

Sumire K. Kitahara, M.D.

Professional Address
8700 Beverly Blvd
Los Angeles, CA 90048

Current Professional and Academic Appointments

01/2015 – Present Hematopathologist and Coagulation Consultant, Beverly Pathology, Los Angeles, CA
07/2020 – Present Residency Program Co-Director, Pathology and Laboratory Medicine, Cedars-Sinai
11/2011 – Present Associate Director, Hematopathology Fellowship Program, Cedars-Sinai
07/2013 – Present Assistant Professor of Pathology and Laboratory Medicine, Cedars-Sinai

Hospital Privileges

07/2011 – Present Attending Physician, Cedars-Sinai, Los Angeles, CA

Education

2002 B.A. Pomona College, Claremont, CA
 University of Paris, Sorbonne, Paris, France
 Major: Biology; Minor: French
 Honors: *Magna Cum Laude*
 Phi Beta Kappa
 Sigma Xi

2006 M.D. University of California, San Diego, School of Medicine, La Jolla, CA

2010 Resident Anatomic/Clinical Pathology, Cedars-Sinai, Los Angeles, CA
 Chief Resident: 2009-2010

2011 Fellow Hematopathology, Cedars-Sinai, Los Angeles, CA

Licensure

California Medical Board, #A102595

Board Certification

2010 Anatomic and Clinical Pathology, American Board of Pathology
2012 Hematopathology, American Board of Pathology

Prior Positions Held

04/2009 - 03/2010	Chief Resident, Anatomic and Clinical Pathology, Cedars-Sinai
07/2011 – 12/2014	Hematopathologist and Coagulation Consultant, Consultants for Pathology & Laboratory Medicine, Los Angeles, CA
07/2011 – 12/2013	Associate Medical Director, Clinical Microbiology Lab, Cedars-Sinai
01/2014 – 12/2015	Medical Director, Clinical Microbiology Lab, Cedars-Sinai
07/2015 – 06/2016	Associate Residency Program Director, Pathology and Laboratory Medicine, Cedars-Sinai
07/2016 – 06/2020	Residency Program Director, Pathology and Laboratory Medicine, Cedars-Sinai

Honors and Awards

2002	Phi Beta Kappa, Pomona College
2002	Magna Cum Laude, Pomona College
2000	Sigma Xi Scientific Honor Society, Pomona College
2000-2002	Scholarship, Achievement Reward for College Scientists (ARCS), Pomona College
2000, 2001	Grant, Summer Undergraduate Research Program, Pomona College
2000-2001	Grant, National Science Foundation, Pomona College
2009	CAP Foundation Conference Travel Award, Pathology Visions Conference
2009	Nathan B. Friedman Award for Resident Pathology Research, Cedars-Sinai Medical Center
2010	Leo G. Rigler Award for Academic Achievement, Residency, Cedars-Sinai Medical Center
2013-2014	"Golden Apple" Award for Excellence in Teaching and Outstanding Contributions to Medical Education, Cedars-Sinai Medical Center
2020	Association of Pathology Chairs Inspiration Poster Award, "Consultative Interpretation for Lupus Anticoagulant by Expert Pathologists Reduces False-Positive Rates in the Era of Direct Oral Anticoagulants"

Professional Activities

2001-2002	Projects Chair – Community services, Mortar Board Senior Honor Society, Pomona College
2002-2003	Mentor, DOC 4 A DAY – UCSD School of Medicine
2002-2004	Instructor, Doctors Ought to Care (DOC) – UCSD School of Medicine
2008	Course Monitor, California Society of Pathologists, Annual Convention, Century City, CA
2008-2010	Presenter, General Oncology Tumor Board, Cedars-Sinai
2009	Coordinator, Digital Educational Study Sets, Cedars-Sinai Group, www.PathXchange.org
2009	“Power User”, PowerPath Upgrade Project, Cedars-Sinai
2009	Pathology Resident Representative, Cedars-Sinai Medical Student Reception
2011-2015	Physician Liaison, "MD Feedback Reports", Department of Pathology & Lab Medicine (DPLM), Cedars-Sinai (Process improvement based on physician feedback/"voice of customer")
2011-2015	Clinical Microbiology Synergy Executive Team, Cedars-Sinai
2011-present	Special Testing/Hematopathology Synergy Executive Team, Cedars-Sinai
2010-present	Lymphoma/Leukemia Tumor Board, Multidisciplinary/SOCCI Tumor Board, Cedars-Sinai
2012-2013	Tower Hematology-Oncology Tumor Board, Beverly Hills, CA
2012-2013	Medical Staff Leadership Development Program, Cedars-Sinai
2013-2015	Clinical Pathology Operations Council, Cedars-Sinai
2014-present	Board of Directors, Los Angeles Society of Pathologists

