



Yasodha Natkunam, M.D., Ph.D

Ronald F. Dorfman, MBBch, FRCPath Professor of Hematopathology
Pathology

CLINICAL OFFICE (PRIMARY)

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ACADEMIC CONTACT INFORMATION

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Bio

BIO

Dr. Natkunam is an expert in the diagnosis of hematopoietic tumors including lymphoma and leukemia and has 20-years of experience in the hematopathology diagnostic services of Stanford Health and Stanford Children's Health. Her research focuses on refining the diagnosis and prognosis of patients with hematopoietic tumors and has furnished novel reagents, diagnostic criteria and guidelines for clinical practice. She currently serves on a number of editorial boards, expert panels and professional societies in her field.

CLINICAL FOCUS

- Hematopathology
- Pathology and Laboratory Medicine
- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Pathology
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Co-Director, Immunodiagnosis Laboratory, Stanford, (2005- present)
- Director of Faculty Development and Diversity, Stanford, (2009-2018)
- Director of Hematopathology, Stanford, (2009-2020)

HONORS AND AWARDS

- Undergraduate Research Award, Charles A. Dana Foundation (1986)
- Medical Scientist Training Program, Mount Sinai School of Medicine, New York (1987-1995)
- Weill Memorial Fellow in Cancer Research, Mount Sinai School of Medicine, New York (1993)

- Shalit Fellow at John Radcliffe Hospital, Oxford, UK, Leukemia Research Fund, UK (2006)
- International Cancer Technology Transfer Award, International Cancer Control, Switzerland (2010)
- Faculty Teaching Award, Department of Pathology, Stanford (2016)
- Faculty Teaching Award, Department of Pathology, Stanford (2017)
- Ronald F. Dorfman, MBBS, FRCPath Professor in Hematopathology, Stanford University School of Medicine (2018)
- Faculty Teaching Award, Department of Pathology, Stanford (2019)
- Faculty Teaching Award, Department of Pathology, Stanford (2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Section Editor, Laboratory Investigation (2007 - 2009)
- Editorial Board, International Journal of Clinical and Experimental Pathology (2007 - 2016)
- Editorial Board, Applied Immunohistochemistry and Molecular Morphology (2008 - 2016)
- Editorial Board, Human Pathology (2008 - present)
- Lymphoma Working Group, Eastern Cooperative Oncology Group (2010 - present)
- Chair, Education Committee, Society for Hematopathology (2011 - 2013)
- Editorial Board, American Journal of Surgical pathology (2011 - present)
- Member, Lunenberg Lymphoma Biomarker Consortium (2012 - present)
- Chair, Workshop on Immunodeficiency and Dysregulation, Society for Hematopathology (2015 - 2015)
- Advisory Council, International Medical Health Organization (2017 - 2021)
- Executive Committee, Society for Hematopathology (2017 - 2021)
- International Affairs Committee, Society for Hematopathology (2020 - present)
- Board of Directors, International Medical Health Organization (2021 - present)
- Executive Committee, Global nLPHL One Working Group (2022 - present)

PROFESSIONAL EDUCATION

- Medical Education: Icahn School of Medicine at Mount Sinai Department of Surgery-Division of General Surgery (1995) NY
- Residency: Stanford University Pathology Residency (1999) CA
- AB, Bryn Mawr College , Biology (1987)
- PhD, Mount Sinai School of Medicine , Molecular Biology (1993)
- MD, Mount Sinai School of Medicine , Medical School (1995)
- Board Certification: Anatomic Pathology, American Board of Pathology (1998)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My laboratory studies the tissue expression pattern of proteins that are of potential interest for the diagnosis, prognostic stratification and therapy of patients with lymphoma and leukemia. We are currently investigating prognostic markers in diffuse large B-cell lymphoma such that risk groups can be better defined. We are also interested in the immunodiagnostic and molecular characterization of rare and aggressive hematopoietic tumors such as Natural Killer/T-cell lymphomas, histiocytic malignancies and childhood lymphomas in addition to immunodeficiency-associated lymphoproliferative disorders.

