

ANNUAL INDEX

INDEX TO VOLUME 24, NUMBERS 1 THROUGH 4

The index to Volume 24 of Clinical Laboratory Science is composed of two parts: an Author Index and a Subject Index.

Issue	Pages
Winter	1 – 64
Spring	65 – 128
Summer	129 – 192
Fall	193 – 256
Fall Supplement	4-1 – 4-64

Abbreviations:

AB = Abstract
 CP = Clinical Practice
 DD = Dialogue and Discussion
 FO = Focus
 RR = Research and Reports
 WB = Washington Beat

Abreu, Terese

Continuing Education Seminar: a Service Learning Project for Medical Laboratory Science Students, 90, AB

Adams, Austin

Perceived Emotional Aptitude of Clinical Laboratory Sciences Students Compared to Students in Other Healthcare Profession Majors, 176, RR

Aksu, Guzide

Immunoglobulin Light Chain Levels Can Be Used to Determine Disease Stage in Children with Juvenile Idiopathic Arthritis, 93, RR

Azarsiz, Elif

Immunoglobulin Light Chain Levels Can Be Used to Determine Disease Stage in Children with Juvenile Idiopathic Arthritis, 93, RR

Batorski, Rosemary E

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Behan, Kristina J

HbA1c Does Not Always Estimate Average Glucose, 71, CP

Blankenship, Jamie

Effects of Mentoring on Career Development and Employee Job Satisfaction, 155, AB

Bloom, Leonard

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Bobryk, Sharon

Variation in Pipetting May Lead to the Decreased Detection of Antibodies in Manual Gel Testing, 161, RR

Boyd, Joan L

Communicating and Understanding Laboratory Test Results: What Matters?, 90, AB

Brennan, Lynn E

Packaging and Shipping Capabilities of New York State Hospital Laboratories: A 3-year Drill Assessment, 14, CP

Burhans, Robert L

Packaging and Shipping Capabilities of New York State Hospital Laboratories: A 3-year Drill Assessment, 14, CP

Butina, Michelle

Survey of Healthcare Providers' Expectations of Qualifications of Medical Laboratory Practitioners, 153, AB

Cague, Jennifer

Effectiveness of Educating Nurses as a Means to Decrease the Number of Contaminated Specimens, 154, AB

Camara, Tracy

Bacterial Uropathogens and Their Antibiotic Resistance Profile from a Hospital in Central Alabama, 158, AB

Carvalho, John

Importance of Clinical Microbiologists for U.S. Healthcare Infrastructure, 136, CP

Chiasera, Janelle M

Building an Active and Reflective Laboratory Experience for Clinical Chemistry Students, 153, AB

Chiasera, Janelle M

Clinical Chemistry Student Laboratories: Getting Students to Think Beyond a Set of Steps, 90, AB

Evolution of Clinical Practicum Into a University Capstone Course, 156, AB

Cleland, Brice

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Collins, Leilani

Myeloproliferative Neoplasms: The Role of Molecular Markers, 183, FO

Cordingley, Krystle

DePEGylation Studies: PEG-RBC Stability in Conditions Consistent with Massive Transfusion, 227, RR

Csuka, Mary-Ellen

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Cutsforth, Gwyn

Hemostasis Test Compatibility with Capped and Uncapped Tubes, 215, RR

Dahl, Corey

Perceived Emotional Aptitude of Clinical Laboratory Sciences Students Compared to Students in Other Healthcare Profession Majors, 176, RR

Damon, IK

Comparison of Humoral Immune Responses of Vaccinia Virus using ELISA and a High Throughput Detection Method, 158, AB

Davis Dianne

Entry Level Competencies in Flow Cytometry, 29, RR

Delost, Maria E

The Utility of Essential Functions in Clinical Laboratory Science Programs, 4-21, CP

Dill, Elizabeth

Trypanosoma brucei Infection in a HIV Positive Ugandan Male, 85, CP

2011 INDEX

Drake, Alex

DePEGylation Studies: PEG-RBC Stability in Conditions Consistent with Massive Transfusion, 227, RR

Easely, Kirk

A Estimation of Serum Hyaluronidase Activity Overcoming the Turbidity Interference, 172, RR