1/2015 Course Organizer, Annual All-Day Symposium, Los Angeles Society of Pathologists
2015-2017 Vice President, Los Angeles Society of Pathologists
2016-present Chair, Pathology Residency On-boarding Committee, Cedars-Sinai
1/2017 Course Organizer, Annual All-Day Symposium, Los Angeles Society of Pathologists
2/2017 Accreditation site visit, Accreditation Council for Graduate Medical Education, Pathology Residency Program, Cedars-Sinai
3/2017 Ad Hoc Contributor, Pathology Informatics Essentials for Residents (PIER) curriculum
8/2017 Medical Staff Hearing Committee, Cedars-Sinai
10/2017 Course Organizer, "Enhancing Pathology Education", DPLM Retreat, Cedars-Sinai
2018 President, Los Angeles Society of Pathologists
1/2018 Course Organizer, Annual All-Day Symposium, Los Angeles Society of Pathologists
2018-19 Organizer, Department Pathophysiology Conference (DPC), DPLM, Cedars-Sinai
10/2018 Accreditation Review by Institute of Medical Quality Continuing Medical Education Accreditation Program, Los Angeles Society of Pathologists
11/2018 Accreditation site visit, Accreditation Council for Graduate Medical Education, Pathology Residency Program, Cedars-Sinai
1/2019 Course Organizer and Masters of Ceremony, Annual All-Day Symposium, Los Angeles Society of Pathologists
1/2020 Course Organizer and Host, Annual All-Day Symposium, Los Angeles Society of Pathologists

Journal Activities

Reviewer, Human Pathology

Committees

2009-2010 Graduate Medical Education Committee, resident representative, Cedars-Sinai
2009-2010 Housestaff Executive Committee, Cedars-Sinai
2009-2010 Residency Education Committee, resident member, Cedars-Sinai
2011-2015 Referral Testing Committee, Department of Pathology & Lab Medicine, Cedars-Sinai
2011-2015 Laboratory Management Advisory Group, Cedars-Sinai
2011-present Clinical Pathology Performance Improvement Committee, Cedars-Sinai
2011-present Billing and Coding Committee, Department of Pathology & Lab Medicine, Cedars-Sinai
2011-present Program Evaluation Committee (PEC), Pathology Residency, Cedars-Sinai
2015-present Clinical Competency Committee, Hematopathology Fellowship Program, Cedars-Sinai
2015-present Clinical Competency Committee, Pathology Residency Program, Cedars-Sinai
2015-present Graduate Medical Education Committee, Cedars-Sinai
2015-present Pathology Residency On-boarding Committee, Cedars-Sinai
2016-present Chair, Program Evaluation Committee, Pathology Residency, Cedars-Sinai
2016-present Webpage Committee, Department of Pathology & Lab Medicine, Cedars-Sinai
2016-present Education Innovation Council, Cedars-Sinai
2016-2018 Research Advisory Committee, Department of Pathology & Lab Medicine, Cedars-Sinai
2017 Pathology Education Retreat Planning Committee, Chair, Cedars-Sinai
2017 GMPC Program Evaluation Subcommittee, Cedars-Sinai
2018-2019 Organizer, Scholarly Housestaff Workshop (SHoW), DPLM, Cedars-Sinai

- 2018-present Pathology Resident Quality Improvement/Patient Safety Subcommittee, Program Evaluation Committee, Pathology Residency Program, Cedars-Sinai
- 2018-present Residency Admissions Committee, Department of Pathology & Lab Medicine, Cedars-Sinai

Professional Memberships

- 2006-present Los Angeles Society of Pathologists
- 2007-present American Society for Clinical Pathology
- 2010-present American Society of Hematology
- 2014-present Society for Hematopathology
- 2015-present Association of Pathology Chairs, Program Directors section

