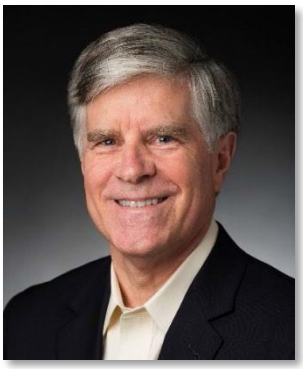
W. Greg Miller, PhD



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Education

1973 - 1975 Postdoctoral Fellow in Clinical Chemistry, Department of Pathology, Division of Clinical Chemistry, Ohio State University, College of Medicine Columbus, Ohio

1973 PhD Biochemistry, University of Arizona, Tucson, Arizona

Licenses & Certifications

1976 American Board of Clinical Chemistry

Selected Awards & Honors

2026	College of American Pathologists, Honors in Pathology Advancement Award
2026, 2025	Stanford/Elsevier Top 2% Scientists List for 2025 and for 2024
2026	National Institute for Standards and Technology, Measurement Services Excellence Award
2025	National Kidney Foundation, 75 Kidney Heroes List
2018	Russell J. Eilers Memorial Award, Clinical and Laboratory Standards Institute
2014	Robert Schaffer Award for Outstanding Achievements in the Development of Standards for Use in Laboratory Medicine, International Federation of Clinical Chemistry and Laboratory Medicine

2007 Outstanding Lifetime Achievement Award in Clinical Chemistry and Laboratory Medicine, American Association for Clinical Chemistry

Professional Service (current)

National Institute of Diabetes and Digestive and Kidney Diseases (NIH), Laboratory Working Group, Chair

International Federation of Clinical Chemistry and Laboratory Medicine (IFCC); Working group for Standardization of Albumin Measurement in Urine, Chair

International Federation of Clinical Chemistry and Laboratory Medicine (IFCC); Working group for Commutability in Metrological Traceability

International Consortium for Harmonization of Clinical Laboratory Results and European Organization for External Quality Assurance Providers in Laboratory Medicine joint task force to monitor harmonization of measurands in laboratory medicine through data aggregation (HALMA); steering committee and Chair, working group on commutability

International Organization for Standardization (ISO), Technical Committee 212, Clinical laboratory testing and in vitro diagnostic test systems

National Kidney Foundation-Laboratory Engagement Initiative

National Kidney Foundation-Workgroup for Implementation of Race-Free eGFR-Based Medication-Related Decisions

College of American Pathologists, Accuracy Based Programs Committee

Recent Invited Presentations

2026 Joint Committee for Traceability in Laboratory Medicine Workshop on: High-priority reference materials for traceability in laboratory medicine – filling the gap, and Establishing metrological traceability to international system of units (SI) for serum and urinary albumin measurements. “An overall description of the reference measurement system for urine albumin standardization.” Bydgoszcz, Poland.

2026 Kidney Disease Clinical Trialists meeting. “Standardization of urine albumin measurements.” Washington, D.C.

2026 Food and Drug Administration Clinical Pharmacy Group, “Measuring creatinine for estimating kidney function: navigating the evolution in GFR estimation for drug dosing.” (virtual).

2025 Joint Committee for Traceability in Laboratory Medicine Workshop on: Result harmonization in medical laboratories: accomplishments and challenges. “Commutability: ten years of IFCC WG activity” Sevres, France.

2025 Association for Diagnostic and Laboratory Medicine. “Getting eGFR right...it starts with the lab.” Chicago, IL.

2025 Association for Diagnostic and Laboratory Medicine. “The harmonization/standardization toolkit and implementation challenges.” Chicago, IL.

2025 National Kidney Foundation Scientific Workshop. The Measurement of Urinary Proteins in Clinical Practice and Clinical Trials: Albuminuria or Proteinuria? “Analytical Aspects and Standardization of Albuminuria.” Washington D.C.

2024 National Kidney Foundation Interim Analysis Meeting for a Scientific Workshop on The Measurement of Urinary Proteins in Clinical Trials and Clinical Practice (Albuminuria or Proteinuria?). “Measuring urine albumin and total protein.” Amsterdam, Netherlands.

2024 NIST Biomolecular Measurement Division. “Standardization and Harmonization of Clinical Laboratory Results.” (virtual).

2023 Cutting Edge of Laboratory Medicine in Europe, Analytical Performance Specifications: moving from models to practical recommendations; “The role of APS in international guidelines and standards dealing with metrological traceability in laboratory medicine.” Prague, Czech Republic.

Selected Publications

Peer reviewed papers

Panteghini M, Wielgosz R, **Miller WG**. A Comprehensive Analysis of Metrological Traceability Tools for Urine Albumin Measurements. Clin Chem. 2026;72:535-545.

Johansen JV, Weykamp C, Barczak E, Horan K, Sandberg S, Deprez L, Delatour V, Panteghini M, Greenberg N, Budd J, MacKenzie F, **Miller WG**, for the IFCC Working Group on Commutability in Metrological Traceability. Recommendations

for establishing metrological traceability for in vitro diagnostic measurement procedures intended to be used for whole blood samples. Clin Chim Acta 2026;588:120944.

Miller WG, Seegmiller JC, Bachmann LM, Panteghini M. Measuring urine albumin and total protein. Nephrol Dial Transplant. 2026;41(Supplement_2):ii4-ii11.

