

Randie R. Little, PhD
Co-Director
Diabetes Diagnostic Laboratory
University of Missouri

COMPLETE LIST OF PUBLICATIONS:

Journal Articles/Book Chapters

Carlson AD, Copeland J, **Raderman R**, Bullock A: Role of interflash intervals in firefly courtship (Photinus macdermotti). Anim Behav 24:786-792, 1976.

Carlson AD, Copeland J, **Raderman R**, Bullock A: Response patterns of female Photinus macdermotti firefly to artificial flashes. Anim Behav 25:407-413, 1977.

Raderman-Little R: Degeneration and renewal of taste buds in catfish. Ph.D. Dissertation, Florida State University, 1977.

Caprio J, **Raderman-Little R**: Scanning electron microscopy of the channel catfish olfactory lamellae. Tissue and Cell, 10:1-9, 1978.

Raderman-Little R: The effect of temperature on the turnover of taste bud cells in catfish. Cell and Tissue Kinet 12:269-280, 1978.

Goldstein DE, Parker KM, England JD, England Jr JE, Wiedmeyer H, Rawlings SS, Hess R, **Little RR**, Simonds JF, Breyfogle RP: Clinical application of glycosylated hemoglobin measurements. Diabetes 36:70-78, 1982.

Little RR, Parker KM, England JD, Goldstein DE: Glycosylated hemoglobin in Mystromys albicaudatus: A diabetic animal model. Lab Anim Sci 32:44-47, 1982.

Goldstein D, Wiedmeyer H, England JD, **Little RR**, Parker KM: Glycosylated protein measured from whole blood spotted on filter paper. Clin Chem (letter) 28:386, 1982.

Klenk DC, Hermanson GT, Krohn RI, Fujimoto EK, Mallia AK, Smith PK, England JD, Wiedmeyer HM, **Little RR**, Goldstein DE: Determination of glycosylated hemoglobin by affinity chromatography: comparison with reference methods and effects of common interferences. Clin Chem 28:2088-2094, 1982.

Little RR, England JD, Wiedmeyer HM, Goldstein DE: Glycosylated hemoglobin measured by affinity chromatography: Micro-sample collection and room-temperature storage. Clin Chem 29:1080-1082, 1983.

Little RR, England JD, Wiedmeyer HM, Goldstein DE: Effects of whole blood storage on results for glycosylated hemoglobin as measured by ion-exchange chromatography, affinity chromatography and colorimetry. Clin Chem 29:1113-1115, 1983.

Little RR, Parker KM, Goldstein DE: Biochemical assessment of diabetic status in Mystromys albicaudatus. In E. Shafir and A.E. Renold, (eds): Lessons from Animal Diabetes, John Libbey and Co, London, 1984.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, Parker KM: Recent advances in glycosylated hemoglobin measurements. In: Critical Reviews in Clinical Laboratory Sciences. 21(3):187-228, 1984.

Randie R. Little, PhD: Complete List of Publications

Little RR, Wiedmeyer HM, England JD, Knowler WC, Goldstein DE: Measurement of glycosylated whole blood protein for assessing glucose control in diabetes: Collection and storage of capillary blood on filter paper. *Clin Chem* 31:213-216, 1985.

Goldstein DE, **Little RR**, England, JD, Wiedmeyer HM, McKenzie EM: Measurement of glycosylated hemoglobin: High performance liquid chromatographic and thiobarbituric acid colorimetric methods. In: *Methods in Diabetes Research, Volume II: Clinical Methods*, Clarke WL, Larner J and Pohl SL, eds. New York: Wiley & Sons, Inc.: 475-504, 1986

Little RR, England JD, Wiedmeyer HM, Erhart PM, Mitra R, Durham JB, Goldstein DE: Interlaboratory standardization of glycated hemoglobin determinations. *Clin Chem* 32:358-360, 1986.

Little RR, McKenzie EM, Wiedmeyer HM, England JD, Goldstein DE: Collection of blood on filter paper for measurement of glycated hemoglobin by affinity chromatography. *Clin Chem* 32:869-871, 1986.

Little RR, Goldstein DE: A commercially available sample paper collection method for measuring glycated hemoglobin evaluated: Are all of these people diabetic? *Clin Chem* 32:898, 1986.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, McKenzie EM: Glycosylated hemoglobin: Methodologies and clinical applications. In: *Proceedings of the 9th Annual Arnold O. Beckman Conference. Diabetes Mellitus: From theory to therapy.* *Clin Chem* 32(10b):B64-78, 1986.

Goldstein DE, **Little RR**: Use of glycosylated hemoglobin in the care of the diabetic patient. American Society of Clinical Pathologists Check Sample Continuing Education Program, Clinical Chemistry No. cc86-6(cc-174), 1986.

Little RR, Goldstein DE: Reassessment of GHB measurement from blood dried on filter paper. *Letter to Editor, Diabetes Care* 11: 222-223, 1988.

Little RR, England JE, Wiedmeyer HM, McKenzie EM, Pettitt DJ, Knowler WC, Goldstein DE: Relationship of glycosylated hemoglobin to oral glucose tolerance: Implications for diabetes screening. *Diabetes* 37:60-64, 1988.

Little RR, Goldstein DE: More on glycated hemoglobin measurement from samples dried on filter paper. *Clin Chem (letter)* 33:741, 1987.

Goldstein DE, **Little RR**, Wiedmeyer HM, England, JD, McKenzie EM: Getting the most out of glycated hemoglobin determinations. *AACC ENDO* 7:7-20, 1989.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JP, Rohlfing C, Hoepfer M, Oermann CM: Educational Uses of Glycated Hemoglobin Determinations. In: *Proceedings of Symposium, "Glycated Proteins in Diabetes Mellitus"*, Adelaide, South Australia, ed. Ryall RG.:165-177, 1990.

Goldstein DE, **Little RR**, England JD, Wiedmeyer HM, McKenzie EM: Glycated hemoglobin: Is it a useful screening test for diabetes mellitus? In: *Frontiers of diabetes research: Current trends in non-insulin dependent diabetes mellitus.* Alberti, Mazze, (eds). Amsterdam, Excerpta Medica: 141-152, 1989.

Little RR, McKenzie EM, Shyken JM, Winkelmann SE, Ramsey LM, Madsen RW, Goldstein DE: Lack of relationship between glucose tolerance and complications of pregnancy in nondiabetic women. *Diabetes Care* 13:483-87, 1990.

Little RR, Wiedmeyer HM, England JD, Naito HK, Goldstein DE: Inter-laboratory comparison of glycated hemoglobin results: College of American Pathologists (CAP) survey data. *Clin Chem* 37:1725-29, 1991.

Randie R. Little, PhD: Complete List of Publications

Little RR, Goldstein DE: Long term glucose monitoring in diabetes mellitus: glycated proteins. Lab Med CE-Update Article. Laboratory Medicine 23:533-538, 1992.

Little RR, Goldstein DE: Filter paper/affinity chromatography vs. venipuncture/HbA1 ion-exchange chromatography. Diabetes Care (Letter) 14:767, 1991.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, Rohlfing CL: Glycohemoglobin testing in diabetes mellitus: assay methods and clinical interpretation. In: Vasselli JR, Maggio CA, Scriabine A, eds. Drugs in development, Vol. I Alpha-Glucosidase Inhibition: Potential Use in Diabetes. Branford, CT: Neva Press: 253-267, 1993.

Feichtner M, Ramp J, England B, Knudson M, **Little R**, England J, Goldstein D, Wynn A: Affinity binding assay of glycohemoglobin by two-dimensional centrifugation referenced to hemoglobin A1c. Clin Chem 38:2372-2379, 1992.

Bodor G, **Little R**, Garrett N, Brown W, Goldstein D, Nahm M: Standardization of glycohemoglobin determinations in the clinical laboratory: three years experience. Clin Chem 38:2414-2418, 1992.

