

**University of California, San Francisco**  
**CURRICULUM VITAE**

**Name:** Chuanyi Mark Lu, MD

**Position:** Professor & Vice Chair  
Laboratory Medicine  
School of Medicine

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**EDUCATION**

1983 - 1991	Tongji Medical University	MD, MSc	Medicine
1991 - 1994	Peking (Beijing) University Health Science Center	Lecturer & Staff Scientist	Pathophysiology & Cardiovascular Diseases
1994 - 1998	UC San Diego School of Medicine	Postdoctoral Fellow	Molecular and Cellular Biology
1998 - 2002	UC San Diego Hospitals	Resident	Pathology (Anatomic & Clinical)
2002 - 2003	Harvard Medical School/BIDMC	Clinical Fellow	Hematology & Hematopathology
2005 - 2006	UC San Francisco School of Medicine	Teaching Scholar	Teaching Scholars Program (TSP)

**LICENSES, CERTIFICATION**

1996	ECFMG Certificate, Educational Commission Foreign Medical Graduates (#0-552-787-4)
2000	Physician and Surgeon License , Medical Board of California (#A73318)
2002	Board Certificate: Clinical Pathology, American Board of Pathology (#02-373)
2003	Board Certificate: Hematology , American Board of Pathology (#S-03-175)
2015	MRO Certificate: Medical Review Officer Certification Council (MROCC) (#15-11396)

**PRINCIPAL POSITIONS HELD**

2003 - 2009	University of California, San Francisco, School of Medicine	Assistant Professor	Laboratory Medicine
2003 - present	VA Health Care System, San Francisco	Chief, Hematology & Hematopathology	Laboratory Medicine Service
2009 - 2014	University of California, San Francisco, School of Medicine	Associate Professor	Laboratory Medicine
2014 - 2016	University of California, San Francisco, School of Medicine	Professor	Laboratory Medicine
2016 - present	University of California, San Francisco, School of Medicine	Clinical Professor	Laboratory Medicine
2017 - present	VA Health Care System, San Francisco	Chief, Laboratory Medicine Service (CLIA Lab Director)	Laboratory Medicine
2017 - present	University of California, San Francisco, School of Medicine	Vice Chair	Laboratory Medicine
2019 - present	San Francisco VA Health Care System	Director, Diagnostic Service Line (Pathology, Lab Medicine and Radiology)	

**OTHER POSITIONS HELD CONCURRENTLY**

2003 - present	Veterans Affairs Medical Center - San Francisco	Staff Physician (Attending)	
2004 - present	UCSF Department of Laboratory Medicine	Site Director, Laboratory Medicine Residency Program	
2003 - 2017	UCSF Medical Center	Attending (Hematology & Hematopathology)	
2009 - present	VA Medical Center San Francisco	Director, Clinical Laboratory Scientist (CLS) Training Program	
2011 - present	VA Medical Center San Francisco	Director, Molecular Diagnostics, Lab Medicine Service	
2015 - present	VA Health Care System, San Francisco	Medical Review Officer (MRO)	

2017 - present	VA Health Care System, San Francisco	Director, Clinical Chemistry
2015 - present	San Francisco State University	Faculty, Biological Sciences
2016 - 2019	University of California Berkeley	Faculty, UCB Extension Program
2017 - present	University of San Francisco	Faculty, Biological Sciences

## HONORS AND AWARDS

1995	Trainee Investigator Award	American Society of Clinical Research & Am. Federation for Medical Research
1998	Specialty Research Award	American Federation for Medical Research
2000	National Research Service Award (NRSA)	National Institutes of Health (NIH)
2001	National Research Service Award (NRSA)	National Institutes of Health (NIH)
2001	Paul E. Strandjord Young Investigator Award	Academy of Clinical Laboratory Physicians and Scientists (ACLPS)
2004	Faculty Teaching Award	UCSF - Dept. of Laboratory Medicine
2005-2006	Teaching Scholar	TSP Program, UCSF School of Medicine
2009-2021	Editorial Board Member (representing Am Society of Hematology), appointed by ASH Presidents, 2009-present	Lab Tests Online ( <a href="http://labtestsonline.org">http://labtestsonline.org</a> )
2017	Faculty and Co-Instructor, International Cooperative Leukemia Group & International Cooperative Laboratory of Hematology	Southeast University Medical School, China
2019	Outstanding Contributions to Clinical Chemistry in Education (Award)	AACC (Am Association for Clinical Chemistry) Northern California Section
2021	Federal Employees of The Year Awards: Science & Technology- COVID-19 Testing (Jul 2021)	Federal Executive Board, San Francisco Bay Area

