




Dita Gratzinger

Associate Professor of Pathology

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Pathology**

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Bio

BIO

Dr. Dita Gratzinger is a hematopathologist who is dedicated to excellent patient care, to educating the hematopathologists of tomorrow, and to improving both by harnessing strengths across institutional and disciplinary lines. Dr. Gratzinger studies the architecture of supporting cells in the microenvironment as well as diagnosis of lymphoma on small volume specimens, and has a special interest in the role of patient-specific factors in manifestation of hematolymphoid disease. She is the founding chair of a multi-institutional consortium, the Cyto-Heme Interinstitutional Collaborative, which brings together hematopathologists, cytopathologists, and oncologists to optimize the benefits of small volume biopsy to lymphoma patients. She also heads the Stanford hematopathology fellowship program and is leading an initiative to empower independence during hematopathology training through entrustable professional activities. Dr. Gratzinger received her B.A. from the University of California at Berkeley, her M.D. and PhD from Yale University, and completed her anatomic pathology residency, surgical pathology fellowship, and hematopathology fellowship at Stanford University.

CLINICAL FOCUS

- Hematopathology
- Anatomic Pathology

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Pathology
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Associate Director, Hematopathology Service, Stanford, (2019- present)
- Program Director, Hematopathology Fellowship, Stanford, (2015- present)

PROFESSIONAL EDUCATION

- Medical Education: Yale School Of Medicine (2003) CT
- Board Certification: Hematopathology, American Board of Pathology (2019)

- Fellowship: Stanford University Pathology Residency (2007) CA
- Residency: Stanford University Pathology Residency (2006) CA
- Residency: Stanford University Pathology Residency (2005) CA
- Fellowship, Stanford University Hospital and Clinic - Anatomic Pathology , Hematopathology (2008)
- Board Certification: Anatomic Pathology, American Board of Pathology (2006)
- MD, Yale University , Medicine (2003)
- PhD, Yale University , Experimental Pathology (2003)
- BA, U. of California, Berkeley , Biochemistry (1996)

LINKS

- Lay introduction to the bone marrow: see Module 3 of Hematology 101: <http://www.iseh.org/page/hematology101>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I have research interests in the interaction of hematolymphoid neoplasia with the microenvironment. For example, I use a combination of immunohistochemistry, immunofluorescence and image analysis techniques to evaluate the mesenchymal stromal cell compartment in myelodysplastic syndrome (pre-leukemic bone marrow failure disorder). I also have interests in lymphoma vasculature and the tropism of lymphoma for specific types of vasculature.

CLINICAL TRIALS

- Development of Radiation Free Whole Body Magnetic Resonance (MR) Imaging Technique for Staging Children With Cancer, Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Hematopathology (Fellowship Program)

Publications

PUBLICATIONS

- **Entrustable Professional Activities in Hematopathology Pathology Fellowship Training: Consensus Design and Proposal.** *Academic pathology*
White, K., Qualtieri, J., Courville, E. L., Beck, R. C., Alobeid, B., Czuchlewski, D. R., Teruya-Feldstein, J., Soma, L. A., Prakash, S., Gratzinger, D.
2021; 8: 2374289521990823
- **Laboratory Workup of Lymphoma in Adults.** *Archives of pathology & laboratory medicine*
Kroft, S. H., Sever, C. E., Bagg, A., Billman, B., Diefenbach, C., Dorfman, D. M., Finn, W. G., Gratzinger, D. A., Gregg, P. A., Leonard, J. P., Smith, S., Souter, L., Weiss, et al
2020
- **Human Aging Alters the Spatial Organization between CD34+ Hematopoietic Cells and Adipocytes in Bone Marrow.** *Stem cell reports*
Aguilar-Navarro, A. G., Meza-León, B. n., Gratzinger, D. n., Juárez-Aguilar, F. G., Chang, Q. n., Ornatsky, O. n., Tsui, H. n., Esquivel-Gómez, R. n., Hernández-Ramírez, A. n., Xie, S. Z., Dick, J. E., Flores-Figueroa, E. n.
2020
- **Role of FNA with core biopsy or cell block in patients with nodular lymphocyte-predominant Hodgkin lymphoma.** *Cancer cytopathology*
Gupta, S. n., Long, S. R., Natkunam, Y. n., Kong, C. S., Gupta, N. K., Gratzinger, D. n.
2020
- **Histology-Independent Signature Distinguishes Kikuchi-Fujimoto Disease/Systemic Lupus Erythematosus-Associated Lymphadenitis From Benign and Malignant Lymphadenopathies.** *American journal of clinical pathology*
Scott, G. D., Kumar, J. n., Oak, J. S., Boyd, S. D., Raess, P. W., Gratzinger, D. A.