Little RR, Wiedmeyer HM, England JD, Wilke AL, Rohlfing CL, Wians FH, Jacobson JM, Zellmer V, Goldstein DE: Interlaboratory standardization of measurements of glycohemoglobin. Clin Chem 38:2472-2478, 1992.

Goldstein DE, Blinder KJ, Ide CH, Wilson RJ, Wiedmeyer HM, **Little RR**, England JD, Eddy M, Hewett JE, Anderson SK: Glycemic control and development of diabetic retinopathy: results of a 12 year longitudinal study. Ophthalmology 100:1125-1132, 1993.

Little RR, Goldstein DE: Yes, glycohemoglobin can be used to monitor glycemic control in all diabetic patients. Clin Chem News (Letter), 19:1993.

Little RR, Goldstein DE: Questionable accuracy of a filter paper method for measuring GHb: Response from Authors. Diabetes Care (letter) 16:856, 1993.

Little RR, Wiedmeyer HM, England JD, Rohlfing CL, Madsen RW, Goldstein DE, Groetsch H, Draeger E, Dichtl E, Hundt HKL, Swart KJ, van der Merwe JC: International Standardization of Glycohemoglobin Measurement: Practical Application. Clin Chem (letter) 39:2356, 1993.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, Rohlfing CL: Glycated haemoglobin estimation in the 1990s: a review of assay methods and clinical interpretation. In: Marshall SM, Home PD, eds. The Diabetes Annual/8. Amsterdam: Elsevier Science B.V:193-212, 1994.

Goldstein DE, **Little RR**: The Impact of the Diabetes Control and Complications Trial on the Clinical Laboratory. Clin Chem News (Viewpoints), 19:4, 1993.

Little RR, Goldstein: Measurements of glycated haemoglobin and other circulating glycated proteins. Research Methodologies in Human Diabetes - Part 1; ed. C.E. Mogensen and E. Standl. Berlin: Walter de Gruyter:299-317, 1994.

Little RR, England JD, Wiedmeyer HM, Madsen RW, Pettitt DJ, Knowler WC, Goldstein DE. Glycated haemoglobin predicts progression to diabetes mellitus in Pima Indians with impaired glucose tolerance. Diabetologia 37:252-256, 1994.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, Rohlfing CL, Wilke AL: Is glycohemoglobin testing useful in diabetes mellitus? Lessons from the Diabetes Control and Complications Trial. Clin Chem 40: 1637-40, 1994.

Randie R. Little, PhD: Complete List of Publications

Little RR, Eckfeldt JH: Review of results for specimen EC1-03 in 1993 EC-B survey. College of American Pathologists Electrophoresis Chromatography Survey EC-C:38-42, 1994.

Goldstein DE, **Little RR**: Optimal use of glycohemoglobin determinations: the rationale for standardization of assays. Tijdschr NVKC, 19:96-100, 1994.

Goldstein DE, **Little RR**: Commentary: More than you ever wanted to know (but need to know) about glycohemoglobin testing. Diabetes Care 17:938-9, 1994.

Goldstein DE, **Little RR**, Lorenz RA, Malone JI, Nathan D, Peterson CM: American Diabetes Association Technical Review on Tests of Glycemia. Diabetes Care 18:896-909, 1995.

Little RR, Goldstein DE: Standardization of Glycohemoglobin Measurement. Analytical Chemistry 67:393R-397R. 1995.

Little RR, Goldstein DE: Standardization of Glycohemoglobin Measurement. AACC Endo 13: 109-24, 1995.

Kullberg CE, Bergstrom A, Dinesen B, Larsson L, **Little RR**, Goldstein DE, Arnqvist HJ: Comparisons of Studies on Diabetic Complications Hampered by Differences in Glycated Hemoglobin Measurements. Diabetes Care 19:726-729, 1996.

Carter JS, Houston C, Gilliland SS, Perez GE, Owen C, Pathak D, **Little RR**: Rapid Hemoglobin A1c (HbA1c) Testing in a Community Setting. Diabetes Care 19:764-767, 1996.

Goldstein DE, **Little RR**: Bringing Order to Chaos: The National Glycohemoglobin Standardization Program. Contemporary Internal Medicine 9:27-32, 1997.

Little RR: The Diabetes Diagnostic Laboratory Insures Consistency for Diabetes Clinical Trials. Clinical Trials News, University of Missouri Health Sciences Center, Spring, 1997.

Goldstein DE, **Little RR**: Monitoring Glycemia in Diabetes: Short-term Assessment. Endocrinology and Metabolism Clinics of North America 26:475-486, 1997.

Harris MI, Flegal KM, Cowie MS, Eberhardt MS, Goldstein DE, **Little RR**, Wiedmeyer H-M: Prevalence of diabetes, impaired fasting glucose, and impaired glucose tolerance in U.S. adults: the Third National Health and Nutrition Examination Survey, 198-1994. Diabetes Care 21:518-524, 1998.

Peterson KP, Pavlovich JG, Goldstein D, **Little R**, England J, Peterson CM: What is hemoglobin A1c? An analysis of glycated hemoglobins by electrospray ionization mass spectrometry. Clin Chem 44:1951-58, 1998.

Rohlfing CL, **Little RR**, Wiedmeyer HM, England JD, Madsen R, Harris MI, Flegal KM, Eberhardt MS, Goldstein DE. Use of GHb (HbA1c) in Screening for Undiagnosed Diabetes in the U.S. Population. Diabetes Care 23:187-191, 2000.

Little R. Recent Progress in Glycohemoglobin (HbA1c) Testing. Diabetes Care (editorial) 23: 265-266, 2000.

Frank EL, Moulton L, **Little RR**, Wiedmeyer HM, Rohlfing C, Roberts WL. Effects of Hemoglobin C and S Traits on Seven Glycohemoglobin Methods. Clin Chem 46:864-86-867, 2000.

Harwell TS, McDowall JM, Eyer N, **Little RR**, Helgeson SD, Gohdes D. Laboratory testing for Microalbuminuria in the General Community. Diabetes Care 23:1028-1030, 2000.

Randie R. Little, PhD: Complete List of Publications

Rohlfing CL, **Little RR**, Wiedmeyer HM, England JD, Goldstein DE: Response to Herman et al. and Papoz et al: *Diabetes Care* 23:1208, 2000.

Rohlfing CL, **Little RR**, Wiedmeyer HM, England JD, Goldstein DE: Response to Davidson (Letter). *Diabetes Care* 24:414-15, 2000.

Rohlfing CL, Little RR, Wiedmeyer HM, England JD, Rife D, Derrick K, Kirchoff K, Suk D, Goldstein DE: Improved Glycemic Control in Childhood Diabetes: A 16-year Study. Selected for publication in *Daily Reviews*: 60th ADA Meeting, Medical Forum International, Zeist, The Netherlands, 2000.

Little RR. The National Glycohemoglobin Standardization Program (NGSP). In: John WG, ed. *Monitoring Glycaemic Control in the Diabetic Patient*. London: Harcourt Health Communications. 123-136, 2001.