## KEYWORDS/AREAS OF INTEREST

Clinical pathology (laboratory medicine), hematology, coagulation (bleeding and thrombosis), hematopathology (hematopoietic and lymphoid malignancies, including flow cytometry,

cytogenetics & molecular diagnostics), clinical chemistry, molecular diagnostics, laboratory automation, translational research, assay development, medical education.

## **PROFESSIONAL ACTIVITIES**

### **MEMBERSHIPS**

- 2003 - present Academy of Laboratory Physicians and Scientists (ACLPS)
- 2003 - present College of American Pathologists (CAP)
- 2004 - present American Society of Hematology (ASH)
- 2004 - present American Society of Clinical Pathology (ASCP)
- 2008 - present American Association for Clinical Chemistry (AACC)
- 2017 - present Society of Hematopathology (SH)

### **SERVICE TO PROFESSIONAL ORGANIZATIONS**

- |                |  |   |
|----------------|--|---|
| 2004 - present | Residents In-Service Exam Committee, Academy of Laboratory Physicians and Scientists (ACLPS) | RISE Contributor  |
| 2003 - 2022    | College of American Pathologists (CAP)   | Inspector & Inspection Team Leader; Member of the CAP Market Research Panels.   |
| 2009 - 2021    | Am Society of Hematology (ASH) & Am Association for Clinical Chemistry (AACC)                | Editorial Board Member for the Lab Tests Online ( <a href="http://www.labtestsonline.org/">http://www.labtestsonline.org/</a> ) |

### **SERVICE TO PROFESSIONAL PUBLICATIONS**

- 2005 - present Clinica Chimica Acta, Reviewer
- 2009 - present ASCP Case Reports (formerly ASCP Check Sample), Reviewer
- 2009 - present Lab Tests Online (AACC), Editorial Board Member, representing ASH (appointed by the ASH Presidents)
- 2012 - present Clinical Chemistry, Reviewer
- 2015 - present Pathology- Research and Practice, Reviewer
- 2018 - present Cancer Genetics , Reviewer
- 2019 - present American Journal of Hematology, Reviewer
- 2020 - present Hematological Oncology, Reviewer
- 2020 - present The Lancet Respiratory Medicine, Reviewer
- 2021 - present Journal of Clinical Medicine, Reviewer
- 2020 - present Plos One, Reviewer

2020 - present Case reports in Hematology, reviewer

2020 - present Clinical Lymphoma, Myeloma and Leukemia, reviewer

### **INVITED PRESENTATIONS - INTERNATIONAL**

- 2007 Advances in Chronic Myeloproliferative Disorders (invited talk). Tongji Medical College, Huazhong University of Science & Technology, Wuhan, China
- 2010 An Introduction of US Healthcare Systems and Healthcare Reform (invited talk). Shanghai Jiaotong University, Shanghai, China
- 2012 Pharmacogenetic Testing and Targeted Cancer Therapy (invited talks, sponsored by the Ministry of Education of China), at Harbin Medical University (Harbin), Yunnan University (Kunming), and Chinese Academy of Medical Sciences- Hematology Institute (Tianjin), September 10-19, China
- 2013 Practical Issues and Pitfalls in Diagnosing Eosinophilic Myeloid Disorders (Invited Plenary Lecture). The 10th National Congress on Diagnostic Hematology and The 2013 Summit Forum on Hematologic Disorders, Chinese Society of Hematology, April 26-28, Shanghai, China
- 2013 Pharmacogenetic Testing and Targeted Cancer Treatment (invited talk), Institute of Life Sciences, Southeast University, October 29, Nanjing, China
- 2013 Eosinophilic Myeloid Disorders: an Update on Diagnosis and Classification (invited talk). Department of Hematology, Xiangya Medical College, Central South University, November 1, Changsha, China
- 2015 The Use of Freelite Assays in Uncommon Plasma Cell Neoplasms. The Seventh International Symposium on Clinical Applications of Free Light Chain and Heavy/Light Chain Analysis, April 16-17, Edinburgh, United Kingdom
- 2015 Molecular Genetic Testing in the Diagnosis and Management of Acute and Chronic Myeloid Malignancies. The 2nd International Molecular Pathology Symposium: Cancer Genetics and Diagnostics. Huazhong University of Science and Technology, September 18-20, Wuhan, China
- 2016 Myeloid Neoplasms Following Solid Organ Transplantation: Clinicopathologic Studies of 22 Cases. European Association for Hematopathology (EAHP) annual meeting, September 3-6, Basel, Switzerland

