

BOOKS

Clinical Laboratory Hematology, 2nd edition, Prentice Hall (2010) – co-edited with Shirlyn McKenzie

PUBLICATIONS

J. Lynne Williams: Cellular Homeostasis, in Clinical Laboratory Hematology, 2nd edition, McKenzie & Williams, eds. Prentice Hall (2010)

J. Lynne Williams: Hematopoiesis, in Clinical Laboratory Hematology, 2nd edition, McKenzie & Williams, eds. Prentice Hall (2010)

Susan J. Leclair, J. Lynne Williams: Acute Myeloid Leukemias, in Clinical Laboratory Hematology, 2nd edition, McKenzie & Williams, eds. Prentice Hall (2010)

Susan J. Leclair, J. Lynne Williams: Acute Lymphoblastic Leukemias, in Clinical Laboratory Hematology, 2nd edition, McKenzie & Williams, eds. Prentice Hall (2010)

J. Lynne Williams: Secondary Hemostasis and Fibrinolysis, in Clinical Laboratory Hematology, 2nd edition, McKenzie & Williams, eds. Prentice Hall (2010)

J. Lynne Williams: Thrombophilia, in Clinical Laboratory Hematology, 2nd edition, McKenzie & Williams, eds. Prentice Hall (2010)

J. Lynne Williams: New Directions in Hemostasis and Coagulation. Clin Lab Science 20:215-216 (2007)

J. Lynne Williams: Cross Talk Between the Inflammation and Coagulation Systems. Clin Lab Science 20:224-229 (2007)

B. A. Bouchard, J. L. Williams, N. T. Meisler, M. W. Long, P. B. Tracy: Endocytosis of plasma-derived Factor-V by megakaryocytes occurs via a clathrin-dependent, specific membrane binding event. J Thromb Haem 3:541-551 (2005)

J. L. Williams: Advances in Understanding the Molecular Pathogenesis of Neoplastic Hematologic Disorders. Clin Lab Science 17:221-222 (2004)

J. L. Williams: The Myelodysplastic Syndromes and Myeloproliferative Disorders. Clin Lab Science 17:223-234 (2004)

J. L. Williams, C. Swinehart: Thrombophilia, in Clinical Laboratory Hematology, Shirlyn McKenzie, ed. Prentice Hall (2003)

J. L. Williams: Cellular Homeostasis and Hematopoiesis, in Clinical Laboratory Hematology, Shirlyn McKenzie, ed. Prentice Hall (2003)

J. L. Williams: Malignancy: An Evolving Definition of a Cancer Cell. Clin Lab Science 15:37-43(2002)

J. L. Williams, G. Pipia, N.S. Datta, M.W. Long: Thrombopoietin requires additional megakaryocyte-active cytokines for optimal ex vivo expansion of megakaryocyte precursor cells. Blood 91:4118-4126(1998)

N.S. Datta, J.L. Williams, M.W. Long: Differential modulation of G1-S-phase cyclin-dependent kinase 2/cyclin complexes occurs during the acquisition of a polyploid DNA content. Cell Growth and Differentiation 9:639-650(1998)

J. Lynne Williams, The Thalassemias, in Clinical Hematology, 2nd edition, Lotspeich-Steininger, et. al, eds, J.B.Lippincott Co. (1997)

Nabanita S. Datta, J. Lynne Williams, Jerry Caldwell, Alice Curry, Elizabeth K. Ashcraft, Michael W. Long, Novel Alterations in CDK1/Cyclin B1 Kinase Complex Formation Occur During the Acquisition of a Polyploid DNA Content. Molecular Biology of the Cell 7:209-223 (1996)

L. Williams, Clinical Applications of Hematopoietic Growth Factors. Clinical Laboratory Science, Sept.(1993).

M.W. Long, J.L. Williams, K.G. Mann, Expression of Human Bone-related Proteins in the Hematopoietic Microenvironment. J.Clin Inves, 86:1387 (1990)

L. Williams, C.H. Heffner, M.W. Long, Regulation of In Vitro Human Megakaryocyte Maturation, in Molecular Biology and Differentiation of Megakaryocytes, pp 181-198, Wiley-Liss, Inc., 1990.