Little RR, Rohlfing CL, Wiedmeyer HM, Myers GL, Sacks DB, Goldstein DE, for the NGSP Steering Committee. The National Glycohemoglobin Standardization Program: A Five-Year Progress Report. *Clin Chem* 47:1985-92, 2001

Roberts WL, Barun KD, Brown D, Hanbury CM, Hoyer JD, John WG, Lambert TL, Lundell RB, Rohlfing C, **Little RR**. Effects of hemoglobin C and S Trait on Eight Glycohemoglobin Methods. *Clin Chem* 48:383-5, 2002

Rohlfing CL, Wiedmeyer HM, **Little RR**, England JD, Tennill A, Goldstein DE. Defining the Relationship Between Plasma Glucose and Hemoglobin A1c (HbA1c): Analysis of Glucose Profiles and HbA1c in the Diabetes Control and Complications Trial. *Diab Care* 25:275-8, 2002

Little RR, Tennill AL, Rohlfing C, Wiedmeyer H, Khanna R, Goel S, Aggrawal A, Madsen R, Goldstein DE. Can Glycohemoglobin (GHB) be used to assess Glycemic Control in Patients with Chronic Renal Failure? *Clin Chem* 48:784-6, 2002

Rohlfing C, Wiedmeyer HM, **Little R**, Grotz LV, Tennill A, England J, Madsen R, Goldstein D. Biological Variation of Glycohemoglobin. *Clin Chem* 48:1116-8, 2002

Harwell T.S., **Little R.R.**, McDowall J.M., Helgersson S.D., Gohdes D. Laboratory Testing for Glycated Hemoglobin in the General Community: Are We Following the Clinical Recommendations? *Diab Technol & Therapeutics* 4:859-61, 2002

Little R.R., Rohlfing C. The Importance of Precision for HbA1c Measurement. *Diab Technol & Therapeutics* 5:979-981, 2003

Little R.R. Glycated Hemoglobin Standardization – NGSP Perspective. *Clin Chem Lab Med* 41:1191-1198, 2003

Harwell TS, Nelson RG, **Little RR**, McDowall JM, Helgersson SD, Gohdes D. Testing for microalbuminuria in 2002: Barriers to implementing current guidelines. *Amer J Kidney Dis*, 42:245-248, 2003.

Kimberly MM, Myers GL, **Little RR**. Clinical Laboratory Reference Networks. *Accred Qual Assur* 9:18-23, 2004.

Hoelzel W, Weykamp C, Jeppsson J-O, Miedema K, Barr JR, Goodall I, Hoshino T, John WG, Kobold U, **Little R**, et al. IFCC Reference System for Measurement of Hemoglobin A1c in Human Blood and the National Standardization Schemes in the United States, Japan, and Sweden: A Method-Comparison Study. *Clin Chem* 50:166-174, 2004.

Goldstein DE, **Little RR**, Lorenz RA, Malone JI, Nathan D, Peterson CM, Sacks D. Tests of Glycemia in Diabetes (2004 revision) *Diabetes Care* 27: 1761-1773, 2004

Randie R. Little, PhD: Complete List of Publications

Polage C, **Little RR**, Rohlfing CL, Cole TG, Roberts WL. Effects of Beta Thalassemia Minor on Results of Six Glycohemoglobin Methods. *Clin Chim Acta* 350: 123-128, 2004

Lahousen T, Hegenbarth K, Ille R, Lipp RW, Krause R, **Little RR**, Schnedl WJ. Determination of glycated hemoglobin in patients with advanced liver disease. *World Journal of Gastroenterology*, 10:2284-6, 2004.

Schnedl WJ, Lahousen T, Lang T, Lipp RW, Yonehara S, Fukunaga S, Imai T, **Little RR**. Determination of glycated hemoglobin in clinically silent hemoglobin variants. *Diabetes Metab Res Rev*. 20:460-5, 2004.

Little RR, Vesper H, Rohlfing CL, Ospina M, Sekineh SP, Roberts WL. Validation by a Mass Spectrometric Reference Method of Use of Boronate Affinity Chromatography to Measure Glycohemoglobin in the Presence of Hemoglobin S and C traits. *Clin Chem*, 51: 264-5, 2005.

Roberts WL, Safar-Pour S, De BK, Rohlfing CL, Weykamp CW, **Little RR**. Effects of Hemoglobin C and S Traits on Glycohemoglobin Measurements by Eleven Methods. *Clin Chem*, 51:776-8, 2005.

Steffes M, Cleary P, Goldstein D, **Little R**, Wiedmeyer HM, Rohlfing C, England J, Bucksa J, Nowicki M, and the DCCT/EDIC Research Group. Hemoglobin A1c measurements over Nearly Two Decades: Sustaining Comparable Values throughout the Diabetes Control and Complications Trial and the Epidemiology of Diabetes Interventions and Complications Study. *Clin Chem*, 51: 753-8, 2005

Little RR. Analysis: Point-of-Care Testing for Glycated Hemoglobin (GHB). *Diab Tech & Ther*, 7:913-15, 2006

Konnert A, Berding C, Arends S, Parvin C, Rohlfing C, Wiedmeyer H, **Little R**, Siebelder C, Weykamp C. Statistical Rules for Laboratory Networks. *J Testing & Eval*, 34:1-12, 2006.

Li C, Ford ES, McGuire LC, Mokdad AH, **Little RR**, Reaven GM. Trends in Hyperinsulinemia among nondiabetic adults in the US. *Diabetes Care*, 29:2396-2402, 2006.

Little RR, Rohlfing CL, Tennill AL, Connolly S, Hanson S. Effects of Sample Storage Conditions on Glycated Hemoglobin Measurement: Evaluation of Five Different HPLC Methods. *Diabetes Technology and Therapeutics* 9:36-42, 2007

Wiedmeyer HM, Polonsky KS, Myers GL, **Little RR**, Greenbaum CJ, Goldstein DE, Palmer JP. International Comparison of C-Peptide Measurements. *Clin Chem*, 53:784-787, 2007

LittleRR, Rohlfing CL. Proposed changes for Reporting HbA1c. *IVD Technology*, May 2007 .

Mosca A, Hoshino T, Jeppsson JO, John WG, **Little RR**, Miedema K, Myers GL, Reinauer H, Sacks DB, Weykamp CW. Global Standardization of Glycated hemoglobin measurement: the position of the IFCC Working Group. *Clin Chem Lab Med* 2007;45:1077-80

Ford ES, Li C, **Little R**, Mokdad AH. Trends in A1C Concentrations Among US Adults with Diagnosed Diabetes from 1999 to 2004. *Diabetes Care* 2008;31:102-4

Weykamp CW, John WG, Mosca A, Hoshino T, **Little RR**, Jeppsson JO, Goodall I, Miedema K, Myers GL, Reinauer H, Sacks DB, Slingerland R, Siebelder C. The IFCC Reference Measurement System for HbA1c: A 6-Year progress report. *Clin Chem* 2008;54:240-8

Little RR. What is A1C and What does it Measure. *Diabetes Health* 2008;April/May: 21.

Geistanger A, Arends S, Berding C, Hoshino T, Jeppsson J-O, **Little RR**, Siebelder C, Weykamp C. Statistical Methods for Monitoring the Relationship between the IFCC Reference Measurement Procedure

Randie R. Little, PhD: Complete List of Publications

for Hemoglobin A1c and the Designated Comparison Methods in the United States, Japan and Sweden. Clin Chem 54:1379-85, 2008

Little RR, Rohlfing CL, Tennill AL, Madsen RW, Polonsky KS, Greenbaum CJ, Myers GL, Palmer JP, Rogatsky E, Stein DT. Standardization of C-peptide Measurements. Clin Chem 54:1023-6, 2008.

Little RR, Rohlfing CR, Hanson S, Connolly S, Higgins T, Weykamp C, D'Costa M, Luzzi V, Owen WE, Roberts WL. Effects of hemoglobin E and D traits on glycosylated hemoglobin (HbA1c) Measurements by twenty-three methods. Clin Chem 54: 1277-82, 2008.

Rohlfing C, Connolly S, England J, Hanson S, Moellering C, Bachelder J, **Little R**. The effect of elevated fetal hemoglobin on HbA1c results: five common HbA1c methods compared to the IFCC reference method. Amer J Clin Path 129:811-4, 2008.

Mongia SK, **Little RR**, Rohlfing CL, Hanson S, Roberts RF, Owen WE, D'Costa MA, Reyes CA, Luzzi VI, Roberts WL. Effects of Hemoglobin C and S Traits on the Results of 14 Commercial Glycosylated Hemoglobin Assays. Am J Clin Pathol 130:136-140, 2008.