- 2017 Advances in Benign and Malignant Hematological and Lymphoid Disorders (30hr CME Course), Southeastern University, May 10-19, Nanjing, China
- 2017 2017 Update on Eosinophilic Myeloid Disorders. Tongji Medical College, Huazhong University of Science and Technology, May 21, Wuhan, China
- 2018 Eosinophilic Neoplasms: When to Consider Stem Cell Transplantation? The 3rd Sino-US International Symposium of HSCT and Cancer Immunology. June 1-3, Chongqing, China
- 2018 2018 Update on Primary Eosinophilic Neoplasms. Northwest Hospital, Xi'an Jiaotong University School of Medicine. June 8, Xi'an, China
- 2018 Hypereosinophilia: 2018 Update. Institute of Hematology, Soochow University College of Medicine. September 25, Suzhou, China
- 2018 Hypereosinophilia: 2018 Update. University Hospital, Henan University of Science & Technology. September 28, Luoyang, China
- 2019 Eosinophilic myeloid neoplasm (2019 Update). University Hospital, Dalian Medical University, September 24, Dalian, China

#### **INVITED PRESENTATIONS - NATIONAL**

- 2001 PTHrP and PTH Immunoassays. Annual Meeting, Academy of Clinical Laboratory Physicians and Scientists (ACLPS), Seattle, WA
- 2009 PNH Diagnostics Advisory Board Meeting. New York, NY
- 2011 PNH Diagnostics Advisory Board Meeting. Miami, FL
- 2016 The Challenges of Precision Medicine and New Advances in Molecular Diagnostic Testing in Hematolymphoid Malignancies- Recommendations for Veterans Healthcare Administration. CAP'16 (College of Am Pathologists), September 25-28, Las Vegas, NV

#### **INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS**

- 1997 Pulmonary hypertension: From Bench to Bedside, UC San Diego Medical Center, San Diego
- 2001 A Mass Spectrometry Based Immunoassay for PTHrP, University of Washington Medical Center, Seattle

2003 Tumor Specific forms of PTHrP: Assay development and identification, VA Medical Center & UCSF, San Francisco, CA

### **GOVERNMENT AND OTHER PROFESSIONAL SERVICE**

2003 - present	Department of Veterans Affairs Medical Center	Staff Physician
2015 - present	Hematopathology Molecular Genomics Committee, VHA National (Department of Veterans Affairs)	Member
2015 - present	VA Health Care System, San Francisco	Medical Review Officer (MRO)
2014 - present	Ad Hoc Expert Review Panel, Chinese Government Award for Outstanding Self-financed Graduate Students Abroad & Chinese Government Scholarship for Foreign Graduate Students in China	Panel member for Life Sciences
2015 - 2019	Overseas Expert Review Panel for the Chang Jiang Scholar (Full Professor) Recruitment Program, Ministry of Education (MOE), China	Panel member for Hematology, Lab Medicine, and Pathophysiology

