calf thymus chromatin in presence of CH₃HgOH. American Society of Biological Chemists and Biophysical Society 1980 Annual Meeting, New Orleans, Louisiana. *Federation Proceedings* 39(6):1885.
18. Gruenwedel, D.W. April 1982. Methylmercury(II)-induced histone perturbations in nuclei isolated from calf thymus. FASEB 66th Annual Meeting, New Orleans, Louisiana. *Federation Proceedings* 41(4):1463 (Abstract No. 6973).
19. Lynch, S.C., D.W. Gruenwedel and G.F. Russell. Oct. 1982. The influence of 1-(N-L-tryptophan)-1-deoxy-D-fructose [FRU-TRP] and its nitrosated analogue [NO-FRU-TRP] on the viability and intracellular synthetic activity (DNA, RNA, and protein synthesis) of HeLa S3 carcinoma cells. p.79, IN: 1982 Pacific Conference on Chemistry and Spectroscopy (18th Western Regional American Chemical Society meeting and 21st Pacific Meeting of the Society for Applied Spectroscopy), San Francisco, California.
20. Gruenwedel, Dieter W. May 1983. Effect of methylmercury(II) on chromatin structure: Circular dichroism studies. 74th Annual Meeting of the American Society of Biological Chemists, San Francisco, California. *Federation Proceedings* 42(7):1956 (Abstract No. 1162).
21. Gruenwedel, D.W., S.C. Lynch and G.F. Russell. Sept. 1983. Evidence for the mutagenic potential of a nitrosated early Maillard product: The influence of nitrosated 1-(N-L-tryptophan)-1-deoxy-D-fructose on replication, transcription, and translation in HeLa S3 carcinoma cells. p.34-35, IN: J.V.

McLoughlin and B.M. McKenna (eds.), Research in Food Science and Nutrition, V.3, Human Nutrition, Proceedings of the Sixth International Congress of Food Science and Technology, Dublin, Ireland, Boole Press, Dublin.

22. Eckert, Pamela J., and Dieter W. Gruenwedel. June 1985. Induction of DNA repair in HeLa S3 carcinoma cells by N-nitroso-deoxy-1-(5-hydroxytryptamino)-D-fructose. p.20, IN: Proceedings, 1985 Pacific Slope Biochemical Conference, University of California, Riverside, California.
23. Gruenwedel, D.W. Aug. 1985. Methylmercury-induced perturbations of chromatin structure: Circular dichroism studies. p.642, Abstract #FR-011, IN: Abstracts, 13th International Congress of Biochemistry, Amsterdam, The Netherlands.
24. Gruenwedel, D.W., S.C. Lynch and P.J. Eckert. Aug. 1986. Mutagenicity of N-nitrosated fructose-amino acids (N-nitroso Amadori compounds). 17th FEBS Meeting, Berlin, West Germany. Biological Chemistry (Hoppe-Seyler) 376(Suppl.):218 (Abstract No. 24.02.03).
25. Gruenwedel, D.W. June 1987. Anti-nutritional and toxicology aspects of Maillard reaction products. p.159, IN: Program and Abstracts, 47th Annual IFT Meeting, Institute of Food Technologists, Las Vegas, Nevada (Abstract No. 358).
26. Lopez, M.G., and D.W. Gruenwedel. June 1988. Chemical synthesis of Amadori compounds. p.197, IN: IFT 88, Program and Abstracts, Annual Meeting, Institute of Food Technologists, New Orleans (Abstract No.502).
27. Gruenwedel, Dieter W., Susan C. Lynch and Pamela J. Eckert. Sept. 1988. Mutagenicity of N-nitrosated fructose amino acids [N-nitroso Amadori compounds]. p.17, IN: Abstracts, NIH Conference on the Maillard Reaction in Aging, Diabetes and Nutrition, Bethesda, Maryland.
28. Gruenwedel, D.W. 1989. Mercury-induced DNA polymorphism: Circular dichroism studies. 1989 Joint Meeting of the American Society for Cell Biology and the American Society for Biochemistry and Molecular Biology, San Francisco, California. Journal of Cell Biology 107:86a (Abstract No. 470).
29. Godinot, Nathalie, and Dieter W. Gruenwedel. June 1989. Effects of lysinoalanine on metabolism and intracellular calcium levels of cultured baby hamster kidney (BHK21) cells. p.25, IN: California Dairy Foods Research Center Annual Research Conference, Progress Summaries.
30. Gruenwedel, D.W. Nov. 1990. Effect of Hg(II) on DNA circular dichroism. p.97, IN: 1990 Pacific Conference on Chemistry and Spectroscopy, San Francisco, California (Abstract No. 186).
31. Lopez, M.G., and D.W. Gruenwedel. June 1991. Maillard reaction intermediates: Synthesis and toxicity. p.236, IN: Program and Abstracts, Annual IFT Meeting, Institute of Food Technologists, Anaheim, California (Abstract No. 692).
32. Ok, S.R., and D.W. Gruenwedel. June 1992. The effect of mercury on the rate of DNase I: A proof for mercury-induced DNA polymorphism. IN: Program and

Abstracts, Annual IFT Meeting, Institute of Food Technologists, New Orleans, LA.

33. Gruenwedel, D.W., S.R. Ok and M.K. Cruikshank. July 1992. Effect of mercuric perchlorate on DNA conformation. p.73, IN: 29th International Conference on Coordination Chemistry Abstracts, Lausanne, Switzerland (Abstract No. P185).
34. Gruenwedel, D.W., S.R. Ok and M.K. Cruikshank. June 1993. Differential effect of mercury(II) on DNA structure. ASBMB/ACS-DBC Joint Meeting, San Diego, California (Abstract was accepted for presentation; however, due to teaching conflicts, DWG could not present the paper and he could not send one of his collaborators because they had run out of funds).