2020

- **CD20-Negative Nodular Lymphocyte-Predominant Hodgkin Lymphoma: A 20-Year Consecutive Case Series From a Tertiary Cancer Center.** *Archives of pathology & laboratory medicine*
Menke, J. R., Spinner, M. A., Natkunam, Y. n., Warnke, R. A., Advani, R. H., Gratzinger, D. A.
2020
- **Entrustable Professional Activities for Pathology: Recommendations From the College of American Pathologists Graduate Medical Education Committee.** *Academic pathology*
McCloskey, C. B., Domen, R. E., Conran, R. M., Hoffman, R. D., Post, M. D., Brissette, M. D., Gratzinger, D. A., Raciti, P. M., Cohen, D. A., Roberts, C. A., Rojiani, A. M., Kong, C. S., Peterson, et al
; 4: 2374289517714283
- **Flow Immunophenotyping of Benign Lymph Nodes Sampled by FNA: Representative With Diagnostic Pitfalls.** *Cancer cytopathology*
Scott, G. D., Lau, H. D., Kurzer, J. H., Kong, C. S., Gratzinger, D. A.
2018
- **Development of Professionalism in Graduate Medical Education: A Case-Based Educational Approach From the College of American Pathologists' Graduate Medical Education Committee** *ACADEMIC PATHOLOGY*
Conran, R. M., Powell, S., Domen, R. E., McCloskey, C. B., Brissette, M. D., Cohen, D. A., Dixon, L., George, M., Gratzinger, D. A., Post, M. D., Roberts, C. A., Rojiani, A. M., Timmons, et al
2018; 5: 2374289518773493
- **Immunodeficiency-associated lymphoproliferative disorders: time for reappraisal?** *Blood*
Natkunam, Y. n., Gratzinger, D. n., Chadburn, A. n., Goodlad, J. R., Chan, J. K., Said, J. n., Jaffe, E. S., de Jong, D. n.
2018
- **T- and NK-Cell Lymphomas and Systemic Lymphoproliferative Disorders and the Immunodeficiency Setting 2015 SH/EAHP Workshop Report-Part 4** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Gratzinger, D., De Jong, D., Jaffe, E. S., Chadburn, A., Chan, J. K., Goodlad, J. R., Said, J., Natkunam, Y.
2017; 147 (2): 188-203
- **Primary/Congenital Immunodeficiency 2015 SH/EAHP Workshop Report-Part 5** *AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
Gratzinger, D., Jaffe, E. S., Chadburn, A., Chan, J. K., De Jong, D., Goodlad, J. R., Said, J., Natkunam, Y.
2017; 147 (2): 204-216
- **Immunodeficiency and Dysregulation: Report of the 2015 Workshop of the Society for Hematopathology/European Association for Haematopathology.** *American journal of clinical pathology*
Natkunam, Y. n., Gratzinger, D. n., de Jong, D. n., Chadburn, A. n., Goodlad, J. R., Chan, J. K., Said, J. n., Jaffe, E. S.
2017; 147 (2): 124–28
- **Normative data for flow cytometry immunophenotyping of benign lymph nodes sampled by surgical biopsy.** *Journal of clinical pathology*
Scott, G. D., Atwater, S. K., Gratzinger, D. A.
2017
- **The Recent Pathology Residency Graduate Job Search Experience: A Synthesis of 5 Years of College of American Pathologists Job Market Surveys.** *Archives of pathology & laboratory medicine*
Gratzinger, D. n., Johnson, K. A., Brissette, M. D., Cohen, D. n., Rojiani, A. M., Conran, R. M., Hoffman, R. D., Post, M. D., McCloskey, C. B., Roberts, C. A., Domen, R. E., Talbert, M. L., Powell, et al
2017
- **A replicable CD271+ mesenchymal stromal cell density score: bringing the dysfunctional myelodysplastic syndrome niche to the diagnostic laboratory.** *Leukemia & lymphoma*
Gars, E., Yousry, S. M., Babu, D., Kurzer, J. H., George, T. I., Gratzinger, D.
2016: 1-3
- **Myelodysplastic syndrome macrophages have aberrant iron storage and heme oxygenase-1 expression.** *Leukemia & lymphoma*
Nybakken, G., Gratzinger, D.
2016; 57 (8): 1893-1902
- **A humanized bone marrow ossicle xenotransplantation model enables improved engraftment of healthy and leukemic human hematopoietic cells** *NATURE MEDICINE*