Evans, Bridget

The Confirmation of a Novel Approach to Managing Hemolyzed Specimens, 158, AB

Faulkner, Lawrence W

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Fenn, Joann

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Finnegan, Kathleen

Comparison of Greiner and BD Evacuated Coagulation Blood Collection Tubes, 155, AB

Hemostasis Test Compatibility with Capped and Uncapped Tubes, 215, RR

Myeloproliferative Neoplasms: An Overview, 178, FO

Flaws, Maribeth L

Antimicrobial Resistance Mechanisms in *Pseudomonas aeruginosa*, 47, FO

Epidemiology and Pathogenesis of *Pseudomonas aeruginosa* Infections, 43, FO

Introduction: *Pseudomonas aeruginosa*, 41, FO

Treatment Strategies and Recommendations for *Pseudomonas aeruginosa* Infections, 52, FO

Foley, Kevin

Hyperosmolar Hyperglycemic Syndrome with Rhabdomyolysis, 8, CP

Freeman, Vickie

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Fritsma, George

A Effects of Elevated Fibrinogen, Factor VIII, and von Willebrand factor on the INNOVANCE® PFA P2Y cartridge, 156, AB

Fydryszewski, Nadine A

Acanthamoeba Keratitis - A Diagnostic Challenge, 202, CP

Gacad, Vincent

Cryptogenic Hepatitis: A Case Study in Autoantibody Negative Autoimmune Hepatitis, 196, CP

Garon, Jack

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Girish, K Subbaiah

Estimation of Serum Hyaluronidase Activity Overcoming the Turbidity Interference, 172, RR

Golemboski, Karen

Improving Patient Safety: Lessons from Other Disciplines, 114, FO

Goossen, Linda

Variation in Pipetting May Lead to the Decreased Detection of Antibodies in Manual Gel Testing, 161, RR

Graham, Susan S

Essential Thrombocythemia, 187, FO

Gulez, Nesrin

Immunoglobulin Light Chain Levels Can Be Used to Determine Disease Stage in Children with Juvenile Idiopathic Arthritis, 93, RR

Hall, Heather

Student Active Learning within a "Cloud" Technology Program, 4-4, CP

Hammerling, Julie

It Takes a Community to Resurrect a CLS Program, 22, CP

Hanna, Peter H

Acanthamoeba Keratitis - A Diagnostic Challenge, 202, CP

Hansen-Suchy, Kara

Evaluating the Effectiveness of an Online Medical Laboratory Technician Program, 35, RR

Evaluating the Effectiveness of an Online Medical Laboratory Technician Program, 91, AB

Harkins, April L

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Hazy, John M

Communicating and Understanding Laboratory Test Results: What Matters?, 90, AB

Heuertz, Rita M

Research in the Medical Laboratory Science Curriculum, 4-54, FO

Students as Vital Participants in Research Projects, 66, CP

Hu, Peter

Clinical Molecular Testing: Subspecialty, Entry-Level or Specialist Certification?, 208, CP

Ingraham, Benjamin A

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Jeff, Linda H.

Evolution of Clinical Practicum Into a University Capstone Course, 156, AB

Johnson, Shamala

The Confirmation of a Novel Approach to Managing Hemolyzed Specimens, 158, AB

Jones, Kathy

Bacterial Uropathogens and Their Antibiotic Resistance Profile from a Hospital in Central Alabama, 158, AB

Karaca, Neslihan

Immunoglobulin Light Chain Levels Can Be Used to Determine Disease Stage in Children with Juvenile Idiopathic Arthritis, 93, RR

Karem, KL

Comparison of Humoral Immune Responses of Vaccinia Virus using ELISA and a High Throughput Detection Method, 158, AB

Keckler, MS

Comparison of Humoral Immune Responses of Vaccinia Virus using ELISA and a High Throughput Detection Method, 158, AB

Kellogg, Mark

Effectiveness of Educating Nurses as a Means to Decrease the Number of Contaminated Specimens, 154, AB

Kemparaju, Kempaiah

Estimation of Serum Hyaluronidase Activity Overcoming the Turbidity Interference, 172, RR

Kenimer Leibach, Elizabeth

Grounded Theory in Medical Laboratory Science Expert Practice Development, 4-37, RR

The Future of the Profession, 4-2, DD

Kenwright, Kathleen

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

2011 INDEX

Kerrigan, Daniel P

Performance Evaluation of the Sysmex XE-2100 Based on Q-Flags from Seven Hematologic Parameters, 157, AB

