Stanford



Dita Gratzinger

Professor of Pathology

CLINICAL OFFICE (PRIMARY)

- **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, including immunodeficiency and dysregulation-related lymphoid proliferations. 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 service. 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 and Clinical Pathology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Pathology
- Member, Bio-X
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Hematopathology Service, Stanford, (2020- present)
- Associate Director, Hematopathology Service, Stanford, (2019-2020)
- Program Director, Hematopathology Fellowship, Stanford, (2015-2021)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Hematopathology Fellowship (2007) CA
- Medical Education: Yale School Of Medicine (2003) CT
- Board Certification: Hematopathology, American Board of Pathology (2019)
- Residency: Stanford University Pathology Residency (2006) 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 normal and neoplastic hematolymphoid cells with the bone marrow. lymph node and spleen microenvironment and the interactions of these compartments with immune perturbation and dysregulation.

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Hematopathology (Fellowship Program)

Publications

PUBLICATIONS

- **Clinicopathologic and Molecular Characteristics of Merkel Cell Polyomavirus Positive T-Cell Lymphoproliferative Disorders.** *The American journal of surgical pathology*
  Bulterys, P., Zhou, C. W., Gong, S., Gars, E., Zhang, J., Younes, S., Stone, A., Hirt, C., Marks, L., Su, C., Stehr, H., Lawrence, L., Tan, et al
  2026; 50 (5): 481-500
- **Clinicopathologic and Molecular Characteristics of Merkel Cell Polyomavirus Positive T-cell Lymphoproliferative Disorders**
  Bulterys, P., Zhou, C., Gong, S., Gars, E., Zhang, J., Younes, S., Stone, A., Hirt, C., Marks, L., Su, C., Stehr, H., Lawrence, L., Tan, et al
  ELSEVIER SCIENCE INC.2026
- **Abnormal immunoglobulin expression and B-cell follicle organization in inborn errors of immunity/primary immunodeficiency.** *Virchows Archiv : an international journal of pathology*
  Naor, S., Schiby, G., Adam, E., Somech, R., Molchanov, Y., Barshack, I., Lewis, D. B., Marks, L., Gratzinger, D.
  2025
- **Real time machine learning prediction of next generation sequencing test results in live clinical settings.** *NPJ digital medicine*
  Kim, G. Y., Schwede, M., Corbin, C. K., Fouladvand, S., Brar, R., Iberri, D., Shomali, W., Oak, J. S., Gratzinger, D., Stehr, H., Chen, J. H.
  2025; 8 (1): 533
- **A molecular cell atlas of mouse lemur, an emerging model primate.** *Nature*
  Ezran, C., Liu, S., Chang, S., Ming, J., Botvinnik, O., Penland, L., Tarashansky, A., de Morree, A., Travaglini, K. J., Zhao, J., Wang, G., Hasegawa, K., Sin, et al
  2025

- **Mouse lemur cell atlas informs primate genes, physiology and disease.** *Nature*
  Ezran, C., Liu, S., Chang, S., Ming, J., Guethlein, L. A., Wang, M. F., Dehghannasiri, R., Olivieri, J., Frank, H. K., Tarashansky, A., Koh, W., Jing, Q., Botvinnik, et al
  2025

- **Contribution of Rapid On-Site Evaluation for Lymphoma Diagnosis in Head and Neck Lymph Node Fine Needle Aspiration Biopsies: A Multi-Institutional Report**
  Trabzonlu, L., Loneman, D., Yuen, L., Ghorab, Z., Gratzinger, D., Zhou, C., Obiorah, I., Su, C., Zadeh, S., Aldhuhoori, M., Khorsandi, N., Santoscoy-Valencia, R., Ruiz-Cordero, et al
  ELSEVIER SCIENCE INC.2025: 72-+

- **Dedicated diagnostic approaches for mature B-cell non-Hodgkin lymphomas occurring in children, adolescents, and young adults.** *Histopathology*
  Xavier, A. C., Attarbaschi, A., Gratzinger, D., Balagué, O.
  2024