Ridderbos S, van Mil D, Fellström B, Gillespie BS, Herrington WG, Hu L, La Manna G, Mepschen M, **Miller WG**, Panteghini M, Provenzano M, Seegmiller JC, Vassalotti JA, Heerspink HJL, Gansevoort RT. Recommendations for pre-analytical urine sample handling to allow optimal assessment of albuminuria and proteinuria. Nephrol Dial Transplant. 2026;41((Supplement_2):ii12-ii22.

Badrick T, Beasley-Green A, Cobbaert CM, Delatour V, Deprez L, Jones GRD, Josephs RD, Kessler A, Liu Q, Maniguet S, **Miller WG**, Roberts GV, Sandberg S, Van Rossum HH, Van Uytfanghe K, Vogl C, Wielgosz R, Zhang T, Panteghini M. Result harmonization in medical laboratories: accomplishments and challenges. Clin Chem Lab Med 2026;64:1201-1209.

Beasley-Green A, Camara JE, Wood ESC, Heckert NA, **Miller WG**, Bachmann LM, Ruvuna L, Ali S, Schneider R, O'Donnell S, Murrell L, Dai J, Xiong Y, Mahmoud S, Fanto-Holdaway P, Eichler K, Grebe A, Snyder J, O'Brien J, Phinney K. Commutability assessment of NIST SRM 3666 albumin and creatinine in frozen human urine among routine clinical laboratory measurement procedures. Clin Chim Acta 2026;581:120760.

Miller WG, Deprez L, Sandberg S, Johansen JV, Greenberg N, Weykamp C, Keller T, Budd J, Delatour V, Barczak E, Rej R, Fauskanger PK, MacKenzie F, Camara JE, Lyle AN, Panteghini M. Demonstrating commutability of an existing certified reference material for use with an end-user measurement procedure that was not included in the original commutability assessment. Clin Chim Acta. 2026;578:120548.

Fauskanger PK, Sandberg S, Johansen J, Keller T, Budd J, **Miller WG**, Stavelin A, Delatour V, Panteghini M, Stove B. Quantification of difference in nonselectivity between in vitro diagnostic medical devices. Biom J 2025;67(1):e70032.

Deprez L, Johansen JV, Keller T, Budd J, Greenberg N, Weykamp C, Sandberg S, Panteghini M, Ceriotti F, Barczak E, Rej R, Fauskanger P, MacKenzie F, Camara JE, Lyle AN, **Miller WG**, Delatour V. Recommendations for assessing commutability of a replacement batch of a secondary calibrator certified reference material. Clin Chim Acta 2025;567:120097.

St. Peter WL, Bzowyckyj AS, Anderson-Haag T, Awdishu L, Blackman M, Bland A, Chan E, Chmielewski C, Delgado C, Eyler R, Foster C, Hudson J, Kane-Gill SL, Kliethermes MA, Le T, Madabushi R, Martin B, **Miller WG**, Neumiller JJ, Philbrick AM, Roberts G, Schandorf V, Webb AJ, Wu D, Nolin TD. Moving forward from Cockcroft-Gault creatinine clearance to race-free estimated glomerular filtration rate to improve medication-related decision-making in adults across healthcare settings: A consensus of the National Kidney Foundation Workgroup for Implementation of Race-Free eGFR-Based Medication-Related Decisions. Am J Health Syst Pharm. 2025;82:644-659.

Miller WG, Bachmann LM, Budd J, Beasley-Green A, Phinney KW, Tan HT, Teo TL, Liu Q, Shiba S, Seegmiller J. Extent of Equivalence of Results for Urine Albumin among 3 Candidate Mass Spectrometry Reference Measurement Procedures. Clin Chem 2024;70:1375-82.

Sandberg S, Fauskanger P, Johansen JV, Keller T, Budd J, Greenberg N, Rej R, Panteghini M, Delatour V, Ceriotti F, Deprez L, Camara JE, MacKenzie F, Lyle AN, van der Hagen E, Burns C, **Miller WG**, for the IFCC Working Group on Commutability in Metrological Traceability. Recommendations for setting a criterion and assessing commutability of sample materials used in external quality assessment/proficiency testing schemes. Clin Chem 2023;69:1227-37.

Miller WG, Keller T, Budd J, Johansen JV, Panteghini M, Greenberg N, Delatour V, Ceriotti F, Deprez L, Rej R, Camara JE, MacKenzie F, Lyle AN, van der Hagen E, Burns C, Fauskanger P, Sandberg S, for the IFCC Working Group on Commutability in Metrological Traceability. Recommendations for setting a criterion for assessing commutability of secondary calibrator certified reference materials. Clin Chem 2023;69:966-75.

Miller WG, Kaufman HW, Levey AS, Straseski JA, Wilhelms KW, Yu H-Y, Klutts JS, Hilborne LH, Horowitz GL, Lieske J, Ennis JL, Bowling JL, Lewis MJ, Montgomery E, Vassalotti JA, Inker LA. National Kidney Foundation Laboratory Engagement Working Group Recommendations for Implementing the CKD-EPI 2021 Race- Free Equations for Estimated Glomerular Filtration Rate: Practical Guidance for Clinical Laboratories. Clin Chem 2022;68:511-20.

Delgado C, Baweja M, Crews DC, Eneanya ND, Gadegbeku CA, Inker LA, Mendu ML, **Miller WG**, Moxey-Mims MM, Roberts GV, St Peter WL, Warfield C, Powe NR. A unifying approach for GFR estimation: recommendations of the NKF-ASN Task Force on Reassessing the Inclusion of Race in Diagnosing Kidney Disease. J Am Soc Nephrol. 2021 and Am J Kidney Dis. J Am Soc Nephrol 2021;32:2994-3015 and Am J Kidney Dis 2022;79:268-88.