### **UNIVERSITY AND PUBLIC SERVICE**

#### **UCSF CAMPUSWIDE**

2003 - present	Quality Management Committee, Lab Medicine Service, VAHCS San Francisco	Member (Service Chief)
2004 - present	Transfusion Committee, VAHCS San Francisco	Member
2007 - present	Anticoagulation Therapy Committee, VAHCS San Francisco	Member
2010 - 2010	Hospital Panel for Urine Toxicology Screen Guide, VAMC	Consultant
2011 - 2011	Hospital Panel for 25(OH) Vitamin D Test Order Guide, VAMC	Leader
2015 - present	Medical Review Officer (MRO), VAHCS San Francisco	the MRO
2017 - present	Medical Executive Committee (MEC), VAHCS San Francisco	Member
2017 - present	Professional Standards Board (PSB), VAHCS San Francisco	Member

#### **SCHOOL OF MEDICINE**

2012 - 2018	Admissions Committee, School of Medicine	Faculty Member
2019 - present	Faculty Mentoring Program	Facilitator, Lab Medicine Dept.

**DEPARTMENTAL SERVICE**

2004 - 2017	Lab Medicine Residency Education Committee	Member and Site Director
2004 - 2017	UCSF Hematopathology Fellowship Committee	Member
2007 - 2012	UCSF Clinical Chemistry Fellowship Committee	Member
2005 - 2005	Faculty Search Committee (SFGH Clinical Chemistry Chief)	Member
2007 - 2021	Appointment, Promotion & Merit (APM) Committee, Dept. of Lab Medicine	Member
2010 - 2010	Faculty Search Committee (VAMC Neuropathologist)	Member
2012 - present	Clinical Competence Committee, Dept. of Lab Medicine	Member
2015 - 2015	Advisory Committee on Compensation, Dept. of Lab Medicine	Member
2018 - 2019	School of Medicine Diversity Leadership Group	Department representative
2019 – present	UCSF Pathology and Lab Medicine Diversity, Equity and Inclusion (DEI) Committee	Member
2017-present	Medical Executive Committee (MEC), Veterans Affairs Health Care System, San Francisco	Voting Member

**COMMUNITY AND PUBLIC SERVICE**

2009 - 2021	<a href="http://labtestsonline.org">http://labtestsonline.org</a> (a public resource on diagnostic laboratory testing, more than 4 million visits each month)	Editorial Board Member
2005 – 2017	Tongji Medical College Overseas Alumni Association (TMCOAA)	Executive Board Member (2005-present), President (2005), Vice President (2012)
2021-present	Member, Editorial and Advisory Board	<a href="http://www.testing.com">www.testing.com</a>
2022-present	Member, The Blood Project Content Team	<a href="http://www.thebloodproject.com">www.thebloodproject.com</a>

**CONTRIBUTIONS TO DIVERSITY****CONTRIBUTIONS TO DIVERSITY**

2018-2019: As the department Vice Chair, I was the designated leader for Diversity in the department of Laboratory Medicine. I helped the Chair in creating a culture of diversity and inclusion and in recruiting underrepresented in medicine (UIM) candidates for resident/fellow

and faculty positions. I prepared and helped finalizing the annual department Diversity Report to SOM Leadership.

2019-2020: I facilitated the formation of joint Pathology and Lab Medicine departmental Diversity Committee. I am one of the six committee members, representing Department of Lab Medicine

2020-present: member, DEI Committee, UCSF Departments of Pathology & Lab Medicine

## **TEACHING AND MENTORING**

### **TEACHING SUMMARY**

(1) My ongoing teaching is mostly clinical teaching, i.e. laboratory hematology, coagulation and hematopathology for Clinical Pathology residents and fellows, Hematology/Oncology residents and fellows, and CLS students. (2) I taught 2nd-year medical students as a group discussion leader for the entire M3-Hematology block (2008-2016). (3) Since 2016, I have been teaching the 1st year medical students as a group discussion leader for the ABC-Hematology block. (4) I served as the Site Director of UCSF Lab Medicine Residency Program from 2004-2017. (5) Since its inception in 2008, I have continuously served as the Director of joint SFVA/SFSU Clinical Laboratory Scientist (CLS) Training Program. (6) I have been a member of the Core Competence Committee of the UCSF Lab Medicine Residency Program since 2014.

Additional structured teaching: (1) I taught Internal Medicine residents in the UCSF-VA PRIME Program (2013-2017). (2) I was invited to teach a 45-hour Hematology Course (evening classes) at the SFSU (since Spring 2015), UC Berkeley Extension Program (Spring 2016-Fall 2019), and USF (since Summer 2017).