- Reinisch, A., Thomas, D., Corces, M. R., Zhang, X., Gratzinger, D., Hong, W., Schallmoser, K., Strunk, D., Majeti, R.
2016; 22 (7): 812-821
- **Beyond the Niche: Myelodysplastic Syndrome Topobiology in the Laboratory and in the Clinic** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
Flores-Figueroa, E., Gratzinger, D.
2016; 17 (4)
 - **Alkylator-Induced and Patient-Derived Xenograft Mouse Models of Therapy-Related Myeloid Neoplasms Model Clinical Disease and Suggest the Presence of Multiple Cell Subpopulations with Leukemia Stem Cell Activity.** *PLoS one*
Jonas, B. A., Johnson, C., Gratzinger, D., Majeti, R.
2016; 11 (7)
 - **Selective quantitation of microvessel density reveals sinusoidal expansion in myelodysplastic syndromes.** *Leukemia & lymphoma*
Ewalt, M. D., Gratzinger, D. n.
2016: 1–4
 - **Distinctive contact between CD34+ hematopoietic progenitors and CXCL12+ CD271+ mesenchymal stromal cells in benign and myelodysplastic bone marrow** *LABORATORY INVESTIGATION*
Flores-Figueroa, E., Varma, S., Montgomery, K., Greenberg, P. L., Gratzinger, D.
2012; 92 (9): 1330-1341
 - **Positive Job Search Experience for New Pathologists Seeking First Employment Between 2017-2019.** *Archives of pathology & laboratory medicine*
Shyu, I. n., Johnson, K. A., Gratzinger, D. n., Brissette, M. D., Childs, J. M., Dixon, L. R., George, M. R., McCloskey, C. B., Prieto, V. G., Rojiani, A. M., Timmons, C. F., Hoffman, R. D.
2021
 - **The Impact of the COVID-19 Pandemic on the 2019-2020 Job Search for Newly Trained Pathologists.** *Archives of pathology & laboratory medicine*
George, M. R., Johnson, K. A., Childs, J. M., Dixon, L. R., Gratzinger, D. A., Hoffman, R. D., Holloman, A., Karp, J. K., Knollmann-Ritschel, B. E., Lofgreen, A., Prieto, V. G., Timmons, C. F., McCloskey, et al
2020
 - **Laboratory Workup of Lymphoma in Adults.** *American journal of clinical pathology*
Kroft, S. H., Sever, C. E., Bagg, A., Billman, B., Diefenbach, C., Dorfman, D. M., Finn, W. G., Gratzinger, D. A., Gregg, P. A., Leonard, J. P., Smith, S., Souter, L., Weiss, et al
2020
 - **Factors Influencing US Allopathic Medical Students to Choose Pathology as a Specialty** *ACADEMIC PATHOLOGY*
McCloskey, C. B., Johnson, K., Brissette, M., Conran, R., Childs, J., George, M., Gratzinger, D., Prieto, V. G., Rojiani, A. M., Shyu, I., Timmons, C., Hoffman, R.
2020; 7
 - **Myeloid Cell Nuclear Differentiation Antigen (MND1) Positivity in Primary Follicles: Potential Pitfall in the Differential Diagnosis With Marginal Zone Lymphoma** *APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY*
Manohar, V., Peerani, R., Tan, B., Gratzinger, D., Natkunam, Y.
2020; 28 (5): 384–88
 - **Transplant Monitoring and PTLD Detection with B Cell Receptor Repertoire Analysis in a Large Prospective Pediatric Cohort**
Jackson, K., Martinez, O., Krams, S., Robien, M., Lapasaran, M., Armstrong, B., Twist, C., Weinberg, K., Gratzinger, D., Tam, B., Sever, M., Brown, M., Bernstein, et al
WILEY.2020: 321
 - **Factors Influencing US Allopathic Medical Students to Choose Pathology as a Specialty.** *Academic pathology*
McCloskey, C. B., Johnson, K. n., Brissette, M. n., Conran, R. n., Childs, J. n., George, M. n., Gratzinger, D. n., Prieto, V. G., Rojiani, A. M., Shyu, I. n., Timmons, C. n., Hoffman, R. n.
2020; 7: 2374289520951924
 - **Entry of Graduates of US Pathology Residency Programs Into the Workforce: Cohort Data Between 2008 and 2016 Remain Positive and Stable.** *Academic pathology*
Timmons, C. F., Black-Schaffer, W. S., Naritoku, W. Y., Powell, S. Z., Johnson, K. A., Brissette, M. D., Childs, J. M., Conran, R. M., Dixon, L. R., George, M. R., Gratzinger, D. n., McCloskey, C. B., Prieto, et al
2020; 7: 2374289520901833