CLINICAL TRIALS

- Genome, Proteome and Tissue Microarray in Childhood Acute Leukemia, Not Recruiting

- Phase 2 Fludarabine, Cytosan and FCCAM <Alemtuzumab> in Untreated B-Cell Chronic Lymphocytic Leukemia, Not Recruiting
- Phase 2 Study of Atorvastatin Safety and Antitumor Effects in Non-Hodgkin's Lymphoma, Not Recruiting
- Phase I Intratumoral Dendritic Cell Immunotherapy in Thermally Ablated Liver Metastases, Not Recruiting
- Phase I/II Intratumoral DC Immunotherapy With Gemcitabine & XRT in Unresectable Pancreatic Cancer, Not Recruiting

Publications

PUBLICATIONS

- **5th Edition of the World Health Classification of Tumors of the Hematopoietic and Lymphoid Tissues: B-cell Neoplasms.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Medeiros, L. J., Chadburn, A., Natkunam, Y., Naresh, K. N.
2024: 100441
- **TIGIT is Frequently Expressed in the Tumor Microenvironment of Select Lymphomas: Implications for Targeted Therapy.** *The American journal of surgical pathology*
Libert, D., Zhao, S., Younes, S., Mosquera, A. P., Bharadwaj, S., Ferreira, C., Natkunam, Y.
2023
- **Detection of Aberrant CD58 Expression in a Wide Spectrum of Lymphoma Subtypes: Implications for Treatment Resistance.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Younes, S., Zhao, S., Bharadwaj, S., Mosquera, A. P., Libert, D., Johnsrud, A., Majzner, R. G., Miklos, D. B., Frank, M. J., Natkunam, Y.
2023: 100256
- **Tracing founder mutations in circulating and tissue-resident follicular lymphoma precursors.** *Cancer discovery*
Schroers-Martin, J. G., Soo, J., Brisou, G., Scherer, F., Kurtz, D. M., Sworder, B. J., Khodadoust, M. S., Jin, M. C., Bru, A., Liu, C. L., Stehr, H., Vineis, P., Natkunam, et al
2023
- **Lack of Reproducibility of Histopathological Features in MYC-rearranged Large B-cell Lymphoma Using Digital Whole Slide Images: A Study from the Lunenburg Lymphoma Biomarker Consortium.** *Histopathology*
Natkunam, Y., de Jong, D., Farinha, P., Gaulard, P., Klapper, W., Rosenwald, A., Sander, B., Tooze, R., Advani, R., Burton, C., Gribben, J. G., Kersten, M. J., Kimby, et al
2023
- **Determinants of resistance to engineered T cell therapies targeting CD19 in large B cell lymphomas.** *Cancer cell*
Sworder, B. J., Kurtz, D. M., Alig, S. K., Frank, M. J., Shukla, N., Garofalo, A., Macaulay, C. W., Shahrokh Esfahani, M., Olsen, M. N., Hamilton, J., Hosoya, H., Hamilton, M., Spiegel, et al
2022
- **Determinants of Resistance to Engineered T-Cell Therapies Targeting CD19 in Large B-Cell Lymphomas**
Sworder, B., Kurtz, D. M., Alig, S. K., Frank, M. J., Shukla, N. D., Garofalo, A., Macaulay, C., Esfahani, M., Olsen, M., Hamilton, J., Hosoya, H., Hamilton, M. P., Spiegel, et al
AMER SOC HEMATOLOGY.2022: 1301-1303
- **Tumor Microenvironment Determinants of Immunotherapy Response Identified By Integrated Host & Viral Analysis of Post-Transplant Lymphoproliferative Disorders**
Schroers-Martin, J., Garofalo, A., Soo, J., Boegeholz, J., Alig, S. K., Sworder, B., Liu, C., Luikart, H., Gamino, G., Morales, D., Freystaetter, K., Hamilton, J., Kurtz, et al
AMER SOC HEMATOLOGY.2022
- **Strong Coexpression of Transcription Factors PU.1 and Oct-2 in Rosai-Dorfman Disease.** *American journal of clinical pathology*
Kiruthiga, K. G., Younes, S., Natkunam, Y.
2022
- **Targeted Mutational Profiling Reveals Clonal Relationships in Metachronous Occurrence of Classic Hodgkin and Mediastinal Large B-Cell Lymphomas.** *The American journal of surgical pathology*
Singh, K., Lezama, L. S., Kurzer, J., Oak, J., Schultz, L. M., Walkush, A., Cheng, T. C., Chen, E. H., May, W. A., Chang, C., Link, M. P., Advani, R. H., Suarez, et al