- **Deep Learning the Cis-Regulatory Code of Epigenomic Rewiring By Fusion Transcription Factors in Pediatric Leukemia**
  Mani, S., Grubert, F., Gratzinger, D., Kundaje, A., Kasowski, M.
  ELSEVIER.2024: 4993

- **The Post-transplant Lymphoproliferative Disorders-Metagenomic Shotgun Microbial Sequencing (PTLD-MSMS) Study Methods and Protocol.** *Transplantation direct*
  Dharnidharka, V. R., Wylie, K. M., Wylie, T. N., Ruzinova, M. B., Goss, C. W., Storch, G. A., Mehta-Shah, N., Byers, D., Walther, L., Jaza, L., Gu, H., Agarwal, M., Green, et al
  2024; 10 (11): e1723

- **A pathologist-AI collaboration framework for enhancing diagnostic accuracies and efficiencies.** *Nature biomedical engineering*
  Huang, Z., Yang, E., Shen, J., Gratzinger, D., Eyerer, F., Liang, B., Nirschl, J., Bingham, D., Dussaq, A. M., Kunder, C., Rojansky, R., Gilbert, A., Chang-Graham, et al
  2024

- **Risk of Second Tumors and T-Cell Lymphoma after CAR T-Cell Therapy.** *The New England journal of medicine*
  Hamilton, M. P., Sugio, T., Noordenbos, T., Shi, S., Bulterys, P. L., Liu, C. L., Kang, X., Olsen, M. N., Good, Z., Dahiya, S., Frank, M. J., Sahaf, B., Mackall, et al
  2024; 390 (22): 2047-2060

- **Performance of MYC, BCL2, and BCL6 break-apart FISH in small biopsies with large B-cell lymphoma: a retrospective Cytopathology Hematopathology Interinstitutional Consortium study.** *Frontiers in oncology*
  Menke, J. R., Aypar, U., Bangs, C. D., Cook, S. L., Gupta, S., Hasserjian, R. P., Kong, C. S., Lin, O., Long, S. R., Ly, A., Menke, J. A., Natkunam, Y., Ruiz-Cordero, et al
  2024; 14: 1408238

- **Epstein-Barr virus-associated post-transplant lymphoproliferative disorders in pediatric transplantation: A prospective multicenter study in the United States.** *Pediatric transplantation*
  Tajima, T., Martinez, O. M., Bernstein, D., Boyd, S. D., Gratzinger, D., Lum, G., Sasaki, K., Tan, B., Twist, C. J., Weinberg, K., Armstrong, B., Desai, D. M., Mazariegos, et al
  2024; 28 (4): e14763

- **What is new in the 5th edition of the World Health Organization classification of mature B and T/NK cell tumors and stromal neoplasms?** *Journal of hematopathology*
  Attygalle, A. D., Chan, J. K., Coupland, S. E., Du, M. Q., Ferry, J. A., de Jong, D., Gratzinger, D., Lim, M. S., Nicolae, A., Ott, G., Rosenwald, A., Schuh, A., Siebert, et al
  2024

- **p53 immunohistochemistry as an ancillary tool for rapid assessment of residual disease in TP53-mutated acute myeloid leukemia and myelodysplastic syndromes.** *American journal of clinical pathology*
  Brar, N., Lawrence, L., Fung, E., Zehnder, J. L., Greenberg, P. L., Mannis, G. N., Zhang, T. Y., Gratzinger, D., Oak, J., Silva, O., Kurzer, J., Tan, B., Menke, et al
  2024

- **An organism-wide atlas of hormonal signaling based on the mouse lemur single-cell transcriptome.** *Nature communications*

Liu, S., Ezran, C., Wang, M. F., Li, Z., Awayan, K., Long, J. Z., De Vlaminck, I., Wang, S., Epelbaum, J., Kuo, C. S., Terrien, J., Krasnow, M. A., Ferrell, et al