Kirkpatrick, Beth D

Trypanosoma brucei Infection in a HIV Positive Ugandan Male, 85, CP

Kraj Barbara

Advanced Cognitive and Psychomotor Objectives for a New MHS-CLS Curriculum, 89, AB

Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP

Evidence Based Practice and Advanced Competencies in a MHS-CLS Program, 4-47, FO

Performance Evaluation of the Sysmex XE-2100 Based on Q-Flags from Seven Hematologic Parameters, 157, AB

Student Molecular Laboratory Performance Outcomes in a Baccalaureate CLS Program, 4-31, RR

Krefetz, Robin G

Approaches to Assisting ESL Students in CLT/MLT Programs, 89, AB

Krndzija, Sead

Correlation of Serum Lactate Levels and Mortality in Septic Patients, 154, AB

Kutlik, Leanne

Determining the Need to Perform a Manual WBC Differential Count, 159, AB

Kutulculer, Necil

Immunoglobulin Light Chain Levels Can Be Used to Determine Disease Stage in Children with Juvenile Idiopathic Arthritis, 93, RR

Larrimore, Christopher

Chronic Familial Mediterranean Fever with Development of Secondary Amyloidosis, 2, CP

Laudicina, Rebecca

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Leclair, Susan J.

A Rose by Any Other Name is a ... Dandelion?, 194, DD

Leibach ,Elizabeth K

Introduction, 4-45, FO

Evidence Based Practice and Advanced Competencies in a MHS-CLS Program, 4-47, FO

Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP

Introduction, 233, FO

Lennon, Alan

Clinical Molecular Testing: Subspecialty, Entry-Level or Specialist Certification?, 208, CP

Liddell, Patty W

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Students as Vital Participants in Research Projects, 66, CP

Liu, Ning

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Lofland, Denene

Shigellosis with Resultant Septic Shock and Renal Failure, 147, CP

McCabe, Kristin

Perceived Emotional Aptitude of Clinical Laboratory Sciences Students Compared to Students in Other Healthcare Profession

Majors, 176, RR

McCoy, Carol

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

McDowell, EN

Comparison of Humoral Immune Responses of Vaccinia Virus using ELISA and a High Throughput Detection Method, 158, AB

McGlasson, David L

Career Research Opportunities for the Medical Laboratory Scientist, 130, CP

Effects of Elevated Fibrinogen, Factor VIII, and von Willebrand factor on the INNOVANCE® PFA P2Y cartridge, 156, AB

McLane, Mary Ann

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Meaders, Eric

Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP

Merschen, Jane

HbA1c Does Not Always Estimate Average Glucose, 71, CP

Miller, Brianna

Building an Active and Reflective Laboratory Experience for Clinical Chemistry Students, 153, AB

Clinical Chemistry Student Laboratories: Getting Students to Think Beyond a Set of Steps, 90, AB

Moore ,M Scott

DePEGylation Studies: PEG-RBC Stability in Conditions Consistent with Massive Transfusion, 227, RR

Moore, Nicholas M

Antimicrobial Resistance Mechanisms in *Pseudomonas aeruginosa*, 47, FO

Epidemiology and Pathogenesis of *Pseudomonas aeruginosa* Infections, 43, FO

Introduction: *Pseudomonas aeruginosa*, 41, FO

Treatment Strategies and Recommendations for *Pseudomonas aeruginosa* Infections, 52, FO

Microgranular Variant Acute Promyelocytic Leukemia with PML/RARA Gene Rearrangement, 157, AB

Moralez, Elba Iris

Shigellosis with Resultant Septic Shock and Renal Failure, 147, CP

Morris, Susan

Just Culture-Changing the Environment of Healthcare Delivery, 120, FO

Mundt, Lillian

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Nadder, Teresa

Entry Level Competencies in Flow Cytometry, 29, RR

The Utility of Essential Functions in Clinical Laboratory Science Programs, 4-21, CP

Nagaraju, Shivaiah

Estimation of Serum Hyaluronidase Activity Overcoming the Turbidity Interference, 172, RR

2011 INDEX

Nelson, Julie

Performance Evaluation of the Sysmex XE-2100 Based on Q-Flags from Seven Hematologic Parameters, 157, AB