2022

- **Epstein-Barr virus-associated posttransplant lymphoproliferative disorders: new insights in pathogenesis, classification and treatment.** *Current opinion in oncology*
Dierickx, D., Pociupany, M., Natkunam, Y.
2022
- **The 5th edition of the World Health Organization Classification of Haematolymphoid Tumours: Myeloid and Histiocytic/Dendritic Neoplasms.** *Leukemia*
Khoury, J. D., Solary, E., Abl, O., Akkari, Y., Alaggio, R., Apperley, J. F., Bejar, R., Berti, E., Busque, L., Chan, J. K., Chen, W., Chen, X., Chng, et al
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
- **Identification and Targeting of the Developmental Blockade in Extranodal Natural Killer/T-cell Lymphoma.** *Blood cancer discovery*
Mundy-Bosse, B. L., Weigel, C., Wu, Y., Abdelbaky, S., Youssef, Y., Casas, S. B., Polley, N., Ernst, G., Young, K. A., McConnell, K. K., Nalin, A. P., Wu, K. G., Broughton, et al
2022; 3 (2): 154-169
- **Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination.** *Cell*
Röltgen, K., Nielsen, S. C., Silva, O., Younes, S. F., Zaslavsky, M., Costales, C., Yang, F., Wirz, O. F., Solis, D., Hoh, R. A., Wang, A., Arunachalam, P. S., Colburg, et al
2022
- **CAR T cells with dual targeting of CD19 and CD22 in adult patients with recurrent or refractory B cell malignancies: a phase 1 trial.** *Nature medicine*
Spiegel, J. Y., Patel, S., Muffly, L., Hossain, N. M., Oak, J., Baird, J. H., Frank, M. J., Shiraz, P., Sahaf, B., Craig, J., Iglesias, M., Younes, S., Natkunam, et al
2021
- **Pitfalls in the Diagnosis of Nodular Lymphocyte Predominant Hodgkin Lymphoma: Variant Patterns, Borderlines and Mimics** *CANCERS*
Younes, S., Rojansky, R. B., Menke, J. R., Gratzinger, D., Natkunam, Y.
2021; 13 (12)
- **DLBCL-Morph: Morphological features computed using deep learning for an annotated digital DLBCL image set.** *Scientific data*
Vrabac, D., Smit, A., Rojansky, R., Natkunam, Y., Advani, R. H., Ng, A. Y., Fernandez-Pol, S., Rajpurkar, P.
2021; 8 (1): 135
- **Classic Hodgkin lymphoma in Guatemalan children of age less than six years: analysis of immune regulatory pathways and the tumor microenvironment.** *Leukemia & lymphoma*
Silva, O., Charu, V., Ewalt, M. D., Metcalf, R. A., Zhao, S., Castellanos, E. M., Orellana, E., Natkunam, Y., Luna-Fineman, S.
2021: 1-13
- **Low-cost transcriptional diagnostic to accurately categorize lymphomas in low- and middle-income countries.** *Blood advances*
Valvert, F. n., Silva, O. n., Solórzano-Ortiz, E. n., Puligandla, M. n., Siliézar Tala, M. M., Guyon, T. n., Dixon, S. L., López, N. n., López, F. n., Carías Alvarado, C. C., Terbrueggen, R. n., Stevenson, K. E., Natkunam, et al
2021; 5 (10): 2447-55
- **The landscape of tumor cell states and ecosystems in diffuse large B cell lymphoma.** *Cancer cell*
Steen, C. B., Luca, B. A., Esfahani, M. S., Azizi, A., Sworder, B. J., Nabet, B. Y., Kurtz, D. M., Liu, C. L., Khameneh, F., Advani, R. H., Natkunam, Y., Myklebust, J. H., Diehn, et al
2021
- **Human Germinal Center-associated Lymphoma (HGAL) Is a Reliable Marker of Normal and Neoplastic Follicular Helper T Cells Including Angioimmunoblastic T-Cell Lymphoma.** *The American journal of surgical pathology*
Koo, M., Zhang, J., Tan, B., Kurzer, J., Gratzinger, D., Zhao, S., Suarez, C., Lossos, I. S., Warnke, R. A., Natkunam, Y.
2021
- **Conditional expression of HGAL leads to the development of diffuse large B-cell lymphoma in mice.** *Blood*
Raboso-Gallego, J., Casado-Garcia, A., Jiang, X., Isidro-Hernandez, M., Gentles, A. J., Zhao, S., Natkunam, Y., Blanco, O., Dominguez, V., Pintado, B., De Las Rivas, J., Alonso-Lopez, D., Vicente-Duenas, et al