M.W. Long, C.H. Heffner, J.L. Williams, C. Peters, E.V. Prochownik, Regulation of Megakaryocyte Phenotype in Human Erythroleukemia Cells. J. Clin Invest 85:1072, 1990.

H.R. Hoerr, M.F. Kraemer, J.L. Williams, M.L. Sherman, In Vitro Comparison of the Blood Handling by the Constrained Vortex and Twin Roller Blood Pumps. Journal of Extra-Corporeal Technology 19:316, 1987.

G. Murano, B.M. Alving, L.Williams, D. Walz, Rabbit Fibrin: Characterization of the Separated Chains. Thrombosis Research, 28:125, 1982.

G. Murano, M. Miller-Anderson, L. Williams, Heterogeneity of Purified Human Antithrombin III. Thrombosis Research 28:489, 1981.

L. Williams, G. Murano, Human Antithrombin III Heterogeneity. Blood, 57:229, 1981.

G. Murano, L. Williams, M. Miller-Anderson, D.L. Aronson, C. King, Some Properties of Antithrombin III and its Concentration in Human Plasma. Thrombosis Research, 18:259, 1980.

G. Murano, D. Aronson, L. Williams, L. Brown, The Inhibition of High and Low Molecular Weight Urokinase in Plasma. *Blood*, 55:430, 1980.

Williams, L. Biochemical and Physiological Characterization of Antithrombin III. Dissertation, Wayne State University, Detroit, Michigan, 1978.

G. Murano, D. Walz, L. Williams, J. Pindyck, M. Mosesson, Primary Structure of the Amino Terminal Regions of Chicken Fibrin Chains. *Thrombosis Research*, 11:1, 1977.

L. Williams, Limited Proteolysis of the Purified S-carboxymethyl, Polypeptide Chain Derivative of Human Fibrinogen by the Enzyme Plasmin. Masters Thesis, Wayne State University Library, Detroit, Michigan 1975.

G. Murano, L. Williams, An Improved Method for the Preparative Isolation of the S-carboxymethyl Derivative Chains of Human Fibrinogen. *Prep. Biochem.*, 4:1, 1974.

PUBLISHED ABSTRACTS

L Williams, EA. Ashcraft, F-S Xu, R L. Brown, M W.Long. Human Megakaryocyte Maturation and Platelet Production Are Augmented by Exogenous Lipids. *Blood* 100: (2002) (44th Annual Meeting, American Soc Hematology)

B.A.Bouchard, N.T.Meisler, J. Bombard, J.L.Williams, M.W.Long, P.B.Tracy: Endocytosis and Proteolytic Processing of Plasma Factor V by Human CD34+ derived Megakaryocytes and Megakaryocyte-like Cells. *Blood* 96:625a(2000) (42nd Annual Meeting, American Soc Hematology)

J. L. Williams, M. W. Long, P. Tracey:: CD34+ cell-derived early megakaryocytes endocytose plasma Factor V. *Blood* 94:444a(1999) (41st Annual Meeting, American Society of Hematology)

J. L. Williams, E.J. Carson, M.W. Long: Nuclear localization of cyclin B in endomitotic human megakaryocytes. *Blood* 92:568a(1998) (40th Annual Meeting, American Society of Hematology)

N.S. Datta, J. L. Williams, M.W. Long: CDK-activating kinases differentially activate cyclin dependent kinase complexes during polyploidization. *The Cell Cycle*, pg 53, Cold Spring Harbor Press, 1998.