Alidasouqi SA, Gossain VV, **Little RR**. Undiagnosed Diabetes Equals Undiagnosed CVD: A call for more effective diabetes screening. Review of Endo1-3, 2009

Little RR, Sacks DB. HbA1c: How do we measure it and what does it mean? Current Opinion in Endocrinol, Diab & Obesity, 16:113-118, 2009.

Little RR, Roberts WL. A Review of Variant Hemoglobins Interfering with Hemoglobin A1c Measurement. J Diab Sci & Tech 3:446-451, 2009.

Little RR, Rohlfing CL. HbA1c Standardization: Background, Progress and Current Issues. LabMedicine 40:368-373, 2009.

Cernea S, Raz I, Herold KC, Hirshberg B, Roep BO, Schatz DA, Fleming GA, Possilli P, **Little R**, Schloot NC, Leslie RD, Skyler JS, Palmer JP. Challenges in developing endpoints for type 1 diabetes intervention studies. Diab Metab Res Rev 25:694-704, 2009.

Little RR, Rohlfing CL, Hanson SE, Roberts WL. Effects of hemoglobin C and S traits on Tosoh G8 and Siemens Advia HbA1c assays (letter to the Editor). Clin Chim Acta 411:779-780, 2010.

Little RR. Analysis of Point-of-Care and Over-the-Counter Testing Methods for Hemoglobin A1c: How Good Do they Need to be? J Diab Sci Tech 4:1-3, 2010

Little RR, Rohlfing CL, Sacks DB for the National Glycohemoglobin Standardization Program Steering Committee. Status of Hemoglobin A1c Measurement and Goals for Improvement: From Chaos to Order for Improving Diabetes Care. Clin Chem 57:205-214, 2011

Little RR. Commentary. Clin Chem 57: 156, 2011.

Little RR, Rohlfing CL, Commentary: Analytical goals for HbA1c: Are HbA1c results good enough for optimal use? J Diabetes 3:3-6, 2011

Little RR, Lenters-Westra E, Rohlfing CL, Slingerland R. Point-of-Care Assays for HbA1c: Convenient, but is Performance Adequate? Clin Chem 57:1333-1334, 2011.

Little RR. Usefulness of Glycosylated Albumin Assay for Diabetes Monitoring. J Diab Sci & Tech. 5:1463-5, 2011.

Randie R. Little, PhD: Complete List of Publications

Rohlfing CL, Hanson S, Tennill AL, **Little RR**. Effects of Whole Blood Storage on HbA1c Measurements with Five Current Assay Methods. *Diab Tech & Ther.*14:271-5, 2012.

Stoyanov AV, Rohlfing CL, Connolly S, Roberts ML, Nauser CL, **Little RR**. Use of cation exchange chromatography for human C-peptide isotope dilution – Mass spectrometric assay. *J Chromatogr.* 1218;9244-9, 2011.

Lin CN, Emery T, **Little RR**, Hanson SE, Rohlfing CL, Jaisson S, Gillery P. Effects of hemoglobin C,D,E, and S traits on measurements of HbA1c by six methods. *Clin Chim Acta* 2012; 413: 819-21.

Little RR, Rohlfing CL. The National Glycohemoglobin Standardization Program focuses on improving diabetes care. *Advance for Administrators of the Laboratory* 2012 <http://laboratory-manager.advanceweb.com/Features/Articles/Improving-the-Quality-of-HbA1c-Testing.aspx>

Little RR, Rohlfing CL. Improvements in HbA1c measurements. *Clin Lab Internatl.* 2011; <http://www.clin-online.com/index.php?id=32002011>

Little RR, Sacks DB. HbA1c: What do the numbers really mean? *The Lancet* 378:1068-9, 2011

Little RR. Analysis of the accuracy and precision of the Axis-Shield Afinion Hemoglobin A1c measurement device. *J Diab Sci Tech* 2012;6:387-8.

R.R. Little, C.L. Rohlfing, S.E. Hanson, R.L. Schmidt, C.-N. Lin, R.W. Madsen, and W.L. Roberts. The Effect of Increased Fetal Hemoglobin on 7 Common Hb A1c Assay Methods. *Clin Chem* 2012 58: 945-6

Shu I, Devaraj S, Hanson SE, **Little RR**, Wang P. Comparison of hemoglobin A1c measurements of samples with elevated fetal hemoglobin by three commercial assays. (letter) *Clin Chim Acta* 2012;413:1712-1713.

Little RR, Rohlfing CL, Tennill AL, Hanson SE, Connolly S, Higgins T, Wiedmeyer CE, Weykamp CW, Krause R, Roberts W. Measurement of HbA1c in patients with Chronic Renal Failure. *Clin Chim Acta* 2013;418:73-76.

Little RR, Rohlfing CL. The long and winding road to optimal HbA1c measurement. *Clin Chim Acta* 2013;418:63-71.

Stoyanov AV, Connolly S, Rohlfing CL, Rogatsky E, Stein D, **Little RR**. Human C-peptide Quantitation by LC-MS Isotope-Dilution Assay in Serum or Urine Samples. *J Chromat Separation Techniq* 2013;4:1-4.

Stoyanov AV, Rogatsky E, Stein D, Connolly S, Rohlfing CL, **Little RR**. Isotope dilution assay in peptide quantification: The challenge of microheterogeneity of internal standard. *Proteomics Clin. Appl.* 2013, 7:825-8.

Rohlfing CL, Parvin CA, Sacks DB, **Little RR**. Comparing Analytic Performance Criteria: Evaluation of HbA1c Certification Criteria as an Example. *Clin Chim Acta* 2014;433:259-263.

Little RR. Performance of HbA1c Assay Methods: Good Enough? *Clin Chem* 2014;60:1031-1033.

John WG, **Little R**, Sacks DB, Weykamp C, Lenters-Westra E, Hornsby T, Zhao Z, Siebelder C, Tennill A, English E. Multicentre evaluation of the Premier Hb9210 HbA1c analyser. *Clin Chem Lab Med* 2015;53:319-327.

Little RR, La'ulu SL, Hanson SE, Rohlfing CL, Schmidt RL. Effects of 49 Different Rare Hb variants on HbA1c Measurement in Eight Methods. *J Diab Sci & Tech* 2015;9:849-856.

Randie R. Little, PhD: Complete List of Publications

Weykamp C, John G, Gillery P, English E, Ji Linong J, Lenters-Westra E, **Little RR**, Roglic G, Sacks D, Takei I. Investigation of two models to set and evaluate quality targets for HbA1c: Biological variation and Sigma-metrics. Clin Chem 2015; 61:752-9.

Zhao Z, Basilio J, Hanson S, **Little RR**, Sumner AE, Sacks DB. Evaluation of hemoglobin A1c measurement by Capillarys 2 electrophoresis for detection of abnormal glucose tolerance in African immigrants to the United States. Clin Chim Acta 2015;446:54-60.

Little RR, Rohlfing CL. Assessing quality from an accuracy-based HbA1c proficiency survey. Clin Chem Lab Med 2015,(published on-line 12/09/15)

Klonoff DC, Lias C, Beck S, Parkes JL, Kovatchev B, Vigersky RA, Arreaza-Rubin G, Burk RD, Kowalski A, **Little R**, Nichols J, Petersen M, Rawlings K, Sacks DB, Sampson E, Scott S, Seley JJ, Slingerland R, Vesper HW. Development of the diabetes technology Society blood glucose monitor system surveillance protocol. JDST, 2015;October. DOI: 10.1177/1932296815614587

Maples S, Aldasouqi S, **Little R**, Baughmann H, Joshi M, Salhi R. Detection of Undiagnosed Prediabetes and Diabetes in Dental Patients: A Proposal of a Dental-Office-Friendly Diabetes Screening Tool. JDM, 2016;6:25-37.