2024; 15 (1): 2188

- **The 5th edition of the World Health Organization Classification of mature lymphoid and stromal tumors - an overview and update.** *Leukemia & lymphoma*

  Attygalle, A. D., Chan, J. K., Coupland, S. E., Du, M. Q., Ferry, J. A., Jong, D. d., Gratzinger, D., Lim, M. S., Naresh, K. N., Nicolae, A., Ott, G., Rosenwald, A., Schuh, et al

  2024: 1-17

- **A personalized approach to lymphoproliferations in patients with inborn errors of immunity.** *Seminars in diagnostic pathology*

  Naor, S., Adam, E., Schiby, G., Gratzinger, D.

  2023

- **Identification and confirmation via in situ hybridization of Merkel cell polyomavirus in rare cases of posttransplant cutaneous T-cell lymphoma.** *Journal of cutaneous pathology*

  Lawrence, L., Wang, A., Charville, G., Liu, C. L., Garofalo, A., Alizadeh, A., Jangam, D., Pinsky, B. A., Sahoo, M., Gratzinger, D., Khodadoust, M., Kim, Y., Novoa, et al

  2023

- **Small volume biopsy diagnostic yield at initial diagnosis versus recurrence/transformation of follicular lymphoma: Aretrospective Cyto-Heme Interinstitutional Collaborative study.** *Cancer cytopathology*

  Fitzpatrick, M. J., Sundaram, V., Ly, A., Abramson, J. S., Balassanian, R., Cheung, M. C., Cook, S. L., Falchi, L., Frank, A. K., Gupta, S., Hasserjian, R. P., Lin, O., Long, et al

  2022

- **Diagnostic Discrepancies in Small-volume Biopsy for the Initial Diagnosis, Recurrence, and Transformation of Follicular Lymphoma: A Multi-Institutional Collaborative Study.** *The American journal of surgical pathology*

  Volaric, A. K., Lin, O., Balassanian, R., Cook, S., Falchi, L., Fitzpatrick, M. J., Frank, A. K., Gupta, S., Hasserjian, R. P., Long, S., Ly, A., Menke, J. R., Mou, et al

  2022

- **Systemic Presentation of Somatic TET2 Mutated B-Cell Lymphoma in a Child With Kabuki Syndrome and a Germline KMT2D Variant.** *American journal of clinical pathology*

  Kumar, J., Alspach, A. E., Zucker, J. P., Gratzinger, D.

  2022

- **The 5th edition of the World Health Organization Classification of Haematolymphoid Tumours: Lymphoid Neoplasms.** *Leukemia*

  Alaggio, R., Amador, C., Anagnostopoulos, I., Attygalle, A. D., Araujo, I. B., Berti, E., Bhagat, G., Borges, A. M., Boyer, D., Calaminici, M., Chadburn, A., Chan, J. K., Cheuk, et al

  2022

- **Diagnostic Impact of Next-Generation Sequencing Panels for Lymphoproliferative Neoplasms on Small-Volume Biopsies.** *American journal of clinical pathology*

  Fei, F., Natkunam, Y., Zehnder, J. L., Stehr, H., Gratzinger, D.

  2022

- **Global Cytopathology-Hematopathology Practice Trends.** *American journal of clinical pathology*

  Zadeh, S. L., Balassanian, R., Cheung, M. C., Falchi, L., Hasserjian, R., Lin, O., Long, S. R., Menke, J. R., Mou, E., Natkunam, Y., Ruiz-Cordero, R., Volaric, A. K., Wang, et al

  2021

- **Impact of initial biopsy type on the time to final diagnostic biopsy in patients with follicular lymphoma and suspected histologic transformation.** *Leukemia & lymphoma*

  Mou, E., Falchi, L., Sundaram, V., Abramson, J. S., Balassanian, R., Beygi, S., Fitzpatrick, M. J., Frank, A. K., Gupta, S., Lin, O., Long, S. R., Menke, J. R., Reed, et al