J. Caldwell, N.S. Datta, J. L. Williams, M. W. Long: Protein Kinase C, but not MAP Kinase, Mediates the Induction of Polyploidization During Megakaryocyte Differentiation of Human Erythroleukemia (HEL) Cells. *Blood* 90:167a(1997) (39th Annual Meeting, American Society of Hematology)

J. L. Williams, M. W. Long: Granulocyte Colony-Stimulating Factor (G-CSF) Augments the Ex-Vivo Expansion of Human CD41⁺ Promegakaryoblasts from CD34⁺ Cells. *Blood* 90:366a(1997) (39th Annual Meeting, American Society of Hematology)

N.S. Datta, J.L. Williams, M.W. Long: CDK-activating kinases differentially activate cyclin-dependent kinase complexes during megakaryocytic endomitosis. Blood 90:49a(1997) (39th Annual Meeting, American Society of Hematology)

J. L. Williams, G. Pipia, M. W. Long: Thrombopoietin:Cytokine interactions Mediate Expansion of Human CD41⁺ Promegakaryoblasts from CD34⁺ Cells. Blood 88:604a(1996) (38th Annual Meeting, American Society of Hematology)

N.S. Datta, J.L. Williams, J. Caldwell, A.M. Curry, M.W. Long: Formation of Novel Cyclin B/Cell Division Kinase (CDK) Complexes During Megakaryocyte Endomitosis. Cold Spring Harbor Symposium, The Cell Cycle, May 1996.

N. Datta, J. L. Williams, J. Caldwell, A. Curry, M. W. Long, Formation of Novel Cyclin B/Cell Division Kinase (CDK) Complexes During Megakaryocyte Endomitosis. Blood 86:283a(1995).^{*} (37th Annual Meeting, American Society of Hematology)

N. Datta, J.L. Williams, M.W. Long, Alterations in Cyclin B and CDC-2 Protein Kinase Play a Role in Megakaryocytic Endomitosis. Blood 84:389a(1994).^{*} (36th Annual Meeting, American Society of Hematology)

N. Datta, J.L. Williams, M.W. Long, Alterations in Cyclin Dependent Complex formation during Endomitosis (Polyploidy), Cold Spring Harbor Symposium, The Cell Cycle, May, 1994

N. Datta, J.L. Williams, M.W. Long, Role of Cyclin D3 and Cyclin E-cell division kinase complexes in Megakaryocyte Endomitosis. Blood 82:209a(1993).^{*} (35th Annual Meeting, American Society of Hematology).

N. Datta, J.L. Williams, M.W. Long, Association of Cyclin D and CDK2 in polyploid Human Erythroleukemia (HEL) Cells. American Society of Biochemistry and Molecular Biology, June, 1993.

N. Datta, C. Chang, J.L. Williams, M.W. Long, Cell Cycle Regulation of Polyploid DNA Content in Human Erythroleukemia Cells. 34th Annual Meeting, American Society of Hematology, December 5, 1992

J.L. Williams, M.W. Long, Differential Regulation of DNA polymerases During Megakaryocyte Differentiation of Erythroleukemia (HEL) Cells. Blood 78:134a, 1991^{*} (33rd Annual Meeting, American Society of Hematology).

M.W. Long, J.L. Williams, Hematopoietic Microenvironment. 2nd International Symposium, Molecular Biology of Hematopoiesis, Innsbruck, Austria, 1991[#]

M.W. Long, C.H. Heffner, J.L. Williams, Phorbol Sensitive Endomitotic DNA Synthesis in Human Erythroleukemia (HEL) cells is Associated with Sustained Expression of CDC2 Kinase Transcripts. Blood 76:103a, 1990

M.W. Long, J.L. Williams, K.G. Mann, TGF- β and Serum Responsiveness of Human Bone Marrow derived Bone Protein Producing Cells. Blood 74:115a, 1989*

M.W. Long, C.H. Heffner, J.L. Williams, Phorbol Sensitive Cytoplasmic Factors Regulate DNA Synthesis in Human Erythroleukemia Cells. Blood 74:111a, 1989*

M.W. Long, L. Williams, C. Peters, K.G. Mann, Human Bone Marrow Contains a Population of Cells Capable of Producing Bone Proteins. American Society of Hematology, December, 1988*

M.W. Long, L. Williams, C. Heffner. Regulation of Megakaryocytic Potential in Human Erythroleukemia Cells. American Society of Hematology. December, 1988

L. Williams, R.J. Rozek, D.J. Magilligan, M. Sawdyk, E. Zapor, Platelet Reactivity Following Exposure to Papaverine Treated Saphenous Veins. 15th Michigan Cardiovascular Research Forum, AHA of MI, 1985