Kabytaev K, Durairaj A, Shin D, Rohlfing CL, Connolly S, **Little RR**, Stoyanov AV. Two-step Ion-exchange chromatographic purification combined with reversed-phase chromatography to isolate C-peptide for mass Spectrometric analysis. J. Sep. Sci. 2016;39: 1-6.

Rohlfing C, Hanson S, Weykamp C, Siebelder C, Higgins T, Molinaro R, Yip PM, **Little RR**. Effects of hemoglobin C, D, E and S traits on measurements of hemoglobin A1c by twelve methods. Clin Chim Acta. 2016;455:80-3.

Abstracts/Presentations:

Raderman-Little R: Turnover of taste cells in the channel catfish, *I. punctatus*. Soc. Neurosciences, 6th Annual Meeting, 1976.

Raderman-Little R: The effect of temperature on the turnover of taste bud cells in channel catfish. 6th Int'l Symp. on Olfaction and Taste, Paris, France, 1977.

Little RR: Diabetic retinopathy in *Mystromys albicaudatus*. Assoc for Research in Vision and Ophthalmol, 1979.

Little RR, Goldstein D, Wiedmeyer H, England J, Hirsch I, Kossoy K, Parker K: Whole blood glycosylated protein: A convenient method to assess glucose control in diabetes. Diabetes 31(suppl. 2):75, 1982.

England JD, Wiedmeyer H, **Little RR**, Klenk DC, Krohn RI, Hermanson GT: Evaluation of affinity chromatography in measuring glycosylated hemoglobin (GHb). Diabetes 31(suppl. 2):75, 1982.

Little RR: Assessment of glycemic status in *Mystromys albicaudatus* using glycosylated hemoglobin. International Workshop in Jerusalem: Lessons from Animal Diabetes, Jerusalem, Israel, 1982.

Hirsch I, Matthews M, Rawlings S, Broughton J, Breyfogle R, Simonds J, Kossoy K, England J, Wiedmeyer H, **Little RR**, Goldstein D: Home capillary blood glucose monitoring (HBGM) for diabetic youths: a one-year follow-up of 98 patients. Diabetes 32(suppl. 1):16A, 1983.

Randie R. Little, PhD: Complete List of Publications

Little RR, England JD, Wiedmeyer HM, McKenzie EM, Goldstein DE, Knowler WC, Pettitt DJ: Measurements of glycosylated whole blood protein from samples dried on filter paper: a field trial. *Clin Chem* 30:977, 1984.

Little RR, England JD, Wiedmeyer HM, McKenzie EM, Mitra R, Erhart PM, Durham JB, Goldstein DE: Feasibility of interlaboratory standardization of glycosylated hemoglobin measurement. *Clin Chem* 30:977, 1984.

Goldstein DE, James RC, Wiedmeyer HM, England JD, Wray MJ, **Little RR**, McKenzie EM, Erhart PM, Mitra R: Is glycosylated hemoglobin clinically useful? *Diabetes* 33(suppl.1):416, 1984.

Little RR, England JD, Wiedmeyer HM, McKenzie EM, Goldstein DE, Knowler WC, Pettitt DJ: Monitoring diabetic control using capillary blood spotted on filter paper. *Diabetes* 33(suppl. 1):217, 1984.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, Parker KM: Measurement of glycosylated hemoglobins: methodologies and clinical applications: Workshop, American Assoc. for Clinical Chemistry, National Meeting, Washington, D.C., 1984.

Little RR, England JD, Wiedmeyer HM, McKenzie EM, Goldstein DE, Pettitt DJ: Is glycosylated hemoglobin useful for diabetes diagnosis? *Diabetes* 35(suppl. 1):189, 1986.

Little RR, England JD, Wiedmeyer HM, McKenzie EM, Goldstein DE: Evaluation of a fully automated system for glycosylated hemoglobin analysis. *Clin Chem* 32:1146, 1986.

Little RR, England JD, Wiedmeyer HM, McKenzie EM, Goldstein DE: Filter paper collection of blood for measurement of glycosylated hemoglobin by affinity chromatography. *Clin Chem* 32:1146, 1986.

Pasternak R, Hoepfer M, Wiedmeyer H, England J., **Little RR**, Goldstein D: Glycosylated hemoglobin at diagnosis predicts long-term glycemic control in type I diabetes mellitus. *Diabetes* 36(suppl.1):112, 1987.

Little RR, Wiedmeyer HM, McKenzie EM: Is glycosylated serum protein (GSP) a good substitute for glycosylated hemoglobin (GHB) in the routine management of type I diabetes? *Diabetes* 36(suppl. 1):116, 1987.

Little RR, Goldstein DE, Shyken JM, McKenzie EM, Winkelmann SE, Ramsey LM: Glycemia, glucose tolerance and complications of pregnancy in non-diabetic women. *Diabetes* 37 (suppl. 1):251, 1988.

Little RR, Goldstein DE, McKenzie EM, Wiedmeyer HM, England JD, Yip KF, Messenger LJ, Lewis LA, Yaeger F, Silva J: Measurement of HbA1c by immunoassay. *Diabetes* 37 (suppl. 1): 251, 1988.

Goldstein DE, **Little RR**, Wiedmeyer HM, England JD, Rohlfing C, Hoepfer MR, Oermann CM: Educational uses of glyated hemoglobin determinations. "Glycated proteins in diabetes mellitus symposium", 13th International Diabetes Federation Congress, Adelaide, South Australia, 1988.

Little RR, Shyken JM, McKenzie EM, Winkelmann SE, Ramsey LM, Madsen RW, Goldstein DE: Is gestational diabetes (GDM) under-diagnosed? *Diabetes* 38 (suppl. 2): 125, 1989.

Goldstein DE, Oermann CM, Madsen RW, McKenzie EM, Wiedmeyer HM, England JD, **Little RR**: Glycated hemoglobin kinetics: predicted and actual rates of change. *Diabetes* 38 (suppl. 2): 459, 1989.

Hamman RF, Gay EC, Klingensmith GJ, **Little RR**, Gale S, Cruickshanks KJ: Glycosylated hemoglobin (HgbA1) levels in persons with insulin-dependent diabetes mellitus (IDDM): State-wide estimates from the Colorado IDDM Registry. *Soc Epi Res*, 1990.

Randie R. Little, PhD: Complete List of Publications

Eddy M, Ide C, Wilson R, Hewett J, Sikand Y, Anderson S, England J, Wiedmeyer H, **Little R**, Goldstein D: Glycemic control predicts risk of developing diabetic retinopathy. *Diabetes* 39 (suppl. 1): 15A, 1990.

Little R, England J, Wiedmeyer H, Madsen R, Goldstein D: Glycated hemoglobin (gHb) predicts development of diabetes in persons with impaired glucose tolerance (IGT). *Diabetes* 39 (suppl. 1): 204A, 1990.

Hamman RF, Gay EC, Klingensmith GJ, **Little RR**, Gale S, Cruickshanks KJ: Glycosylated hemoglobin (HgbA1) levels in persons with insulin-dependent diabetes mellitus (IDDM): State-wide estimates from the Colorado IDDM Registry. *Soc. Epi. Res.*, 1990.

Tucker SJ, Wiedmeyer H, England J, **Little R**, Goldstein D: Is poor glycemic control inevitable in adolescents with diabetes? ISGD, ADA Council on Youth, 1991

Grotsch H, Malerczyk V, Dichtl E, Hundt HKL, Wiedmeyer HM, **Little RR**, Rohlfing CL, Goldstein DE: Feasibility of international standardization of glycated hemoglobin (GHB) measurement. *South African Pharmacological Soc.*, 1991.

Goldstein D, **Little R**, Wiedmeyer H, England J, Rohlfing C, Madsen R: Glycated hemoglobin (GHB) at diagnosis (Dx) is related to the 5th year GHB value in children with type I diabetes mellitus (IDDM). *Diabetes* 40 (suppl. 1): 482A, 1991.