Ng, Alexander

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Nolen, Ann H

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Okelberry, Eric

DePEGylation Studies: PEG-RBC Stability in Conditions Consistent with Massive Transfusion, 227, RR

Ostrowski, Stephanie E

Packaging and Shipping Capabilities of New York State Hospital Laboratories: A 3-year Drill Assessment, 14, CP

Otto, Catherine N

Patient Safety and the Medical Laboratory: An Introduction, 105, FO

Patient Safety and the Medical Laboratory: Using the IOM Aims, 108, FO

Owen, Mary Anne

Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP

Pan, Yi

Estimation of Serum Hyaluronidase Activity Overcoming the Turbidity Interference, 172, RR

Papanek, Paula

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Passmore, Gregory G

Determining the Need to Perform a Manual WBC Differential Count, 159, AB

Patel, NR

Comparison of Humoral Immune Responses of Vaccinia Virus using ELISA and a High Throughput Detection Method, 158, AB

Pennell, Paula A

Packaging and Shipping Capabilities of New York State Hospital Laboratories: A 3-year Drill Assessment, 14, CP

Pikul, Valerie T

Hyperosmolar Hyperglycemic Syndrome with Rhabdomyolysis, 8, CP

Pitluck, Molly

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Polancic, Joan

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Pretlow, Lester

Advanced Cognitive and Psychomotor Objectives for a New MHS-CLS Curriculum, 89, AB

Determining the Need to Perform a Manual WBC Differential Count, 159, AB

Evidence Based Practice and Advanced Competencies in a MHS-CLS Program, 4-47, FO

Grounded Theory in Medical Laboratory Science Expert Practice Development, 4-37, RR

The Confirmation of a Novel Approach to Managing Hemolyzed Specimens, 158, AB

Price, Travis

Perceived Emotional Aptitude of Clinical Laboratory Sciences Students Compared to Students in Other Healthcare Profession Majors, 176, RR

Qadir, Hassan

The Use of Immunodiagnostics for the Detection of Invasive Fungal Infections in Immunocompromised Patients: A Case Study, 159, AB

Qian, Li

Bacterial Uropathogens and Their Antibiotic Resistance Profile from a Hospital in Central Alabama, 158, AB

Randolph, Tim

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Ranne, Anne B

Correlation of Serum Lactate Levels and Mortality in Septic Patients, 154, AB

Evidence Based Practice and Advanced Competencies in a MHS-CLS Program, 4-47, FO

Advanced Cognitive and Psychomotor Objectives for a New MHS-CLS Curriculum, 89, AB

Renault, Cybele

Trypanosoma brucei Infection in a HIV Positive Ugandan Male, 85, CP

Riding, Kyle

Effectiveness of Educating Nurses as a Means to Decrease the Number of Contaminated Specimens, 154, AB

Robinett, Zachary

DePEGylation Studies: PEG-RBC Stability in Conditions Consistent with Massive Transfusion, 227, RR

Rodrigues, Stephanie

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Roerich, Tiffany

Two Cases of Anti-M: A Study in Contrasts, 154, AB

Russell, Barbara

Evidence Based Practice and Advanced Competencies in a MHS-CLS Program, 4-47, FO

Advanced Cognitive and Psychomotor Objectives for a New MHS-CLS Curriculum, 89, AB

Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP

Determining the Need to Perform a Manual WBC Differential Count, 159, AB

Grounded Theory in Medical Laboratory Science Expert Practice Development, 4-37, RR

The Confirmation of a Novel Approach to Managing Hemolyzed Specimens, 158, AB

Samson, Maureen

Effectiveness of Educating Nurses as a Means to Decrease the Number of Contaminated Specimens, 154, AB

Sanders, Salvatore

Communicating and Understanding Laboratory Test Results: What Matters?, 90, AB

Sandoval-Herrera, Carlos

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Scarano, Frank J

The Use of Immunodiagnostics for the Detection of Invasive Fungal Infections in Immunocompromised Patients: A Case Study, 159, AB

2011 INDEX

Schaaf, Lynn C.