- **Genetic Subtypes of Systemic Anaplastic Large Cell Lymphoma Show Distinct Differences in PD-L1 Expression and Regulatory and Cytotoxic T Cells in the Tumor Microenvironment.** *Applied immunohistochemistry & molecular morphology : AIMM*
Ferreira, C. R., Manohar, V. n., Zhao, S. n., Bangs, C. D., Cherry, A. n., Azevedo, R. S., Lage, L. A., Pereira, J. n., Zerbini, M. C., Gratzinger, D. n., Natkunam, Y. n.
2020; 28 (1): 10–16
- **Gender Parity in Gainful Employment and Other Gender Trends in the Job Market for Recent Pathology Graduates.** *Archives of pathology & laboratory medicine*
Shyu, I., Johnson, K. A., George, M. R., Gratzinger, D., Brissette, M. D., Childs, J. M., Conran, R. M., Dixon, L. R., McCloskey, C. B., Prieto, V. G., Roberts, C. A., Rojiani, A. M., Timmons, et al
2019
- **Clinicopathologic and microenvironmental analysis of primary cutaneous CD30-positive lymphoproliferative disorders: a 26year experience from an academic medical center in Brazil.** *Diagnostic pathology*
Ferreira, C. R., Zhao, S., Sanches, J. A., Miyashiro, D., Cury-Martins, J., Azevedo, R. S., Zerbini, M. C., Natkunam, Y., Gratzinger, D.
2019; 14 (1): 115
- **Will I Need to Move to Get My First Job?: Geographic Relocation and Other Trends in the Pathology Job Market.** *Archives of pathology & laboratory medicine*
George, M. R., Johnson, K. A., Gratzinger, D. A., Brissette, M. D., McCloskey, C. B., Conran, R. M., Dixon, L. R., Roberts, C. A., Rojiani, A. M., Shyu, I., Timmons, C. F., Hoffman, R. D.
2019
- **Flow Cytometry Signature for Kikuchi-Fujimoto/Lupus Lymphadenitis Derived From 975 Benign and Malignant Lymphadenopathies**
Kumar, J., Scott, G., Oak, J., Raess, P., Gratzinger, D.
OXFORD UNIV PRESS INC.2019: S105–S106
- **Treatment and outcomes in classic Hodgkin lymphoma post-transplant lymphoproliferative disorder in children** *PEDIATRIC BLOOD & CANCER*
Twist, C. J., Hiniker, S. M., Gratzinger, D., Gutkin, P. M., Merriott, D. J., Iagaru, A., Link, M. P., Donaldson, S. S.
2019; 66 (8)
- **Treatment and outcomes in classic Hodgkin lymphoma post-transplant lymphoproliferative disorder in children.** *Pediatric blood & cancer*
Twist, C. J., Hiniker, S. M., Gratzinger, D., Gutkin, P. M., Merriott, D. J., Iagaru, A., Link, M. P., Donaldson, S. S.
2019: e27803
- **CD20-negative nodular lymphocyte-predominant Hodgkin lymphoma is enriched for variant patterns and shows aggressive clinical features**
Menke, J., Spinner, M., Shrestha, B., Advani, R., Natkunam, Y., Gratzinger, D.
NATURE PUBLISHING GROUP.2019
- **Autoimmune Lymphoproliferative Syndrome with Histopathologic Features of Castleman Disease**
Lo, R., Gratzinger, D., Keiser, E., Chang, K., Gernez-Goldhammer, Y.
SPRINGER/PLENUM PUBLISHERS.2019: S103–S104
- **Tumor Formation of Adult Stem Cell Transplants in Rodent Arthritic Joints** *MOLECULAR IMAGING AND BIOLOGY*
Chapelin, F., Khurana, A., Moneeb, M., Hazard, F., Chan, C., Nejadnik, H., Gratzinger, D., Messing, S., Erdmann, J., Gaur, A., Daldrup-Link, H. E.
2019; 21 (1): 95–104
- **Myeloid Cell Nuclear Differentiation Antigen (MND A) Positivity in Primary Follicles: Potential Pitfall in the Differential Diagnosis With Marginal Zone Lymphoma.** *Applied immunohistochemistry & molecular morphology : AIMM*
Manohar, V., Peerani, R., Tan, B., Gratzinger, D., Natkunam, Y.
2019
- **Immunodeficiency-associated lymphoproliferative disorders: time for reappraisal?** *BLOOD*
Natkunam, Y., Gratzinger, D., Chadburn, A., Goodlad, J. R., Chan, J. C., Said, J., Jaffe, E. S., de Jong, D.
2018; 132 (18): 1871–78
- **Bone marrow histomorphological criteria can accurately diagnose hemophagocytic lymphohistiocytosis** *HAEMATOLOGICA*
Gars, E., Purington, N., Scott, G., Chisholm, K., Gratzinger, D., Martin, B. A., Ohgami, R. S.
2018; 103 (10): 1635–41
- **Understanding the tumor microenvironment in the primary cutaneous CD30-positive lymphoproliferative disorders**