  2021: 1-9

- **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

- **Histiocytic Neoplasms, Version 2.2021, NCCN Clinical Practice Guidelines in Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Go, R. S., Jacobsen, E., Baiocchi, R., Buhtoiarov, I., Butler, E. B., Campbell, P. K., Coulter, D. W., Diamond, E., Flagg, A., Goodman, A. M., Goyal, G., Gratzinger, D., Hendrie, et al
  2021; 19 (11): 1277-1303

- **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

- **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
- **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
- **Optimizing Genomic Profiling of Hematologic Malignancies: Insights from a 7-Year Clinical Cohort**
  Nithagon, P., Jangam, D., Mak, A., Stehr, H., Gratzinger, D., Shomali, W., Alizadeh, A., Dong, F., Rojansky, R.
  ELSEVIER SCIENCE INC.2026: S107
- **Improving Intraocular Biopsy Processing Protocols to Enhance Pathology Evaluation of Ocular Diseases**
  Galang, C., Frauches, R., Nicholas, V., Gratzinger, D., Kong, C., Lin, J.
  ELSEVIER SCIENCE INC.2026
- **Diagnosis and Prognostic Evaluation of Mantle Cell Lymphoma in Cytology Specimens**
  Chen, M., Ghorab, Z., Goswami, R., Gratzinger, D., Lin, O., Long, S., Ly, A., Obiorah, I., Peerani, R., Santoscoy-Valencia, R., Ruiz-Cordero, R., Ye, J., Zadeh, et al
  ELSEVIER SCIENCE INC.2026
- **Global Utilization of The National Comprehensive Cancer Network Clinical Practice Guidelines for Histiocytic Neoplasms**
  Janda, G., Jacobsen, E., Baiocchi, R., Buhtoiarov, I., Butler, E., Campbell, P. K., Diamond, E., Drazer, M., Dwyre, D., Flagg, A., Fournier, D., Goodman, A., Goyal, et al

WILEY.2025

- **Cytopathology and Hematopathology Review of Head and Neck Biopsy Specimens with a Diagnosis of Lymphoma**
  Khorsandi, N., Aldhuhoori, M., Ghorab, Z., Goswami, R., Gratzinger, D., Ly, A., Obiorah, I., Peerani, R., Ruiz-Cordero, R., Valencia, R., Trabzonlu, L., Su, C., Wu, et al
  ELSEVIER SCIENCE INC.2025

- **National pilot of entrustable professional activities in pathology residency training.** *Academic pathology*
  Bryant, B. H., Anderson, S. R., Brissette, M., Childs, J. M., Gratzinger, D., Johnson, K., Powell, D. E., Zein-Eldin Powell, S., Timmons, C. F., Chute, D., Cummings, T. J., Furlong, M. A., Hébert, et al
  2024; 11 (2): 100110

- **Leveraging faculty development to support validation of entrustable professional activities assessment tools in anatomic and clinical pathology training.** *Academic pathology*
  Bryant, B. H., Anderson, S. R., Brissette, M., Childs, J. M., Gratzinger, D., Johnson, K., Powell, D. E., Zein-Eldin Powell, S., Timmons, C. F., McCloskey, C. B.
  2024; 11 (2): 100111

- **Multi-institutional Comparison of CSF Processing Standard Operating Procedures in Suspected Lymphoproliferative Disorders Involving the CNS**
  Teich, T., Usta, S., Shim, J., Menke, J., Gratzinger, D., Balassanian, R., Wang, L., Long, S., Cook, S., Ly, A., Lin, O., Gao, Q., Zadeh, et al
  ELSEVIER SCIENCE INC.2024: S2033-S2036

- **311.2: Risk factors for Epstein-Barr virus DNAemia in pediatric transplantation: A multicenter study in the United States.** *Transplantation*
  Tajima, T., Bernstein, D., Boyd, S. D., Gratzinger, D., Lum, G., Sasaki, K., Tan, B., Weinberg, K., Armstrong, B., Brown, M., Chin, C., Desai, D., Fishbein, et al
  2023; 107 (10S1): 71-72