I am the Mentoring Coordinator for junior faculty (assistant professors), UCSF Department of Laboratory Medicine (since 2017)

## **RESEARCH AND CREATIVE ACTIVITIES**

### **RESEARCH AND CREATIVE ACTIVITIES**

#### **PEER REVIEWED PUBLICATIONS**

1. Lu C, Jin XR. Calcium overload in myocardial ischemia and reperfusion injury. *J Clin Pathophysiol (Guo Wai Yi Yue)*, 1990; 10(4):185-187. (Review)
2. Lu C, Wang DX. Effects of dietary magnesium on pulmonary vascular reactivity and chronic hypoxic pulmonary hypertension. *J Tongji Med Univ*, 1991;11(1): 1-5.
3. Lu C, Wang DX. Effects of dietary oils on pulmonary vascular reactivity and chronic hypoxic pulmonary hypertension. *J Tongji Med Univ*, 1992;12(2): 124-128.
4. Lu C, Wang DX, Yu SB. Effects of acute ingestion of alcohol on pulmonary hypertension: Role of leukotrienes and prostaglandins. 1992; *J Tongji Med Univ*, 12(4): 253-256.
5. Lu C, Wang DX, Yu SB. Different effects of green tea and red tea on pulmonary vascular reactivity and chronic pulmonary hypertension. *Chin J Appl Physiol* 1992; 8: 480-494.
6. Lu C, Wang DX, Yu S. Effect of alcohol ingestion on acute hypoxic pulmonary vasoconstriction in dogs - role of leukotrienes. *Chin J Appl Physiol*, 1992; 8(3): 205-208.

7. Lu C, Wang DX. Dietary oils and experimental pulmonary hypertension. *Chin J Pathophysiol*, 1992; 8(3):234-237.
8. Lu C, Tang CS. Cardionatin and pulmonary hypertension: Pathophysiology and clinical application. *Progress in Physiological Sciences* 1993; 24: 272-275. (Review)
9. Lu C, Tang CS. Interleukin-8 and inflammation: Pathophysiology and implication in cardiovascular disorders. *Progress in Physiological Sciences* 1993; 24: 351-354. (Review)
10. Lu C, Su J, Tang C, Zhou B, Ma D. Protective role of recombinant interleukin-8 on tourniquet shock in rats. *J Beijing Med Univ* 1993; 25(5): 337.
11. Yang YD, Lu C, Wang GC, Zhou AR, Tang J, Gu JR. Expression, isolation and bioactivity recovery of recombinant human VEGF from the prokaryotic expression products in *E. coli*. *High Technology Letters* 1994; 4(3): 28-31.
12. Tian Q, Yang Q, Lu CY. A novel hypotensive polypeptide- adrenomedullin. *Sheng Li Ke Xue Jin Zhan (Progress in Physiological Sciences)* 1995; 26:149-151. (Review)
13. Yang Y, Wang G, Lu C, Yang H, Zhu X, Zhou A, Tang J, Ma D. Purification and bioactivity recovery of recombinant human vascular endothelial growth factor from the prokaryotic expression products in *E. coli*. *J Beijing Med Univ* 1994; 26 (suppl.): 89-92.
14. Wang LZ, Lu CY, Su JY, Zhou BH, Ma DL. Therapeutic effect of recombinant IL-8 on experimental shock and its underlying mechanisms. *Clin J Pathophysiol* 1995;11(2):131-134.
15. Lu C, Giordano FJ, Rogers KC, Rothman A. Adenovirus-mediated increase of exogenous and inhibition of endogenous fosB expression in pulmonary arterial smooth muscle cells. *J Mol Cell Cardiol*, 28: 1703-1713, 1996.
16. Wang LZ, Su JY, Lu C, Zhou BH, Ma DL. Effects of recombinant human endothelial-derived interleukin-8 on hemorrhagic shock. *Acta Pharmacologica Sinica*, 18: 434-437, 1997.
17. Lu C, Giordano FJ, Bao X, Morris KC, Rothman A. Antisense fosB RNA inhibits thrombin-induced hypertrophy in cultured pulmonary arterial smooth muscle cells. *Circulation*, 98: 596-603, 1998.
18. Bao X, Lu C, Frangos JA. Temporal gradient in shear but not steady shear stress induces PDGF-A and MCP-1 expression in endothelial cells: Role of NO, NFkB, and egr-1. *Arterioscler Thromb Vasc Biol*, 19: 996-1003, 1999.
19. Bao X, Lu C, Frangos JA. Mechanism of temporal gradients in shear induced ERK1/2 activation and proliferation in endothelial cells. *Am J Physiol*, 281: H22-H29, 2001.
20. Lu CM, Burton DW, Fitzgerald RL, Deftos LJ, Buchholz BA, Vogel JS, Herold DA. Mass spectrometric immunoassay for parathyroid hormone-related protein. *Analytical Chemistry*, 74: 5507-5512, 2002.
21. Sproat LO, Pantanowitz L, Lu CM, Dezube BJ. HIV-associated hemophagocytosis with iron deficiency anemia and massive splenomegaly. *Clin Infect Dis*, 37: e170-e173, 2003.
22. Lu CM, Dezube B, Pantanowitz L. Human immunodeficiency virus infection masquerading as monoclonal gammopathy of undetermined significance. *N Engl J Med*, 349: 1192-1193, 2003.