G. Murano, L.W. Brown, L. Williams, D.L. Aronson, Inhibition of High and Low Molecular Weight urokinase by Plasma Inhibitors. 51st Scientific Sessions, American Heart Association, Abstract, 1978

L. Williams, G. Murano, Antithrombin III Heterogeneity. XVIIth Congress, International Society of Hematology, Abstract, 1978

L. Williams, G. Murano, Limited Proteolysis of the Purified Chain of Human Fibrinogen by Plasmin. Vth Congress of the International Society on Thrombosis and Haemostasis, Abstract No. 389, 1975*

*Accepted for Oral Presentation

#Invited Presentation

PRESENTATIONS

2010	October	Epigenetics, Northeast Laboratory Conference, Portland Maine
2010	October	Cancer Stem Cells, Northeast Laboratory Conference, Portland Maine
2010	July	Epigenetics, It's not so scary after all, American Society for Clinical Laboratory Science, annual meeting, San Diego, CA
2010	July	Cancer Stem Cells, American Society for Clinical Laboratory Science, annual meeting, San Diego CA
2010	April	Review of RBC Morphology and its Application in Patient Evaluation, Michigan Society for Clinical Laboratory Science, annual meeting, Lansing MI
2010	April	Overview of Hemostasis and Thrombosis, Michigan Society for Clinical Laboratory Science, annual meeting, Lansing MI

2009	Sept	Career Opportunities for CLS/MT, Michigan Association of Blood Banks, Livonia MI
2009	April	A New Classification System? We Just Got WHO, Michigan Society for Clinical Laboratory Science, Troy, MI
2009	April	The Platelet Life Cycle and Thrombocytopenias, Michigan Society for Clinical Laboratory Science, Troy, MI
2009	Feb	The New WHO Classification System for Hematologic Malignancies, ASCLS, Clinical Laboratory Educators Conference, Denver CO
2007	Sept	Molecular Pathology of Cancer, ASCLS Region III, Triennial Meeting, Myrtle Beach, SC
2007	April	Crosstalk Between the Inflammation and Coagulation Systems. Department of Pathology, University of North Dakota School of Medicine and Health Sciences
2007	April	Crosstalk Between the Inflammation and Coagulation Systems. Annual Meeting, Michigan Society for Clinical Laboratory Science, Lansing, MI
2007	Feb	Clinical Laboratory Educators Conference, Louisville KY. Adjusting Your Hematology Curriculum for 2007 and Beyond
2006	July	Crosstalk Between the Inflammation and Coagulation Systems. Annual Meeting, American Society for Clinical Laboratory Science, Chicago IL
2006	May	Pathophysiology of Hypercoagulability. American Society for Clinical Laboratory Science – Ohio.
2006	May	Myelodysplastic Syndromes, Myeloproliferative Disorders. American Society for Clinical Laboratory Science – Ohio.
2006	April	Congenital and Acquired Thrombocytopenias. Michigan Society for Clinical Laboratory Science, Annual Meeting, Detroit, MI
2006	Feb	Clinical Laboratory Educators Conference, San Antonio, TX. Sabbaticals for CLS/CLT Faculty
2006	Feb	Clinical Laboratory Educators Conference, San Antonio, TX, round table on “WHAT’S Hot, What’s Not, in Hematology”
2005	April	Crosstalk Between the Inflammation and Coagulation Systems. Annual Meeting, Michigan Society for Clinical Laboratory Science, Kalamazoo, MI
2005	Jan	Panel Discussion – Stem Cell Research. Oakland University (sponsored by St. John Fisher Chapel)
2004	July	Breast Cancer – A Personal Journey (Panel Discussion). Annual Meeting, American Society for Clinical Laboratory Science, Los Angeles, CA
2004	April	Introduction to Research. Wayne State University Clinical Laboratory Science Program. Detroit MI
2003	July	Stem Cells – The Science, The Controversies, The Potential. Annual Meeting, American Society for Clinical Laboratory Science Philadelphia PA