Approaches to Assisting ESL Students in CLT/MLT Programs, 89, AB

Shanahan, Kristy

Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO

Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Sinsabaugh, Christopher

Atypical Cytogenetics in Therapy-Related Myelodysplastic Syndrome Secondary to Indolent B-Cell Lymphoma, 142, CP

Smith, Linda A

Two Cases of Anti-M: A Study in Contrasts, 154, AB

Stone, Rebecca B

Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP

Stosur, Sharon

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Stunkard, Mary E

Hyperosmolar Hyperglycemic Syndrome with Rhabdomyolysis, 8, CP

Suter, Mike

Performance Evaluation of the Sysmex XE-2100 Based on Q-Flags from Seven Hematologic Parameters, 157, AB

Taylor, J. Kyle

Bacterial Uropathogens and Their Antibiotic Resistance Profile from a Hospital in Central Alabama, 158, AB

Taylor, Tabitha

Dipylidium caninum in a 4-month old male, 212, CP

Tille, Patricia M

Student Active Learning within a "Cloud" Technology Program, 4-4, CP

Van Der Heyden, Brenda

It Takes a Community to Resurrect a CLS Program, 22, CP

Waller, Kathy

Cryptogenic Hepatitis: A Case Study in Autoantibody Negative Autoimmune Hepatitis, 196, CP

Homozygous Sickle Cell Anemia and Secondary Complications: A Case Study, 78, CP

Woo, Douglas

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Wright, Scott

How to Construct an Effective Student Course Packet as an Alternative to PowerPoint printouts, 91, AB

Yontz, Christopher

Homozygous Sickle Cell Anemia and Secondary Complications: A Case Study, 78, CP

Zitzmann, Michele B

Dipylidium caninum in a 4-month old male, 212, CP

Zucker-Levin, Audrey

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Zundel, Cassandra

Perceived Emotional Aptitude of Clinical Laboratory Sciences Students Compared to Students in Other Healthcare Profession Majors, 176, RR

SUBJECT INDEX

Blood Banking

Two Cases of Anti-M: A Study in Contrasts, 154, AB

DePEGylation Studies: PEG-RBC Stability in Conditions Consistent with Massive Transfusion, 227, RR

Clinical Chemistry

HbA1c Does Not Always Estimate Average Glucose, 71, CP

Serum Water Analysis in Normal Pregnancy and Preeclampsia, 99, RR

Correlation of Serum Lactate Levels and Mortality in Septic Patients, 154, AB

Chronic Familial Mediterranean Fever with Development of Secondary Amyloidosis

Hyperosmolar Hyperglycemic Syndrome with Rhabdomyolysis, 8, CP

Analysis of Bone Mineral Density Biomarkers and Physical Activity in MS, 156, AB

Estimation of Serum Hyaluronidase Activity Overcoming the Turbidity Interference, 172, RR

Salivary Cortisol Levels in Students Challenged with a Testing Stressor, 221, RR

Coagulation

Effects of Elevated Fibrinogen, Factor VIII, and von Willebrand factor on the INNOVANCE® PFA P2Y cartridge, 156, AB

Essential Thrombocythemia, 187, FO

Hemostasis Test Compatibility with Capped and Uncapped Tubes, 215, RR

Distance/Online Education

Evaluating the Effectiveness of an Online Medical Laboratory Technician Program, 35, RR

Education

It Takes a Community to Resurrect a CLS Program, 22, CP

Approaches to Assisting ESL Students in CLT/MLT Programs, 89, AB

Clinical Chemistry Student Laboratories: Getting Students to Think Beyond a Set of Steps, 90, AB

Continuing Education Seminar: a Service Learning Project for Medical Laboratory Science Students, 90, AB

How to Construct an Effective Student Course Packet as an Alternative to PowerPoint printouts, 91, AB

Building an Active and Reflective Laboratory Experience for Clinical Chemistry Students, 153, AB

Perceived Emotional Aptitude of Clinical Laboratory Sciences Students Compared to Students in Other Healthcare Profession Majors, 176, RR

The Utility of Essential Functions in Clinical Laboratory Science Programs, 4-21, CP

Student Molecular Laboratory Performance Outcomes in a Baccalaureate CLS Program, 4-31, RR

Clinical Molecular Testing: Subspecialty, Entry-Level or Specialist Certification?, 208, CP

Education – Curriculum

Entry Level Competencies in Flow Cytometry, 29, RR

Advanced Cognitive and Psychomotor Objectives for a New MHS-CLS Curriculum, 89, AB