23. Aslam A, Misbah SA, Pantanowitz L, Lu CM, Dezube BJ. Human immunodeficiency virus infection masquerading as monoclonal gammopathy of undetermined significance. *N Engl J Med*, 349: 2362-2363, 2003.
24. Lu CM. DDK1 in multiple myeloma. *N Engl J Med*, 350: 1464-1466, 2004.
25. Etzell J, Lu CM, Browne LW, Wang E. Erythrophagocytosis by dysplastic neutrophils in chronic myelomonocytic leukemia and subsequent transformation to acute myeloid leukemia. *Am J Hematol*, 79: 340-342, 2005.
26. Swain R, Miller S, Lu C. Cervicofacial actinomycosis. *ASCP CheckSample Microbiology*, MB05-5 (MB05-330): 2005.
27. Lu CM, Murata-Collins JL, Wang E, Siddiqi I, Lawrence HJ. Concurrent Acute Myeloid Leukemia with inv(16)(p13q22)/CBF $\beta$ -MYH11/Secondary Trisomy 22 and Chronic Lymphocytic Leukemia: Molecular Evidence of Two Separate Diseases. *Am J Hematol*, 81: 963-968, 2006.
28. Lu CM, Wang E, Lawrence HJ. Simultaneous presence of major secondary chromosomal abnormalities in blast crisis of chronic myeloid leukemia. *Cancer Genet Cytogenet*, 172: 174-175, 2007.
29. Lu CM, Wang E. Acute megakaryoblastic leukemia: clinical and pathologic features. *ASCP CheckSample Hematology*, 42 (2):H07-2 (H-309), 2007.
30. Jalas J, Wang E, Lu CM. T-cell large granular lymphocyte leukemia and associated pure red cell aplasia. *ASCP Check Sample Hematology*, 42(4):H07-4 (H-311), 2007.
31. Lu CM, Wang E. Juvenile myelomonocytic leukemia. *ASCP Check Sample, Hematology* 43(6):H08-6 (H-321), Aug 2008.
32. Wang E, Lu CM. Refractory cytopenia with multilineage dysplasia and ringed sideroblasts. *ASCP Check Sample Hematology* 43(8):H08-8 (H-323), Oct 2008.
33. Jalas J, Wang E, Lu CM. Lymphoplasmacytic lymphoma/Waldenstrom's macroglobulinemia. *ASCP Check Sample, Hematology*, 44(1):H09-1 (H-324), Jan 2009.
34. Bao X, Lu CM, Liu F, Gu Y, Dalton N, Zhu BQ, Foster E, Chen J, Karliner JS, Ross J, Simpson PC, Ziegler MG. Epinephrine is required for normal cardiovascular responses to stress in the phenylethanolamine N-methyltransferase knockout mice. *Circulation*, 116:1024-1031, 2007
35. Pandey S, Herold DA, Lu CM. Measurement of Microalbuminuria Using the Caliper P200 Protein Chip. *Am J Clin Path*, 129(3):432-438, 2008.
36. Bao X, Liu F, Gu Y, Sun P, Lu CM, Ziegler M. Impaired chronotropic response to exercise in mice lacking catecholamines in adrenergic cells. *Ann NY Acad Sci*. 2008 Dec; 1148:297-301. [PMID: 19120121]
37. Hutchinson CB, Lu CM, Wang E. Kikuchi histiocytic necrotizing lymphadenitis. *ASCP Check Sample, Hematology*, 45(1):H10-1 (H-332), Jan 2010.
38. Molofsky AB, Lu CM. Anaplastic large-cell lymphoma, ALK-positive. *ASCP Check Sample, Hematology*, 45(6):H10-6 (H-337), Aug 2010.
39. Wang E, Boswell E, Siddiqi I, Lu CM, Sebastian S, Rehder C, Huang Q. Pseudo-Pelger-Huet anomaly induced by medications. *Am J Clin Pathol* 2011 Feb;135:291-303.