Little R, Wiedmeyer H, England J, Goldstein D, Naito H: Inter-laboratory comparison of glycated hemoglobin (GHB) results: College of American Pathologists (CAP) survey data. *Clin Chem* 37: 956, 1991.

Wiedmeyer H, **Little R**, England J, Rohlfing C, Goldstein D, Schneider J, Groetsch H, Malerczyk M, Draeger E, Dichtl E: Feasibility of international standardization of glycated hemoglobin (GHB) measurement. *Clin Chem* 37:957, 1991.

Blinder KJ, Goldstein DE, Wilson RJ, **Little RR**, Ide CH: Long-term glycemic control and development of proliferative diabetic retinopathy (PDR). *American Academy of Ophthalmology*, 1992.

Bodor GS, **Little RR**, Garret N, Goldstein DE, Nahm MH: Standardization of glycated hemoglobin determinations in the clinical laboratory: three years experience. *Acad Clin Lab Physicians and Scientists*, June, 1992.

Goldstein DE, Ide C, Wilson R, Hewett J, Sikand Y, Anderson S, England J, Wiedmeyer H, **Little R**: Glycemic control (GC) predicts risk of developing proliferative diabetic retinopathy. *Diabetes* 41(suppl. 1):27A, 1992.

Longhurst S, Harlan J, Fowler M, Ketchum C, **Little R**: Multicenter evaluation of the IMX glycated hemoglobin assay. *Clin Chem* 39:1130, 1993.

Little RR, Wiedmeyer HM, Wilke AA, Goldstein DE, Shetterly S, Sandoval R, Baxter J: Evaluation of Glycohemoglobin (GHB) and glycated plasma proteins (GPP) for diabetes screening: ROC curve analysis. *Diabetes* 42(suppl.1):199A, 1993.

Henley J, Rife D, Gould R, Wiedmeyer HM, **Little R**, England J, Derrick K, Kirchoff K, Goldstein D: Intensive therapy (IT) in children with insulin dependent diabetes mellitus (IDDM): assessing family satisfaction. *Diabetes* 43(suppl. 1): 32A, 1994.

Houston C, Carter J, Gilliland S, Pathak D, **Little R**: Rapid HbA1c Testing outside of the laboratory. New Mexico Chapter, American College of Physicians, 1994.

Randie R. Little, PhD: Complete List of Publications

American Association for Clinical Chemistry (AACC) Subcommittee on GHB Standardization: National Glycohemoglobin (GHB) Standardization. Clin Chem 41:S210, 1995.

Shuler C, **Little R**, Wiedmeyer H, Wilke A, Cook J, Frye R, Velasco S, Hoffman K, Miller R: Evaluation of a Tina-Quant HbA1c Immunoassay on BM/Hitachi Analyzers. Clin Chem 41:S182, 1995.

Naito HK, Hartfiel J, **Little R**, Pogach L: Standardization of Glycohemoglobin (GHB) Methods in the Department of Veterans Affairs Medical Centers (VAMC). Diabetes 45 (supl.2):70A, 1996.

Braun KP, Pavlovich JG, Goldstein D, **Little RR**, England J: Characterization of Glycated Hemoglobin by Electro spray Ionization Mass Spectrometry. Diabetes 45 (supl.2):123A, 1996.

Little R, Fang Z, Wiedmeyer H, Tennill A, Goldstein D: An In Vitro Model for Glycation of Hemoglobin (HB). Clin Chem 42: S193, 1996.

Little R, Wiedmeyer H, Huang D, Goldstein D: Filter Paper Collection of Blood for Measurement of HbA1c by Immunoassay. Clin Chem 42: S193, 1996.

Little R: Evaluation Results of Unimate HbA1c. HbA1c and Diabetes Symposium, Amsterdam, The Netherlands, October, 1995.

Hoelzel W, Miedema K, Finke A, Goldstein D, Goodall I, Jeppsson JO, Kobold U, **Little R**, Penders T, Shima K, Weykamp C (IFCC Working Group on Standardization of HbA1c). Development of a Reference System for the International Standardization of HbA1c/ Glycohemoglobin Determinations. IFCC poster presentation, London 1996.

Little R. Medical Needs for the International Standardization of Glycohaemoglobin Determinations. Presented at the Colloquium on Standardization of HbA1c organized by the IFCC Working Group on Standardization of HbA1c, International Congress of clinical Chemistry, London, July 1996.

Goldstein DE, Wiedmeyer HM, **Little RR**, Vargas V, Nair SS, Reid J: Relationship Between Glycohemoglobin (GHB) and Mean Blood Glucose (MBG) in the Diabetes control and complications Trial (DCCT). Diabetes 46 (suppl.1):8A, 1997.

NGSP Steering Committee: **Little RR**, Goldstein DE, Reed RG, Eckfeldt JH, Myers GL, Messenger LJ, Nathan D, Steffes MW, Gunter EW, Robbins DC, Parker KM: Implementation of the National Glycohemoglobin Standardization Program (NGSP). Diabetes 46 (suppl.1):151A, 1997.

Little RR, Mathew AS, Tennill AL, Rohlfing CL, Goldstein DE: Measurement of Glycohemoglobin (GHB) in Patients with Chronic Renal Failure (CRF): Are Ion-Exchange HPLC Results Really Invalid? Clin Chem 43:S136, 1997.

Hoelzel WEE, Miedema K, Goldstein D, Goodall I, Jeppsson JO, **Little R**, Penders T, Shima K, Weykamp C. The International Standardization of HbA1c/Glycohemoglobin Determinations. Clin Chem 43:S151, 1997.

Little RR, The Impact of the National Glycohemoglobin Standardization Program (NGSP) on Your Glycohemoglobin Results. Roundtable, AACC 1997.

Little RR, Wiedmeyer HM, Huang DH, Goldstein DE, Parsons RG, Kowal R, Johnston M. A Simple Blood Collection Device for Analysis of Glycohemoglobin (GHB). Clin Chem 44: A139, 1998.

Randie R. Little, PhD: Complete List of Publications

Rohlfing C, **Little R**, Wiedmeyer H, Madsen R, Goldstein D. Is Glycohemoglobin Useful for Diabetes Screening?: NHANES III Data. *Diabetes* 47 (suppl. 1):A70, 1998.

Ramanathan R, Nemirovskiy O, Velagaleti P, Wiedmeyer HM, **Little R**, England J, Goldstein D. Electrospray Ionization Mass Spectrometric Methods for Quantifying Glycohemoglobin. Proceedings of the 46th ASMS conference on Mass Spectrometry, June 1998, Orlando Florida: 556.

Little RR, Tennill ALW, England JD, Khanna R, Agrawal A, Goel S, Goldstein DE. Can Glycohemoglobin (GHB) be Used to Accurately Assess glycemic control in Patients with Chronic Renal Failure (CRF)? *Diabetes* 48, suppl.1: A84, 1999.

Little RR, Myers GL, Nathan D, Steffes MW, Gunter WE, Messenger LJ, Parker KM, Robbins DC, Goldstein DE, et al. The NGSP Steering Committee. Implementation of the National Glycohemoglobin Standardization Program (NGSP) in the U.S. *Clin Chem Lab Med* 37, special suppl., S186, 1999 (presented at Wordlab '99, Florence, Italy).

Miedema K, Hoelzel W, Finke A, Goldstein D, Goodall I, Jeppsson JO, Kobold U, **Little R**, Mosca A, Shima K, Weykamp C. International Standardization of HbA1c/glycohemoglobin – a Report of the IFCC Working Group on Standardization of HbA1c. *Clin Chem Lab Med* 37, special suppl., S114, 1999 (presented at Wordlab '99, Florence, Italy).

Little RR, Goldstein DE, Tennill AL, Wiedmeyer H-M, Huang D, Schwartz SL, Johnson ML. Clinical Trial of a Mail-In Test for Measuring HbA1c with Capillary Blood. *Diabetes* 48, suppl.1: A193, 1999.