Courses, Invited Lectureships and Teaching Responsibilities

- 1999 Multivariable calculus teaching assistant, Department of Mathematics, Pomona College
- 1999-2001 Japanese language teaching assistant and tutor, Department of Asian Languages/Literature, Pomona College
- 2000 Instructor, Introduction to Genetics Lab, Department of Biology, Pomona College
- 2004 Tutor, Anatomy
- 2004 Tutor, Histology
- 2009-2010 Chief Resident in Anatomic/Clinical Pathology, Cedars-Sinai Medical Center
- 2011-present Clinical Pathology Didactics Series (biannually), Cedars-Sinai
- T-cell lymphomas
 - Non-neoplastic RBC/WBC disorders
 - Classic myeloproliferative neoplasms
 - Hodgkin lymphomas
 - Hemoglobin variants/hemoglobinopathies
- Onboard Lecture Series (annually), Cedars-Sinai
- "Lymphoid organs"
- Slide Conferences (biannually), Cedars-Sinai
- Reactive lymphadenopathies
 - Hematopathology unknowns
 - Peripheral blood unknowns
- June 10, 2014 LASOP Cedars-Sinai Slide Seminar: "New Approach for routine TB screening of Healthcare workers"
- June 17, 2017 Cedars-Sinai Clinical Laboratory Symposium: "The Chemistry and Hematology Detective: Using common lab scenarios to corroborate the clinical picture"
- September 16, 2017 Cedars-Sinai DPLM Course: Introduction to Laboratory Hemostasis, "Platelet Function Testing"
- September 23, 2017 Cedars-Sinai DPLM Course: Introduction to Laboratory Hemostasis, "Evaluation of abnormal PT and PTT"
- September 20, 2018 "Rare lymphomas in unusual sites: variations of effusion and non-effusion lymphomas", Department of Pathology, Emory University School of Medicine

June 22, 2019 Mentor to Aileen Puga, CLS presenting at Cedars-Sinai Laboratory Symposium: ANCA: The laboratory picture and its significance in identifying underlying disease

September 12, 2019 "Idiopathic eosinophilia with arterial thromboses (SH2019-0063)", Society for Hematopathology/European Association for Haematopathology Workshop: Addressing the Challenges of Eosinophilia and Mastocytosis

Peer-Reviewed Articles

1. **Kitahara S**, Walsh C, Frumovitz M, Malpica A, Silva EG. Vascular Pseudoinvasion in Laparoscopic Hysterectomy Specimens for Endometrial Carcinoma: A Grossing Artifact? *Am J Surg Pathol* 2009;33(2):298. PMID: 18987543
2. **Kitahara S**, Chan RC, Nichols WS, Silva EG. Invader HPV test reveals a poorly-recognized deceiving group of cervical HSIL associated with HPV types-not-16/18. *Ann Diagn Pathol* 2012;16(2):100-6. PMID: 22197542
3. Kling E, **Kitahara S**, Posligua L, Malpica A, Silva EG. The 2 stromal compartments of the normal cervix with distinct immunophenotypic and histomorphologic features. *Ann Diagn Pathol* 2012;16(5):315-22. PMID: 22503284
4. Hayes C, **Kitahara S**, Tcherniantchouk O. Decreased threshold of aggregation to low-dose epinephrine is evidence of platelet hyperaggregability in patients with thrombosis. *Hematol Rep* 2014;6(3):5326. PMID: 25317317
5. Hayes C, Alkan S, **Kitahara S**. Indolent fibrin-associated EBV-positive large B-cell lymphoproliferative disorder in a lower extremity aneurysmal hematoma: a case report. *J Hematopathol* 2014;7(9):139-143. <https://doi.org/10.1007/s12308-014-0213-4>
6. Usmani A, Walts AE, Patel S, Alkan S, **Kitahara S**. HHV8-negative effusion based lymphoma: A series of 17 cases at a single institution. *J American Society of Cytopathology* 2015;4(1):37-43. PMID: 31051672
7. **Kitahara S**, Farahani N, Volod O. Cost-effective HIT diagnosis: Utilizing IgG-specific PF4 immunoassay reduces the number of confirmatory serotonin release assays without missing true HIT. *Hematol Transfus Int J* 2015;1(1):00007.
8. Aggarwal N, Pongpruttipan T, Patel S, Gayeri MG, Alkan S, Nathwani B, Surti U, **Kitahara S**, Chinthammitr Y, Swerdlow SH. Expression of S100 protein in CD4-positive T-cell lymphomas is often associated with T-cell prolymphocytic leukemia. *Am J Surg Pathol* 2015;39(12):1679-87. PMID: 26379148
9. Oster C, Stein T, **Kitahara S**, Alkan A, Huang Q. Kaposi sarcoma-associated herpesvirus/human herpesvirus 8-associated extracavitary primary effusion lymphoma presenting as multiple lymphomatous polyposis. *Hum Pathol* 2018;79:177-183. PMID:29505765
10. Guzman S, **Kitahara S**. Spindle cell lesion in the bone marrow. *Blood* 2018;132(10):1085. PMID:30190353
11. Vivero A, **Kitahara S** (co-first authors), Runge A, Volod O. Consultative interpretation for lupus anticoagulant by expert pathologist reduces false positive rates in the era of direct oral anticoagulants (DOACs). *J Appl Lab Med* 2020;5(1):73-82. PMID:31811080.