- **Impact of Induction Therapy on Rejection in Pediatric Transplantation: A Multicenter Study in the United States**
  Tajima, T., Gallo, A., Bernstein, D., Bonham, C., Boyd, S., Gratzinger, D., Krams, S. M., Lum, G., Sasaki, K., Tan, B., Weinberg, K., Armstrong, B., Brown, et al
  ELSEVIER SCIENCE INC.2023: S1015

- **End of Treatment Positron Emission Tomography Response and Outcomes in Post-Transplant Lymphoproliferative Disorder (PTLD)**
  Marks, L., Green, M., Gratzinger, D., Agarwal, M., Goss, C., Dharnidharka, V., PTLD-MSMS Grp
  ELSEVIER SCIENCE INC.2023: S940

- **Epstein-Barr Virus-Associated Post-Transplant Lymphoproliferative Disorders in Pediatric Transplantation: A Prospective Multicenter Study in the United States**
  Tajima, T., Bernstein, D., Boyd, S., Gratzinger, D., Lum, G., Sasaki, K., Tan, B., Twist, C., Weinberg, K., Robien, M., Brown, M., Armstrong, B., Desai, et al
  ELSEVIER SCIENCE INC.2023: S590

- **Comparison of two immunohistochemical staining protocols for ALK demonstrates non-inferiority of a 5A4 clone-based protocol versus an ALK01 clone-based protocol for the diagnosis of ALK + anaplastic large cell lymphoma.** *Journal of hematopathology*
  Fernandez-Pol, S., Ferreira, C. R., Manohar, V., Sanches, J. A., Lage, L. A., Pereira, J., Zerbini, M. C., Gratzinger, D., Natkunam, Y.
  2023; 16 (1): 1-5

- **Epstein-Barr virus-associated post-transplant lymphoproliferative disorders in pediatric transplantation: A prospective multicenter study in the United States**
  Tajima, T., Bernstein, D., Boyd, S. D., Gratzinger, D., Lum, G., Sasaki, K., Tan, B., Twist, C. J., Weinberg, K., Robien, M. A., Brown, M., Armstrong, B., Desai, et al
  WILEY.2023

- **Mutations In Latent Membrane Protein 1 of Epstein-Barr Virus are Associated with Increased Risk for Post-Transplant Lymphoproliferative Disorder in Children.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
  Martinez, O. M., Krams, S. M., Robien, M. A., Lapasaran, M. G., Arvedson, M. P., Reitsma, A., Balachandran, Y., Harris-Arnold, A., Weinberg, K., Boyd, S. D., Armstrong, B., Trickey, A., Twist, et al
  2023

- **Comparison of two immunohistochemical staining protocols for ALK demonstrates non-inferiority of a 5A4 clone-based protocol versus an ALK01 clone-based protocol for the diagnosis of ALK plus anaplastic large cell lymphoma** *JOURNAL OF HEMATOPATHOLOGY*
  Fernandez-Pol, S., Ferreira, C. R., Manohar, V., Sanches, J., Lage, L. C., Pereira, J., Zerbini, M. C. N., Gratzinger, D., Natkunam, Y.
  2023
- **End of Treatment Positron Emission Tomography Response and Outcomes in Post-Transplant Lymphoproliferative Disorder**
  Marks, L. J., Green, M., Agarwal, M., Goss, C., Storch, G., Gratzinger, D., Dharnidharka, V.
  AMER SOC HEMATOLOGY.2022: 9559-9560
- **TREATMENT OF POST-TRANSPLANT LYMPHOPROLIFERATIVE DISORDER (PTLD): A MULTI-CENTER PEDIATRIC SERIES**
  Marks, L., Green, M., Storch, G., Gratzinger, D., Gu, H., Goss, C., Dharnidharka, V.
  WILEY.2022
- **Trichodysplasia Spinulosa Polyomavirus Endothelial Infection, California, USA.** *Emerging infectious diseases*
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