2003	June	The Role of Apoptosis in Hematopoiesis. Presented for the Telecommunications Network, University of Texas, San Antonio, School of Health Sciences (broadcast for national subscribers).
2003	April	Stem Cells – The Science, The Controversies, The Potential. Annual Meeting, Michigan Society for Clinical Laboratory Science Detroit, MI
2003	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science, Royal Oak, MI
2002	Oct	What makes a Cell Malignant? Michigan State University Medical Technology Alumni Association Fall Conference
2002	April	What Makes a Cell Malignant? Annual Meeting, Michigan Society for Clinical Laboratory Science, Kalamazoo, MI
2002	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science, Royal Oak, MI
2001	April	Apoptosis, and its Role in Hematopoiesis. Annual Meeting, Michigan Society for Clinical Laboratory Science, Romulus, MI
2001	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science, Royal Oak, MI
2000	Oct	Apoptosis. Department of Clinical Laboratory Science, Michigan State University, East Lansing, MI
2000	July	Cell cycle Regulation: Implications for Human Disease, Annual Meeting, American Society for Clinical Laboratory Science, San Francisco, CA
2000	July	Application of Stem Cell Research to the Clinical Laboratory (Luncheon Roundtable) – Annual Meeting, American Society for Clinical Laboratory Science, San Francisco, CA
2000	April	Molecular Control of the Cell Cycle. Michigan Society for Clinical Laboratory Science, Annual Meeting, East Lansing, MI
2000	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science, Royal Oak, MI
1999	Oct	Apoptosis: Basic Mechanisms and Role in Hematopoiesis, 1999 Advanced Hematology/Hemostasis Symposium, sponsored by American Society for Clinical Laboratory Science, Providence RI
1999	July	Molecular Control of the Cell Cycle, 67 th Annual Meeting of the American Society for Clinical Laboratory Science, New Orleans
1999	March	The Case for Enhancing the Basic Science Component of Clinical Laboratory Science Curricula. Clinical Laboratory Educators Conference (CLEC) annual meeting, San Juan, PR
1999	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science. Royal Oak, MI
1998	Oct	Cytokine Regulation of Hematopoiesis. Department of Clinical Laboratory Science, Michigan State University, East Lansing, MI
1998	Apr	“Do Platelets Really Come from Red Blood Cells? A Review of ‘Poietins’ and their Role in Hematopoiesis.” Michigan Society of Clinical Laboratory Science. Annual Meeting, East Lansing, MI

1998	Feb	Career Alternatives for Clinical Laboratory Science Students in Education and Research. William Beaumont Hospital, School of Clinical laboratory Science. Royal Oak, MI
1998	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science. Royal Oak, MI
1997	Oct	Cytokine Regulation of Hematopoiesis. Department of Clinical Laboratory Science, Michigan State University, East Lansing, MI
1997	April	Demystifying FRPC. For the Faculty Promotion and Tenure Workshop sponsored by Committee W, Oakland University.
1997	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science. Royal Oak, MI
1996	Oct 26	Cytokine Regulation of Hematopoiesis. Department of Clinical Laboratory Science, Michigan State University, East Lansing, MI
1996	Aug 26	Cell Cycle Control and Megakaryocytic Differentiation. Osiris Therapeutics, Baltimore, MD
1996	Aug 1	Hematopoietic Stem Cells - Current Concepts, Future Directions. American Society of Clinical Laboratory Science, 64th National Meeting, Chicago, Illinois
1996	Aug 1	Hematopoietic Regulatory Cytokines, An Update. American Society Clinical Laboratory Science, 64th National Meeting, Chicago, Illinois
1996	July 17	Hematopoietic Regulation. William Beaumont Hospital, Royal Oak, Michigan
1996	June 18	Cytokine Control of Hematopoiesis. Presented for the Telecommunications Network, University of Texas, San Antonio, School of Health Sciences (broadcast for national subscribers).
1996	May 16	Allied Health Education, into the 21st Century. Joint Schools of Allied Health, William Beaumont Hospital, Royal Oak, MI
1996	April 5	Allied Health Education, into the 21st Century. University of Vermont, Burlington, VT
1996	Jan 11	Hematopoietic Regulation. William Beaumont Hospital, Royal Oak, MI
1995	Oct 26	Cytokine Regulation of Hematopoiesis - Department of Clinical Laboratory Science, Michigan State University, East Lansing, MI
1995	April 26	Molecular Biology of Hereditary Hemostatic Defects, Michigan Society for Clinical Laboratory Science, annual meeting, East Lansing, MI (half day session)
1995	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital School of Clinical Laboratory Science. Royal Oak, MI
1994	June 21	The Molecular Biology of Hereditary Hemostatic Defects American Society for Clinical Laboratory Science 62nd National Meeting, Nashville, TN
1994	April 28	Clinical Applications of Hematopoietic Growth Factors Michigan Society of Medical Technology, annual meeting Romulus, Michigan