2020

- **Stage I-II Nodular Lymphocyte-Predominant Hodgkin Lymphoma: a Multi-institutional Experience of Adult Patients by ILROG.** *Blood*
Binkley, M. S., Rauf, M. S., Milgrom, S. A., Pinnix, C. C., Tsang, R. W., Dickinson, M. n., Ng, A. n., Roberts, K. B., Gao, S. n., Balogh, A. G., Ricardi, U. n., Levis, M. n., Casulo, et al
2020
- **CD22-Directed CAR T-Cell Therapy Induces Complete Remissions in CD19-Directed CAR-Refractory Large B-Cell Lymphoma.** *Blood*
Baird, J. H., Frank, M. J., Craig, J. n., Patel, S. n., Spiegel, J. Y., Sahaf, B. n., Oak, J. S., Younes, S. n., Ozawa, M. n., Yang, E. n., Natkunam, Y. n., Tamaresis, J. S., Ehlinger, et al
2020
- **Prognostic Significance of MYC Rearrangement and Translocation Partner in Diffuse Large B-Cell Lymphoma: A Study by the Lunenburg Lymphoma Biomarker Consortium.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Rosenwald, A., Bens, S., Advani, R., Barrans, S., Copie-Bergman, C., Elsensohn, M., Natkunam, Y., Calaminici, M., Sander, B., Baia, M., Smith, A., Painter, D., Pham, et al
2019: JCO1900743
- **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
- **International Prognostic Score for Nodular Lymphocyte-Predominant Hodgkin Lymphoma.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Binkley, M. S., Flerlage, J. E., Savage, K. J., Akhtar, S., Steiner, R., Zhang, X. Y., Dickinson, M., Prica, A., Major, A., Hendrickson, P. G., Hopkins, D., Ng, A., Casulo, et al
2024: JCO2301655
- **Epstein-Barr virus latency patterns in polymorphic lymphoproliferative disorders and lymphomas in immunodeficiency settings: Diagnostic implications.** *Annals of diagnostic pathology*
Volaric, A. K., Saleem, A., Younes, S. F., Zhao, S., Natkunam, Y.
2024; 70: 152286
- **Distinct Hodgkin lymphoma subtypes defined by noninvasive genomic profiling.** *Nature*
Alig, S. K., Esfahani, M. S., Garofalo, A., Li, M. Y., Rossi, C., Flerlage, T., Flerlage, J. E., Adams, R., Binkley, M. S., Shukla, N., Jin, M. C., Olsen, M., Telenius, et al
2023
- **Results from an Intergroup Randomized Phase II Study of the Combinations of Ipilimumab, Nivolumab and Brentuximab Vedotin in Patients with Relapsed/Refractory Classic Hodgkin Lymphoma: A Trial of the ECOG-ACRIN Research Group (E4412)**
Diefenbach, C. S., Jegede, O., Ansell, S. M., Steidl, C., Natkunam, Y., Scott, D. W., Mehta-Shah, N., Amengual, J. E., Forlenza, C. J., Cole, P. D., Bartlett, N. L., David, K. A., Advani, et al
AMER SOC HEMATOLOGY.2023
- **Unraveling the Transcriptional Landscape of Nodular Lymphocyte-Predominant Hodgkin Lymphoma and T-Cell/Histiocyte Rich Large B-Cell Lymphoma: Impact of Tumor Microenvironment and Checkpoint Gene Expression**
Kalashnikov, I., Russell, V., Kovanen, P., Dunkel, J., Karjalainen-Lindsberg, M., Pasanen, A., Kositsky, R., Ondrejka, S. L., Goyal, T., Hsi, E. D., Pedersen, M., Gang, A., Czader, et al
AMER SOC HEMATOLOGY.2023
- **Investigating the Cell States and Prognostic Impact of Tumor Microenvironment Ecosystems in Classic Hodgkin Lymphoma**
Su, S., Subramanian, A., Flerlage, T., Flerlage, J. E., Alig, S. K., Moding, E. J., Hoppe, R. T., Advani, R. H., Natkunam, Y., Alizadeh, A. A., Binkley, M. S.
AMER SOC HEMATOLOGY.2023
- **SATB2 expression in hematolymphoid neoplasms.** *Journal of hematopathology*
Tiu, G. C., Natkunam, Y., Fernandez-Pol, S.
2023; 16 (2): 119-122
- **SATB2 expression in hematolymphoid neoplasms** *JOURNAL OF HEMATOPATHOLOGY*
Tiu, G. C., Natkunam, Y., Fernandez-Pol, S.
2023