12. Don MD, Lim W, Lo A, Cox B, Huang Q, **Kitahara S**, Lopategui J, Alkan S. Improved recognition of hematogones from precursor B-lymphoblastic leukemia by a single tube flow cytometric analysis. *Am J Clin Pathol* 2020;153(6):790-798. PMID:32068791

Book Chapters

1. Kilpatrick S, Kitahara S. Anemia in pregnancy. In: Creasy RK, Resnik R, editors. *Maternal-Fetal Medicine: Principles and Practice*, Eighth edition, 55, 991-1006. Philadelphia, PA: Elsevier Saunders; 2019.

Publications in preparation

1. Oster C, Kitahara S, Wayne JM, Alkan S. Evaluation of platelet morphology in peripheral blood smear is a simple but very useful tool for prediction of primary myelofibrosis.
2. Yalamanchili R, Kitahara S, Paiement G. Prospective observational trial comparing serum CD64 to standard serum markers for detecting periprosthetic hip, knee infection.

Current research projects

1. Shafi H, Kitahara S, Liou D, Ley E, Margulies D, Tcherniantchouk O. Role of thrombin generation in early trauma induced coagulopathy, as assessed by velocity curve (VCurve) analysis of thromboelastography.
2. Govindavari JP, Kitahara S. Implementation of computer-based algorithm support as an educational tool for integrating ancillary findings in the diagnosis of acute myeloid leukemia.
3. Rosenbloom B, Kitahara S, Klapper E, Koeffler HP. Genotypic mutations, gene and microRNA expression associated with monoclonal gammopathy and multiple myeloma in patients with Gaucher disease.
4. Gratzinger D, Rosenbloom B, Decker R, Don M, Kitahara S. Prospective marrow microenvironment assessment in patients with cytopenias.

Non-peer reviewed publications

1. Kitahara S. Case of the Week (#10295). Myofibroblastoma. www.PathXchange.org
2. Kitahara S. Case of the Week (#10879). Systemic juvenile xanthogranuloma. www.PathXchange.org

Abstracts

1. Kasarjian J, Kawai S, Ryu J. Use of plasmid transformation to find new restriction enzymes. American Society for Microbiology 100th General Meeting, 2000, Los Angeles, CA (Presented)
2. Johnson DA, Kawai S, Cheney CM. Loci that interact with a null allele of rab GDP dissociation inhibitor. National *Drosophila* Meeting, 2001, San Diego, CA (Presented)
3. Kitahara S, Walsh C, Frumovitz M, Malpica A, Silva EG. Vascular “pseudoinvasion” in laparoscopic hysterectomy specimens for endometrial carcinoma: Iatrogenic or grossing artifact? *Mod Pathol* 2008;21:210A. (USCAP)