1994	Jan	Hematopoiesis and Hematopoietic Regulation. William Beaumont Hospital, Clinical Pathology Department, Royal Oak, MI
1993	Nov 13	Demystifying FRPC Procedures - Committee W - Promotion Workshop, Oakland University
1993	June 22	Clinical Applications of Hematopoietic Growth Factors American Society of Medical Technology 61st National Meeting, Washington, DC
1993	Jan 7	Hematopoietic Regulation. William Beaumont Hospital, Royal Oak, Michigan
1992	Apr 8	Clinical Applications of Hematopoietic Regulatory Cytokines. Oakland Society of Medical Technology/Detroit Society of Medical Technology. Rochester Michigan
1991	Jan 21	Hematopoietic Regulation. William Beaumont Hospital, Royal Oak, Michigan
1990	Jan 14	Hematopoietic Regulation. William Beaumont Hospital, Royal Oak, Michigan
1989	May 2	Interaction of Blood With Artificial Surfaces 1989 Blood Coagulation Conference, Michigan State University - East Lansing, Michigan
1989	June 5	Congenital Thrombocytopenia - a Case Study. American Society of Medical Technology 57th Annual Meeting, Washington, DC
1989	Feb 8	Cytokine Regulation of Platelet Production. Departments of Medicine and Pathology, College of Human Medicine, Michigan State University, E. Lansing, Michigan
1989	Feb 2	Megakaryocytic Differentiation in Human Erythroleukemia Cells. University of Maryland at Baltimore, Baltimore, Maryland
1989	Jan 10	Megakaryocytic Differentiation in Human Erythroleukemia Cells. Michigan State University, E. Lansing, Michigan
1988	Sept 16	Marketing and Recruiting for Medical Technology Programs: Panel Discussion, American Society of Medical Technology Region IV Annual Meeting; Detroit, Michigan
1986	Apr 24	Review of Platelet Structure & Function. Michigan Society for Medical Technology, Spring Meeting. Kalamazoo, Michigan
1986	Apr 9	The World Beyond B.S. Oakland Society of Medical Technology/ Detroit Society of Medical Technology joint meeting, Southfield, Michigan
1983	Sep 21-24	The Role of Plasma Protease Inhibitors in Hemostasis. Blood Coagulation, Clinical Laboratory Aspects - Michigan State University - East Lansing, Michigan
1982	Oct 9-10	Blood Coagulation & Fibrinolysis, - Basic Concepts, Helena Laboratories - Beaumont, Texas
1981	March 14	Disseminated Intravascular Coagulation (DIC) and Hypercoagulability. Eastern Michigan University, Ypsilanti, MI
1980	Feb 22	Von Willebrand's Syndrome and Related Disorders. Eastern Michigan University, Ypsilanti, Michigan

1979	Nov 14	Career Alternatives for Medical Technologists. Oakland Society for Medical Technology, Southfield, Michigan
1979	May 14	Role of the Medical Technologist in Research. Wayne State University, School of Pharmacy & Allied Health, Detroit, MI
1978	Jul 23-29	Antithrombin III Heterogeneity. XVIIth Congress of the International Society of Hematology, Paris, France
1977	Nov 12	Heterogeneity of Human Antithrombin III. Fifth Annual Philadelphia Workshop on Hemostasis & Thrombosis, Philadelphia, Pennsylvania