Goldstein D, Srivastava R, Rife D, Kirchoff K, Ralston S, Wiedmeyer H-M, **Little R**, Derrick K. Are the American Diabetes Association (ADA) Glycemic control (GC) Guidelines for Treatment and Quality Criteria for Provider Recognition Program (PRP) Appropriate for Children and Adolescents with Diabetes Mellitus (DM)? *Diabetes* 48, suppl.1: A48, 1999.

Little R, Agrawal A, Tennill A, England J, Khanna R, Goel S, Ou C, Goldstein D. Can Glycohemoglobin (GHB) be Used to Accurately Assess Glycemic Control in Patients with Chronic Renal Failure (CRF)? *Clin Chem* 45: A4, 1999.

Little RR, Goldstein DE, Tennill AL, Wiedmeyer H-M, Huang D, Schwartz SL, Johnson ML. Evaluation of a Mail-In Test for Measuring HbA1c with Capillary Blood. *Clin Chem* 45: A33, 1999.

Wiedmeyer HM, Rohlfing C, **Little R**, Grotz L, Tennill A, Goldstein D. Do Biological Factors other than Changes in Glycemic Status Affect Glycohemoglobin (GHb) Results? *Diabetes* 49, Suppl.1:A96, 2000

Rohlfing CL, **Little RR**, Wiedmeyer HM, England JD, Rife D, Derrick K, Kirchoff K, Suk D, Goldstein DE. Improved Glycemic control in Childhood Diabetes: A 16-year Study. *Diabetes* 49, Suppl.1:A93, 2000

Harwell TS, McDowall J, **Little RR**, Eyer N, Helgersson S, Gohdes D. Microalbumin (MA) Testing: Are we following the ADA recommendations? *Diabetes* 49, Suppl. 1:A219, 2000

Harwell TS, McDowall JM, **Little RR**, Eyer N, Helgersson SD, Gohdes D. Do Laboratory Practices for Microalbumin (MA) Testing Correspond to the Current Clinical Recommendations? *Clin Chem* 46:A35, 2000

Little RR, Tennill AL, Rohlfing CL, Agrawal A, Goel S, Khanna R, Goldstein DE. Measurement of Glycohemoglobin (GHB) in patients with chronic renal failure (CRF): no interference with the Variant II. *Clin Chem* 46: A35, 2000

Randie R. Little, PhD: Complete List of Publications

Rohlfing CL, Wiedmeyer HM, **Little RR**, England JD, Tennill AL, Goldstein DE: Relationship between Pre- and Post-Meal Glucose and Hemoglobin A1c in the Diabetes Control and Complications Trial. Presented at the American Diabetes Association Consensus Development Conference on Postprandial Blood Glucose, Atlanta, Georgia 2001.

Little RR, Goldstein DE, Myers GL, Gunter EW, Nathan D, Messenger LJ, Parker KM, Reed RG, Robbins DC, Sacks DB, Steffes MW, Vlasenko S. Glycohemoglobin (GHB) Standardization: Has it been Achieved? Diabetes: 50, suppl 2; A98, 2001.

Rohlfing CL, Wiedmeyer HM, **Little RR**, England JD, Madsen RW, Goldstein DE. Does Hemoglobin A1c Increase with Age Independent of Glycemic Status? Diabetes: 50, suppl 2; A101, 2001.

Little RR, Goldstein DE, Wiedmeyer HM, Rohlfing CL, Myers GL, Sacks DB, Nathan D, Parker KM, Steffes MW, et al. The National Glycohemoglobin Standardization Program (NGSP): 4 Year Update. Clin Chem: 47, suppl.; A92, 2001.

De BK, Brown D, Hanbury CM, Hoyer JD, John WG, Lambert TL, **Little RR**, Rohlfing CL, Roberts WL. Effects of hemoglobin C and S traits on glycohemoglobin measurements by six methods. Clin Chem: 47, suppl.; A18, 2001.

Rohlfing CL, Wiedmeyer HM, **Little RR**, England JD, Madsen RW, and Goldstein DE. The Impact of Assay Imprecision on the Interpretation of A1C Test Results. Diabetes 51, suppl 2; A477, 2002

Rohlfing CL, Wiedmeyer HM, **Little RR**, England JD, and Goldstein DE. Do Early A1C Test Results Predict Future Glycemic Control in Patients with Type 1 Diabetes? Diabetes 51, suppl ; A529, 2002

Wiedmeyer HM, Rohlfing C, **Little R**, and Goldstein D. Optimal Usage of Glycated Hemoglobin (GHb). International Diabetes Federation, Beijing China, 2002

Rohlfing C, Wiedmeyer H, **Little R**, Goldstein D for the NGSP Laboratory Network Performance of Secondary Reference Laboratories in the National Glycohemoglobin Standardization Program (NGSP) Laboratory Network (presented at the ICCC in Kyoto, October 2002)

Little R, Goldstein D, Wiedmeyer H, Rohlfing C for the NGSP Steering Committee. Glycated Hemoglobin/ HbA1c Standardization: a Progress Report (presented at the ICCC in Kyoto, October 2002)

Little R, The NGSP: Progress in the Standardization of Glycated Hemoglobin. XVI Congreso Latinoamericano de Bioquímica Clínica, Costa Rica (presentation May 2003)

Polage CR, **Little RR**, Roberts WL. Measurement of hemoglobin A1c in β -thalassemia minor. Am J Clin Path, 2003;120:284 (presented at the Academy of Clinical Laboratory Physician and Scientists annual meeting in Tucson, AZ).

Little R., Goldstein D., Wiedmeyer H., Rohlfing C. for the NGSP Steering Committee. Standardization of Glycated Hemoglobin (GHb) Measurement: an International Perspective (presented at the IFCC in Barcelona, June 2003)

Hsiao-Mei Wiedmeyer, Curt Rohlfing, Donghua Huang, Alethea Tennill, **Randie Little**, David Goldstein. Comparison of the Tosoh AIA-600 II Analyzer and the Pharmacia Radioimmunoassay for Insulin Analysis. Clin Chem 2003;49:A46.

Curt Rohlfing, Hsiao-Mei Wiedmeyer, Donghua Huang, Alethea Tennill, **Randie Little**, David Goldstein. The Effect of Proinsulin on the Tosoh AIA-600 II and Pharmacia Insulin Assays. Clin Chem 2003;49:A132

Randie R. Little, PhD: Complete List of Publications

HM Wiedmeyer, for the NIDDK C-Peptide Standardization Committee, The Stability of C-peptide in Storage, Diabetes 2004;53(suppl. 1):A258

H. Wiedmeyer, C. Rohlfing, A. Tennill, K. Polonsky, J. Fradkin, G. Myers, **R. Little**, D. Goldstein, J. Palmer. Evaluation of the Stability of C-peptide in Plasma and Serum: Comparison of 3 Different Methods. Clin Chem 2004, 50: A110

B.K.De, S. Safar-Pour, C. Rohlfing, **R.R. Little**, C.W. Weykamp, W.L. Roberts. Effects of hemoglobin C and S traits on glycohemoglobin measurements by 10 methods. Clin Chem 2004, 50(S6): A110

R.R. Little, H. Vesper, C.L. Rohlfing, M. Ospina, S. Safar-Pour, W.L. Roberts. Validation of the use of boronate affinity chromatography to measure glycated hemoglobin in the presence of HbS and HbC traits using a mass spectrometry reference method. Clin. Chem. 2004, 50(S6): A112

C Rohlfing, D Huang, A Tennill, **R Little**, D Goldstein, H Wiedmeyer. Evaluation of the Tosoh AIA-a600 II analyzer for the Analysis of C-peptide in Human Serum. Clin Chem. 2004, 50: A89

R.R. Little, C.L. Rohlfing, C.M. Moellering. Does Elevated Hemoglobin F Interfere with Glycated Hemoglobin (GHB) Results? Clin. Chem. 2004, 50(S6): A110

R Little. Glycated Hemoglobin (GHB) Standardization. CSCC Symposium, 2004.