Evolution of Clinical Practicum Into a University Capstone Course, 156, AB

Education – Technology

Student Active Learning within a "Cloud" Technology Program, 4-4, CP

2011 INDEX

Education Research

- Students as Vital Participants in Research Projects, 66, CP
 Career Research Opportunities for the Medical Laboratory Scientist, 130, CP
 Grounded Theory in Medical Laboratory Science Expert Practice Development, 4-37, RR
 Introduction, 4-45, FO
 Evidence Based Practice and Advanced Competencies in a MHS-CLS Program, 4-47, FO
 Research in the Medical Laboratory Science Curriculum, 4-54, FO
 Introduction, 233, FO
 Research in Clinical Laboratory Science: Professionals' Involvement, 235, FO
 Research in Clinical Laboratory Science: Professionals' Educational Preparation, 243, FO

Hematology

- Homozygous Sickle Cell Anemia and Secondary Complications: A Case Study, 78, CP
 Atypical Cytogenetics in Therapy-Related Myelodysplastic Syndrome Secondary to Indolent B-Cell Lymphoma, 142, CP
 Microgranular Variant Acute Promyelocytic Leukemia with PML/RARA Gene Rearrangement, 157, AB
 Performance Evaluation of the Sysmex XE-2100 Based on Q-Flags from Seven Hematologic Parameters, 157, AB
 Determining the Need to Perform a Manual WBC Differential Count, 159, AB
 Myeloproliferative Neoplasms: An Overview, 178, FO
 Myeloproliferative Neoplasms: The Role of Molecular Markers, 183, FO

Immunology

- Immunoglobulin Light Chain Levels Can Be Used to Determine Disease Stage in Children with Juvenile Idiopathic Arthritis, 93, RR
 Patient Safety
 Patient Safety and the Medical Laboratory: An Introduction, 105, FO
 Patient Safety and the Medical Laboratory: Using the IOM Aims, 108, FO
 Improving Patient Safety: Lessons from Other Disciplines, 114, FO
 Comparison of Humoral Immune Responses of Vaccinia Virus using ELISA and a High Throughput Detection Method, 158, AB
 The Use of Immunodiagnosics for the Detection of Invasive Fungal Infections in Immunocompromised Patients: A Case Study, 159, AB
 Variation in Pipetting May Lead to the Decreased Detection of Antibodies in Manual Gel Testing, 161, RR

- Cryptogenic Hepatitis: A Case Study in Autoantibody Negative Autoimmune Hepatitis, 196, CP

Laboratory Administration

- Packaging and Shipping Capabilities of New York State Hospital Laboratories: A 3-year Drill Assessment, 14, CP
 Communicating and Understanding Laboratory Test Results: What Matters?, 90, AB
 Just Culture-Changing the Environment of Healthcare Delivery, 120, FO
 Survey of Healthcare Providers' Expectations of Qualifications of Medical Laboratory Practitioners, 153, AB
 Effectiveness of Educating Nurses as a Means to Decrease the Number of Contaminated Specimens, 154, AB
 Effects of Mentoring on Career Development and Employee Job Satisfaction, 155, AB

Microbiology

- Introduction: *Pseudomonas aeruginosa*, 41, FO
 Epidemiology and Pathogenesis of *Pseudomonas aeruginosa* Infections, 43, FO
 Antimicrobial Resistance Mechanisms in *Pseudomonas aeruginosa*, 47, FO
 Treatment Strategies and Recommendations for *Pseudomonas aeruginosa* Infections, 52, FO
Trypanosoma brucei Infection in a HIV Positive Ugandan Male, 85, CP
 Importance of Clinical Microbiologists for U.S. Healthcare Infrastructure, 136, CP
 Shigellosis with Resultant Septic Shock and Renal Failure, 147, CP
 Bacterial Uropathogens and Their Antibiotic Resistance Profile from a Hospital in Central Alabama, 158, AB
 Acanthamoeba Keratitis - A Diagnostic Challenge, 202, CP
Dipylidium caninum in a 4-month old male, 212, CP
Phlebotomy
 Comparison of Greiner and BD Evacuated Coagulation Blood Collection Tubes, 155, AB
 The Confirmation of a Novel Approach to Managing Hemolyzed Specimens, 158, AB
Professionalism
 The Future of the Profession, 4-2, DD
 Capturing Professionalism In Pre-Service Education: Professionalism Tool Development and Implementation, 4-11, CP
 A Rose by Any Other Name is a ... Dandelion?, 194, DD