Ferreira, C., Miyashiro, D., Sanches Junior, J., Zhao Shuchun, Zerbini, M., Azevedo, R., Natkunam, Y., Gratzinger, D.
ELSEVIER SCI LTD.2018: S1–S2

- **Flow Immunophenotyping of Benign Lymph Nodes Sampled by FNA: Representative With Diagnostic Pitfalls** *CANCER CYTOPATHOLOGY*
Scott, G. D., Lau, H. D., Kurzer, J. H., Kong, C. S., Gratzinger, D. A.
2018; 126 (9): 797–808
- **Magnetic Resonance Imaging of Tumor-Associated Macrophages: Clinical Translation** *CLINICAL CANCER RESEARCH*
Aghighi, M., Theruvath, A. J., Pareek, A., Pisani, L. L., Alford, R., Muehe, A. M., Sethi, T. K., Holdsworth, S. J., Hazard, F. K., Gratzinger, D., Luna-Fineman, S., Advani, R., Spunt, et al
2018; 24 (17): 4110–18
- **Orbital and chorioretinal manifestations of Erdheim-Chester disease treated with vemurafenib.** *American journal of ophthalmology case reports*
Huang, L. C., Topping, K. L., Gratzinger, D., Brown, R. A., Martin, B. A., Silva, R. A., Kossler, A. L.
2018; 11: 158–63
- **Prospective Analysis of EBV plus PTLD in a Multi-Center Study of Pediatric Transplant Recipients**
Martinez, O. M., Krams, S. M., Lapasaran, M., Boyd, S. D., Bernstein, D., Twist, C., Weinberg, K., Gratzinger, D., Tan, B., Armstrong, B., Ikle, D., Brown, M., Robien, et al
LIPPINCOTT WILLIAMS & WILKINS.2018: S319
- **Prospective Analysis of EBV plus PTLD Incidence in Pediatric Transplant Recipients in the Modern Era.**
Martinez, O., Krams, S., Lapasaran, M., Boyd, S., Bernstein, D., Twist, C., Weinberg, K., Gratzinger, D., Tan, B., Armstrong, B., Ikle, D., Brown, M., Robien, et al
WILEY.2018: 352–53
- **Comparison of MYC Fluorescent In Situ Hybridization Testing of Diffuse Large B-cell Lymphomas in Fine Needle Aspiration and Surgical Specimens**
Menke, J., Gupta, S., Bangs, C. D., Kong, C., Natkunam, Y., Long, S., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 162
- **Nodular Lymphocyte Predominant Hodgkin Lymphoma: Cytopathologic and Immunophenotypic Correlation and Diagnostic Pitfalls**
Gupta, S., Natkunam, Y., Long, S., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 146
- **Comparison of MYC Fluorescent In Situ Hybridization Testing of Diffuse Large B-cell Lymphomas in Fine Needle Aspiration and Surgical Specimens**
Menke, J., Gupta, S., Bangs, C. D., Kong, C., Natkunam, Y., Long, S., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 162
- **Large-scale flow immunophenotyping of benign lymph nodes sampled by fine needle aspiration: representative specimens with diagnostic pitfalls**
Scott, G. D., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 173
- **Immunophenotype signatures for Kikuchi's Disease, Castleman's Disease, and Angiomyomatous Hamartoma: rare diseases drawn out of large-scale normative data using an informatics approach**
Scott, G. D., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 550
- **Large-scale flow immunophenotyping of benign lymph nodes sampled by fine needle aspiration: representative specimens with diagnostic pitfalls**
Scott, G. D., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 173
- **Immunophenotype signatures for Kikuchi's Disease, Castleman's Disease, and Angiomyomatous Hamartoma: rare diseases drawn out of large-scale normative data using an informatics approach**
Scott, G. D., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 550
- **Nodular Lymphocyte Predominant Hodgkin Lymphoma: Cytopathologic and Immunophenotypic Correlation and Diagnostic Pitfalls**
Gupta, S., Natkunam, Y., Long, S., Gratzinger, D.
NATURE PUBLISHING GROUP.2018: 146
- **Nodal Involvement by CD30+ Cutaneous Lymphoproliferative Disorders and Its Challenging Differentiation From Classical Hodgkin Lymphoma.** *Archives of pathology & laboratory medicine*