40. Wang E, Hutchinson CB, Huang Q, Lu CM, Crow J, Wang FF, Sebastian S, Rohder C, Lagoo A, Horwitz M, Rizzieri D, Yu JW, Goodman B, Datto M, Buckley P. Donor cell derived leukemias/myelodysplastic neoplasms in allogeneic hematopoietic stem cell transplant recipients: A clinicopathological study of 10 cases and a comprehensive review of the literature. *Am J Clin Pathol* 2011 Apr;135:525-540.
41. Yukl SA, Li P, Fujimoto K, Lampiris H, Lu CM, Hare CB, Deeks SG, Liegler T, Pandori M, Havlir DV, Wong JK. Modification of the Abbott RealTime assay for detection of HIV-1 plasma RNA viral loads less than one copy per milliliter. *J Virol Methods* 2011 Aug; 175:261-265. [PMID: 21536073]
42. Lu CM, Zhou L, Feng S, Kohn PH, Qi Z, Yu J. Presence of complex t(6;9;22;15) four-way chromosome rearrangements plus a rare t(1;6) translocation with favorable response to imatinib therapy in chronic myelogenous leukemia. *Leuk Lymphoma* 2011 Nov; 52:2182-2184. [PMID: 21718138]
43. Lu CM, Zhou L, Wang E, Feng S, Sebastian S, Behler C. Development of refractory anemia with ring sideroblasts and marked thrombocytosis (RARS-T) from RARS through acquisition of Jak2 V617F mutation. *Leuk Lymphoma* 2011 Dec; 52:2405-2407. [PMID: 21806348]
44. Lu CM. Pathology consultation on vitamin D testing: Clinical indications for 25(OH) vitamin D measurement. *Am J Clin Pathol* 2012; 137:831-832. [PMID: 22645788]
45. Alley CL, Wang E, Dunphy CH, Gong JZ, Lu CM, Boswell EL, Burchette J, Lagoo AS. Diagnostic considerations and clinical implications of concomitant bone marrow involvement by plasma cell myeloma and chronic lymphocytic leukemia/monoclonal B lymphocytosis: a series of 15 cases review of literature. *Arch Pathol Lab Med* 2013 Apr; 137(4):503-517. [PMID: 23544940]
46. Lu CM. Commentary on clinical case study- A 77-year-old man with bleeding and prolonged aPTT (invited). *Clin Chem* 2012; 58(10):1406-1407. [PMID: 23024129]
47. Cascio M, Lu CM. Serum free light chain analysis and plasma cell neoplasms. *ASCP Check Sample, Hematology*, 48(2):HP13-2 (H-357), March 2013.
48. Reddi DM, Lu CM, Fedoriw G, Liu YC, Wang FF, Ely S, Boswell EL, Louissaint A, Arcasoy MO, Goodman BK, Wang E. Myeloid neoplasms secondary to plasma cell myeloma: an intrinsic predisposition or therapy-related phenomenon? Clinicopathological study of 41 cases and correlation of cytogenetic features with treatment regimens. *Am J Clin Pathol* 2012; 138(6):855-866. [PMID: 23161720]
49. Wool G, Lu CM. Pathology consultation on anticoagulation monitoring: factor X-related assays (invited review). *Am J Clin Pathol* 2013; 140:623-634. [PMID: 24124140]
50. Wiita AP, Hsu GW, Lu CM, Esensten JH, Wells JA. Circulating proteolytic signatures of chemotherapy-induced cell death in humans discovered by N-terminal labeling. *Proc Natl Acad Sci USA* 2014 May 27; 111(21):7594-7599. [PMID: 24821784]
51. Wu B, Ingersoll K, Jug R, Lo A, Rehder C, Gong J, Lu CM, Wang E. Myeloid neoplasms following solid organ transplantation: clinicopathologic studies of 23 cases. *Am J Clin Pathol* 2017 Dec 20; 149(1):55-66. [PMID: 29228125]
52. Wang-Rodriguez J, Yunes A, Phan R, Ma N, Baddoura F, Mosse C, Kim AS, Lu CM, Dong DZM, Schichman SA, Icardi M, Ehsan A. The challenges of precision medicine and new