- **Genetic and Microenvironment Features Do Not Distinguish Follicular Lymphoma Patients Requiring Immediate or Deferred Treatment.** *HemaSphere*
Stevens, W. B., Los-de Vries, G. T., Langois-Jacques, C., Clear, A. J., Stathi, P., Sander, B., Rosenwald, A., Calaminici, M., Hoster, E., Hiddemann, W., Gaulard, P., Salles, G., Klapper, et al
2023; 7 (4): e863
- **Brief Report: High Levels of CD47 Expression in Thymic Epithelial Tumors.** *JTO clinical and research reports*
Sun, T. Y., Nguyen, B., Chen, S. B., Natkunam, Y., Padda, S., van de Rijn, M., West, R., Neal, J. W., Wakelee, H., Riess, J. W.
2023; 4 (4): 100498
- **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
- **Elucidating the Genomic Landscape of Rosai-Dorfman Disease Using DNA and RNA Sequencing**
Russell, V., Younes, S., Yin, C., Li, S., Xu, J., Bhagat, G., Fedoriw, Y., Chadburn, A., Chapman, J., Lossos, I., Stanchina, M., Thacker, E., Dave, et al
ELSEVIER SCIENCE INC.2023: S1230-S1231
- **Somatostatin Receptor (SSTR2) Expression in EBV-Positive and EBV-Negative Lymphomas from Guatemala**
Brar, N., Charville, G., Natkunam, Y., Valvert, F., Briercheck, E., Silva, O.
ELSEVIER SCIENCE INC.2023: S1102-S1104
- **Spatial phenotyping of Nodular Lymphocyte Predominant Hodgkin Lymphoma and T-cell/Histiocyte-Rich Large B-cell Lymphoma using PhenoCycler (formerly CODEX)**
Younes, S., Subramanian, A., Khan, A., Zhao, S., Binkley, M., Natkunam, Y.
ELSEVIER SCIENCE INC.2023: S1261-S1262
- **Mutational Profiling of Epstein Barr Virus-Positive Mucocutaneous Ulcer**
Volaric, A., Kumar, J., Nicholas, V., Saleem, A., Suarez, C., Natkunam, Y.
ELSEVIER SCIENCE INC.2023: S1250-S1252
- **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. N., Gratzinger, D., Natkunam, Y.
2023
- **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
- **Nodular Lymphocyte Predominant Hodgkin Lymphoma with Splenic Involvement Is Characterized By Inflamed Tumor Microenvironment, High Expression of Checkpoint Molecule Gene-Signature and Adverse Outcome**
Kalashnikov, I., Karjalainen-Lindsberg, M., Kovanen, P., Dunkel, J., Pasanen, A., Kositsky, R., Ondrejka, S. L., Hsi, E. D., Evans, A. G., Pedersen, M. O., Norgaard, P. H., Gang, A., Czader, et al
AMER SOC HEMATOLOGY.2022: 3559-3561
- **Accurate Detection of Clinically Actionable Copy Number Variants in Diverse Hematological Neoplasms By Routine Targeted Sequencing: A Comparative Performance Study**
Mosquera, A., Hosoya, H., Jin, M. C., Esfahani, M., Schroers-Martin, J., Sworder, B., Liu, C., Spiteri, E., Natkunam, Y., Zehnder, J. L., Stehr, H., Kurtz, D. M., Alizadeh, et al
AMER SOC HEMATOLOGY.2022: 10712-10713
- **Investigating Gene Expression Phenotypes and Tumor Microenvironment Factors Associated with Response to Low Dose Radiotherapy for Follicular Lymphoma**
No, H. J., Oladipo, E. D., Subramanian, A., Natkunam, Y., Hiniker, S. M., Moding, E. J., Hoppe, R. T., Binkley, M. S.
ELSEVIER SCIENCE INC.2022: E529
- **High Levels of CD47 Expression in Thymic Epithelial Tumors**
Sun, T. Y., Nguyen, B., Chen, S., Natkunam, Y., Padda, S., Van De Rijn, M., Wakelee, H., Riess, J.
ELSEVIER SCIENCE INC.2022: S79