- Lezama, L. S., Gratzinger, D. n.
2018; 142 (1): 139–42
- **Defining Normal: Flow Cytometry Immunophenotyping of Benign Lymph Nodes Sampled by Fine Needle Aspiration or Surgical Biopsy**
Scott, G., Gratzinger, D.
OXFORD UNIV PRESS INC.2018: S85
 - **Tumor Formation of Adult Stem Cell Transplants in Rodent Arthritic Joints.** *Molecular imaging and biology : MIB : the official publication of the Academy of Molecular Imaging*
Chapelin, F. n., Khurana, A. n., Moneeb, M. n., Gray Hazard, F. K., Chan, C. F., Nejadnik, H. n., Gratzinger, D. n., Messing, S. n., Erdmann, J. n., Gaur, A. n., Daldrup-Link, H. E.
2018
 - **Magnetic Resonance Imaging of Tumor Associated Macrophages: Clinical Translation.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Aghighi, M. n., Theruvath, A. J., Pareek, A. n., Pisani, L. n., Alford, R. n., Muehe, A. M., Sethi, T. K., Holdsworth, S. J., Hazard, F. K., Gratzinger, D. n., Luna-Fineman, S. n., Advani, R. H., Spunt, et al
2018
 - **Bone marrow histomorphologic criteria can accurately diagnose hemophagocytic lymphohistiocytosis.** *Haematologica*
Gars, E. n., Purington, N. n., Scott, G. n., Chisholm, K. n., Gratzinger, D. n., Martin, B. A., Ohgami, R. S.
2018
 - **Clinical Impact of the 2016 Update to the WHO Lymphoma Classification (vol 18, 45, 2017) CURRENT TREATMENT OPTIONS IN ONCOLOGY**
Lynch, R. C., Gratzinger, D., Advani, R. H.
2017; 18 (10): 60
 - **KB004, a first in class monoclonal antibody targeting the receptor tyrosine kinase EphA3, in patients with advanced hematologic malignancies: Results from a phase 1 study (vol 50, pg 123, 2016) LEUKEMIA RESEARCH**
Swords, R. T., Greenberg, P. L., Wei, A. H., Durrant, S., Advani, A. S., Hertzberg, M. S., Lewis, I. D., Rivera, G., Gratzinger, D., Fan, A. C., Felsher, D. W., Cortes, J. E., Watts, et al
2017; 59: 65
 - **B-Cell and Classical Hodgkin Lymphomas Associated With Immunodeficiency 2015 SH/EAHP Workshop Report-Part 2 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
De Jong, D., Roemer, M. G., Chan, J. K., Goodlad, J., Gratzinger, D., Chadburn, A., Jaffe, E. S., Said, J., Natkunam, Y.
2017; 147 (2): 153-170
 - **EBV-Positive B-Cell Proliferations of Varied Malignant Potential 2015 SH/EAHP Workshop Report-Part 1 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
Natkunam, Y., Goodlad, J. R., Chadburn, A., de Jong, D., Gratzinger, D., Chan, J. C., Said, J., Jaffe, E. S.