4. Kling E, Kitahara S, Posligua L, Malpica A, Silva EG. The unusual cellular population of the lamina propria of the normal cervix. *Arch Pathol* 2008;132:1507. (CAP)
5. Kitahara S, Yung A, Alsabeh R. CD20-positive multiple myeloma: A subtype associated with a worse prognostic profile. *Mod Pathol* 2009;22:271A (USCAP).
6. Kitahara S, Chan RC, Nichols WS, Silva EG. Invader HPV test reveals a poorly-recognized deceiving group of cervical HSIL associated with HPV types-not-16/18. *Mod Pathol* 2009;22:220A (USCAP).
7. Kitahara S, Kansal K, Datta V, Hussong, J, Nathwani BN. Blastic plasmacytoid dendritic cell neoplasm in a 10-year-old. 2011 SH/EAHP workshop on Cutaneous Lymphomas and Their Mimics.
8. Wayne JM, Kitahara S, Alkan S. Evaluation of platelet morphology in peripheral blood smear is a simple but very useful tool for prediction of primary myelofibrosis. *Mod Pathol* 2012 (USCAP)
9. Tcherniantchouk O, Kitahara S. Distinct pattern of platelet aggregation abnormality seen in myeloproliferative disorders (MPDs). *Platelets 2012 International Symposium*, Beverly, MA, June 2012.
10. Hayes C, Alkan S, Kitahara S. Mismatch repair protein expression in plasma cell neoplasms. *Arch Pathol* 2012;136:1077. (CAP)
11. Hayes C, Kitahara S, Tcherniantchouk O. Decreased threshold of aggregation to low-dose epinephrine is evidence of “platelet hyperaggregability” in patients with thrombosis. *Thrombosis Research* 2012;130:S181-S182.
12. Schmidt M, Hayes C, Kitahara S. OCT-2 and BOB.1 expression in acute leukemias. *Mod Pathol* 2013 (USCAP).
13. Farahani N, Kitahara S, Tcherniantchouk O. Cost-effective HIT diagnosis: utilizing IgG-specific PF4 assays reduces the number of confirmatory serotonin release assays without missing true HIT. *Congress of the International Society on Thrombosis and Haemostasis*, Amsterdam, Netherlands, July 2013.
14. Farahani N, Kitahara S, Tcherniantchouk O. Prospective comparison of the HIT expert probability (HEP) score versus the Warkentin’s 4T’s score in a quaternary care center. *Congress of the International Society on Thrombosis and Haemostasis*, Amsterdam, Netherlands, July 2013.
15. Shafi H, Liou D, Kitahara SK, Ley E, Salim A, Margulies DR, Tcherniantchouk O. Defining early trauma-induced coagulopathy (ETIC): Is there a role for the clot lifespan analysis model? *Transfusion* 2013;53(S2):193A.
16. Usmani A, Kitahara S, Tcherniantchouk O. Laboratory evaluation of prolonged aPTTs: Does normal-saline (NS) mixing improve assay specificity? *American Society for Clinical Pathology Annual Meeting*, Chicago, IL, September 2013. Finalist in Best Scientific Poster Award competition.
17. Patel S, Huang Q, Alkan S, Kitahara S. S100 is frequently expressed in T-cell prolymphocytic leukemia. *USCAP* 2014.
18. Usmani A, Walts AE, Alkan S, Kitahara S. HHV8-negative primary effusion lymphoma: A series of 17 cases at a single institution. *USCAP* 2014.

19. Lally K, Kabira A, Volod O, Alkan S, Kitahara S. An evaluation of bone marrow biopsy specimen adequacy and its effect on diagnosis at Cedars-Sinai. Graduate Medical Education Patient Safety/Quality Improvement Day 2017.
20. Vivero A, Runge A, Vallone J, Kitahara S, Volod O. Lupus anticoagulant (LA): Choosing the right testing strategy in the era of new oral anticoagulants. AACC 2017.
21. Don MD, Lim WO, Cox BK, Huang Q, Kitahara S, Lopategui JR, Alkan S. Improved recognition of hematogones from precursor B-cell acute lymphoblastic leukemia by a single tube flow cytometric analysis. USCAP 2019.
22. Siref A, Kitahara S. Indolent systemic mastocytosis with plasma cell myeloma. 2019 Society for Hematopathology/European Association for Haematopathology Workshop: Addressing the Challenges of Eosinophilia and Mastocytosis
23. Xu A, Kitahara S. High-grade myeloid disorder with fibrosis, eosinophilia and hypercellularity progressing to acute myeloid leukemia with inv(3). 2019 Society for Hematopathology/European Association for Haematopathology Workshop: Addressing the Challenges of Eosinophilia and Mastocytosis

Research Experiences

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| 2005-2006 | Research Associate, Retrospective study of the incidence of venous thromboembolism in cirrhotics (Independent Study Project); David Kravetz, MD, Department of Medicine, UCSD School of Medicine |
| 2000-2001 | Research Associate, Loci that interact with a null allele of rab GDP dissociation inhibitor; Clarissa Cheney, PhD, Department of Biology, Pomona College |
| 1999-2000 | Research Assistant, Feminism in Murasaki Shikibu's Tale of Genji; Lynne Miyake, PhD, Department of Asian Languages & Literature, Pomona College |
| 1999 | Research Assistant, Use of plasmid transformation to find new restriction enzymes; Junichi Ryu, PhD, Department of Microbiology, Loma Linda University |