R Little. The Clinical and Laboratory Impact of HbA1c Standardization: The NGSP – A Pragmatic Approach to HbA1c Standardization. AACC Edutrak 2004.

HM Wiedmeyer, and NIDDK C-peptide Standardization Committee. International Comparison of C-peptide Measurements. Diabetes 2005, 54(suppl. 1): A243.

B.K.De, S.Safar-Pour, **R. R. Little**, W.L.Roberts. Evaluation of a hemoglobin A1c method on the Dimension RxL analyzer. Clin Chem 2005, 51,A41

C. Rohlfing, J. Bachelder, S. Connolly, J. England, **R. Little**. The Effect of Elevated Fetal Hemoglobin Levels on Glycated Hemoglobin (Hemoglobin A1c) Measurements. Clin Chem 2005, 51,A50

Little R. Glycated Hemoglobin Measurement: Assay Methods, Common Interferences and the Importance of Standardization. ASCP Teleconference, April 2005.

Little R. The Impact of the NGSP on the Clinical Laboratory. AACC Roundtable, 1998-2008, 2010-2011.

Little R, Higgins T. Glycated Hemoglobin (HbA1c) Measurement and Standardization – A Review, AACC Short Course, 2006.

Rohlfing C, Connolly S, England J, **Little R**. Effect of Elevated Fetal Hemoglobin on HbA1c Measurements: Four Common Assay Methods compared to the IFCC Reference Method. Clin Chem 2006, 52, A108.

Mongia SK, Connolly SC, Hanson S, **Little RR**, Rohling CL, Roberts RF, Roberts WL. Effects of hemoglobin C and S traits on five commercial glycated hemoglobin (HbA1c) assays. (abstract) ACLPS, 2006.

Luzzi VI, McKenna M, Landry C, Karsteter L, Mongia SK, Roberts WL, Rohlfing CL, Tennill A, **Little RR**. Cobas Integra Tina-Quant Hemoglobin A1c Gen.2 Assay Accurately Monitors HbA1c in Patients with S, C and E traits. (abstract) Euromedlab June, 2007.

Randie R. Little, PhD: Complete List of Publications

Little RR, Tennill AL, Rohlfing CL, Stein DT, Rogatsky E, Myers GL, Polonsky KS, Greenbaum CJ, Palmer JP, Goldstein DE. International Standardization of C-peptide measurements to a Reference Method. (abstract) Clin Chem 2007, 53:A198.

Luzzi VI, McKenna M, Landry C, Karstater L, Mongia SK, Robers WL, Rohlfing CL, Tennill A, **Little RR**. Cobas Integra Tina-Quant Hemoglobin A1c Gen.2 Assay: Accurate and Precise with no interference from Hb Variants. (abstract) Clin Chem 2007, 53:A231

Rohlfing CL, Hanson S, Connolly S, **Little R**. Effect of Hemoglobin E Trait on Hemoglobin A1c Measurements. (abstract) Clin Chem 2007, 53:A127.

Mongia SK, Roberts RF, Connolly SC, Hanson S, **Little RR**, Rohling CL, Roberts WL. Effects of hemoglobin C and S traits on two commercial glycosylated hemoglobin (HbA1c) assays. (abstract) ACLPS, 2007.

Little RR. HbA1c Measurement and Reporting. AACC Industry Division presentation. July, 2008.

Little RR. NGSP: Planning for the Future. 5th International Symposium on Haemoglobin: Diabetes, Haemoglobinopathies: All in One. A. Menarini Diagnostics October 23-26, 2008, Rome, Italy.

Little RR. HbA1c Measurement and Standardization: What's New? AACC Audioconference. Hemoglobin A1c: New Uses for Today and Possibilities for Tomorrow. December 9, 2008.

Curt Rohlfing, **Randie Little**, Steve Hanson . Effects of Whole Blood Storage on HbA1c Measurements with Five Current Assay Methods. AACC 2010

Stoyanov AV, Rohlfing CL, Rogatsky E, Stein D, **Little RR**. C-Peptide isolation from human urine and plasma and quantitative analysis by LC/MS. 35th International Symposium on High Performance Liquid Phase Separations and Relation Techniques – HPLC 2010. June 2010

Stoyanov AV, Rohlfing CL, **Little RR**. Quantitative analysis of C-peptide by Ion Exchange Liquid Chromatography – Mass Spectrometry. AACC 2010

Little RR, Current Status and New Recommendations for HbA1c Testing. Presentation at 2010 Northeast Laboratory Conference, Portland, Maine.

Little RR, How to Interpret HbA1c in the presence of variant hemoglobins. Presentation at European Forum on Diabetes, Recent advances in the use of glycosylated hemoglobin for better management of diabetes mellitus, Milan, Italy, 2010.

Little RR. Current Status of HbA1c Measurement and Use for Diagnosis of Diabetes, Teleconference network of Texas "Laboratory Technology" series, February 2011

LittleRR. Status of HbA1c Measurement and goals for improvement. IFCC WorldLab EuroMedLab Berlin 2011

Little RR. Status of HbA1c Measurement and Goals for Improvement, BioConference Live, June 15, 2011

Little RR, Current Status and New Recommendations for HbA1c Testing, AACC Expert Access, April 2011

Little RR. Status of HbA1c Measurement and Goals for Improvement, IFCC-WorldLab EuroMedLab, Berlin, May 2011.

Little RR. Status of HbA1c Measurement and Goals for Improvement, BioConference Live, 2011

Randie R. Little, PhD: Complete List of Publications

Schmidt RL, Emery TJ, **Little RR**, Hanson SE, Rohlfing CL, Roberts WL. Interference of HbA1c Measurements by Rare Hemoglobin Variants. ACLPS 2011

Rohlfing CL, Tennill AL, Stein D, Rogatsky E, **Little RR**. Manufacturer Standardization of C-Peptide Assays to an Isotope-Dilution Mass Spectrometry Candidate Reference Method. AACC 2011

Lin CN, Emery T, **Little RR**, Hanson SE, Rohlfing CL, Roberts WL. Effects of variant hemoglobin traits on measurements of HbA1c by 3 cation exchange methods. AACC 2011

Stoyanov AV, Rohlfing CL, Connolly S, **Little RR**. Quantitative Analysis of Human C-peptide by LC-MS Isotope-Dilution Assay: Microheterogeneity of Internal Standards. AACC 2011

Connolly S, Hanson S¹, Higgins T, Rohlfing C¹, **Little R**. Assessment of the validity of Trinity Biotech ultra2 hemoglobin A1c results in the presence of HbE or HbD Punjab trait. AACC 2013

Little RR, Rohlfing CL, Goldstein DE, Ladenson P, Rastogi M. Evaluation of HbA1c measurement in Trinidad and Tobago, AACC 2014

Zhao ZZ, Basilio J, Hanson S, Tennill A, **Little R**, Sacks D. Evaluation of the Sebia Capillars 2 Flex Piercing hemoglobin A1c (HbA1c) assay, AACC 2014

Schmidt RL, La'ula SL, Hanson SE, Rohlfing CL, **Little RR**. Effects of 49 Different Rare Hb Variants on HbA1c Measurement in Seven Methods, AACC 2014

Rastogi MV, Ladenson P, Goldstein D, **Little RR**. Evaluation of HbA1c Measurement in Trinidad and Tobago, ESPE 2014

Kabytaev K, Connolly S, Rohlfing CL, **Little RR**, Stoyanov AV. Hemoglobin S (HbS) glycation pattern and mass-spectrometric A1c quantitation for HbAS. AACC 2015

Maples S, Aldasouqi S, Little R, Baughman H, Joshi M Salhi R. Diabetes detection in the dental office (DiDDO): a promising emerging opportunity for screening for undiagnosed prediabetes and diabetes. AADE 2015