2017; 147 (2): 129–52
 - **HHV8/KSHV-Positive Lymphoproliferative Disorders and the Spectrum of Plasmablastic and Plasma Cell Neoplasms 2015 SH/EAHP Workshop Report-Part 3 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
Chadburn, A., Said, J., Gratzinger, D., Chan, J. C., de Jong, D., Jaffe, E. S., Natkunam, Y., Goodlad, J. R.
2017; 147 (2): 171–87
 - **B-Cell and Classical Hodgkin Lymphomas Associated With Immunodeficiency 2015 SH/EAHP Workshop Report-Part 2 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
de Jong, D., Roemer, M. M., Chan, J. C., Goodlad, J., Gratzinger, D., Chadburn, A., Jaffe, E. S., Said, J., Natkunam, Y.
2017; 147 (2): 153–70
 - **Primary/Congenital Immunodeficiency 2015 SH/EAHP Workshop Report-Part 5 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
Gratzinger, D., Jaffe, E. S., Chadburn, A., Chan, J. C., de Jong, D., Goodlad, J. R., Said, J., Natkunam, Y.
2017; 147 (2): 204–16
 - **T- and NK-Cell Lymphomas and Systemic Lymphoproliferative Disorders and the Immunodeficiency Setting 2015 SH/EAHP Workshop Report-Part 4 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
Gratzinger, D., de Jong, D., Jaffe, E. S., Chadburn, A., Chan, J. C., Goodlad, J. R., Said, J., Natkunam, Y.
2017; 147 (2): 188–203

- **Combined Fine Needle Aspiration Cytology and Flow Cytometric Immunophenotyping Is an Effective Method for Diagnosis of Hematolymphoid Disease**
Lau, H., Wu, S., Long, S., Gratzinger, D.
NATURE PUBLISHING GROUP.2017: 103A
- **Combined Fine Needle Aspiration Cytology and Flow Cytometric Immunophenotyping Is an Effective Method for Diagnosis of Hematolymphoid Disease**
Lau, H., Wu, S., Long, S., Gratzinger, D.
NATURE PUBLISHING GROUP.2017: 103A
- **EBV-Positive B-Cell Proliferations of Varied Malignant Potential 2015 SH/EAHP Workshop Report-Part 1 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
Natkunam, Y., Goodlad, J. R., Chadburn, A., De Jong, D., Gratzinger, D., Chan, J. K., Said, J., Jaffe, E. S.
2017; 147 (2): 129-152
- **HHV8/KSHV-Positive Lymphoproliferative Disorders and the Spectrum of Plasmablastic and Plasma Cell Neoplasms 2015 SH/EAHP Workshop Report-Part 3 AMERICAN JOURNAL OF CLINICAL PATHOLOGY**
Md, A. C., Said, J., Gratzinger, D., Chan, J. K., De Jong, D., Jaffe, E. S., Natkunam, Y., Goodlad, J. R.
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