- advances in molecular diagnostic testing in hematolymphoid malignancies: Impact on the VHA. *Fed Pract.* 2017 Aug;34(Suppl 5):S50-S61. [PMID: 30766310]
53. Yang LH, Su P, Luedke C, Lu CM, Louissant A, McCall C, Rapisardo S, Vallangeon B, Wang E. Chronic myeloid leukemia following treatment for primary neoplasms or other medical conditions: a report of 21 cases and review of the literature. *Am J Clin Pathol* 2018, Jul 31;150(3):246-258. [PMID: 29992292]
  54. Knez V, Liu X, Schowinsky J, Pan ZG, Wang D, Lorsbach R, Lu CM, Luedke C, Wang E, Liang X. Clinicopathologic and genetic spectrum of infantile B-lymphoblastic leukemia: A multi-institutional study. *Leukemia & Lymphoma* 2018; Sep 6:1-8 [PMID: 30188223]
  55. Liu X, Zhao Y, Luedke C, Jug R, Yang LH, Lu CM, Pan Z, Wang D, Lorsbach R, Shi Y, Knez V, Rehder C, Liang X, Wang E. Infantile Leukemia - What Factors Determine Its Distinct Biological Nature? *Clinicopathological Study of 78 Cases.* *Int J Lab Hematol.* 2021 Oct;43(5):1117-1122. doi: 10.1111/ijlh.13540. Epub 2021 Apr 13. [PMID: 33847065]
  56. Mattis DM, Wang SA, Lu CM. Contemporary Classification and Diagnostic Evaluation of Hypereosinophilia- An ACLPS Critical Review. *Am J Clin Pathol.* 2020 Aug 5; 154(3):305-318. [PMID: 32525541] (invited review)
  57. Domeracki S, Clapp RN, Taylor K, Lu CM, Lampiris H, Blanc PD. Cycle Threshold to Test Positivity in COVID-19 for Return to Work Clearance in Health Care Workers. *J Occup Environ Med.* 2020 Nov; 62(11):889-891. [PMID: 32804748]
  58. Du J, Chu E, Zhang D, Lu CM, Zhang A, Sha MY. A high-throughput anti-SARS-CoV-2 IgG test platform for COVID-19. *J Virol Methods.* 2021 Jan; 287:114009 [PMID: 33152411]
  59. Sun Q, Ren H, Li J, Poster L, Madej R, Loginova Y, Lu CM, Ma Y, Zhang A, Sha M. A highly sensitive and multitarget RT-PCR test for COVID-19. *J Infect Dis* (2020, submitted)
  60. Yukl SA, Khan S, Chen TH, Trapecar M, Wu F, Xie G, Telwatte S, Fulop D, Rico AR, Laird GM, Ritter KD, Jones NG, Lu CM, Siliciano RF, Roan NR, Milush JM, Somsouk M, Deeks SG, Hunt PW, Sanjabi S. Shared Mechanisms Govern HIV Transcriptional Suppression in Circulating CD103+ and Gut CD4+ T-cells. *J Virol.* 2020 Dec 22; 95(2):e01331-20. [PMID: 33115867]
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