- **Trichodysplasia Spinulosa Polyomavirus Endothelial Infection, California, USA.** *Emerging infectious diseases*
Lawrence, L., Wang, A., Charville, G., Toland, A., Pinsky, B., Natkunam, Y., Younes, S., Stehr, H., Gratzinger, D.
2022; 28 (9): 1935-1937
- **EBV-Positive Nodular Lymphocyte Predominant Hodgkin Lymphoma: A Single Institution Experience.** *Human pathology*
Fei, F., Kiruthiga, K. G., Younes, S., Natkunam, Y.
2022
- **Digital Image Analysis and Quantitative Bead Standards in Root Cause Analysis of Immunohistochemical Staining Variability: A Real-world Example.** *Applied immunohistochemistry & molecular morphology : AIMM*
Rojansky, R., Sompuram, S. R., Gomulia, E., Natkunam, Y., Troxell, M. L., Fernandez-Pol, S.
2022
- **Genomic and microenvironmental landscape of stage I follicular lymphoma, compared to stage III/IV.** *Blood advances*
Los-de Vries, G. T., Stevens, W. B., van Dijk, E. v., Langois-Jacques, C., Clear, A. J., Stathi, P., Roemer, M. G., Mendeville, M., Hijmering, N. J., Sander, B., Rosenwald, A., Calaminici, M., Hoster, et al
2022
- **CD47 expression patterns in thymic epithelial tumors.**
Sun, T., Nguyen, B., Chen, S., Natkunam, Y., Padda, S., De Rijn, M., Wakelee, H. A., Riess, J. W.
LIPPINCOTT WILLIAMS & WILKINS.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
- **Flow Cytometry Forward Scatter as a Predictor of Large Cell Transformation in Follicular Lymphoma: A Retrospective Cyto-Heme Inter-Institutional Collaborative (CHIC) study**
Menke, J., Wang, L., Xie, Y., Yakubu, R., Balassanian, R., Frank, A., Gupta, S., Kurzer, J., Long, S., Natkunam, Y., Ruiz-Cordero, R., Wen, K., Gratzinger, et al
SPRINGERNATURE.2022: 989-990
- **Diagnostic Impact of Next Generation Sequencing Panels for Lymphoproliferative Neoplasms on Small Volume Biopsies**
Fei, F., Natkunam, Y., Zehnder, J., Gratzinger, D.
SPRINGERNATURE.2022: 948-949
- **Detection of Aberrant CD58 Expression in a Wide Spectrum of Hodgkin and Non-Hodgkin Lymphomas: Implications for CAR T Cell Resistance**
Younes, S., Libert, D., Zhao, S., Johnsrud, A., Bharadwaj, S., Majzner, R., Frank, M., Miklos, D., Natkunam, Y.
SPRINGERNATURE.2022: 1046-1048
- **Small Volume Biopsy Diagnostic Yield at Initial versus Recurrence/Transformation of Follicular Lymphoma: A Retrospective Cyto-Heme Inter-Institutional Collaborative (CHIC) Study**
Fitzpatrick, M., Sundaram, V., Ly, A., Balassanian, R., Gupta, S., Hasserjian, R., Lin, O., Long, S., Menke, J., Natkunam, Y., Ruiz-Cordero, R., Volaric, A., Wang, et al
SPRINGERNATURE.2022: 949-951
- **T-Cell Immunoreceptor with Ig and ITIM domains (TIGIT) Shows Distinct Expression Patterns Among Lymphoma Subtypes: Implications for Therapeutic Efficacy**
Libert, D., Zhao, S., Younes, S., Natkunam, Y.
SPRINGERNATURE.2022: 978-979
- **Digital Spatial Profiling Reveals Spatial Heterogeneity in Nodular Lymphocyte-Predominant Hodgkin Lymphoma**
Rojansky, R., Younes, S., Subramanian, A., Binkley, M., Natkunam, Y.
SPRINGERNATURE.2022: 1008-1009
- **Expression of CD47 Protein in Hematolymphoid Neoplasms: Implications for CD47-Mediated Cancer Immunotherapy**
Zhang, J., Bulterys, P., Fernandez-Pol, S., Younes, S., Zhao, S., Mansoor, A., Natkunam, Y.
SPRINGERNATURE.2022: 1052-1053
- **Epstein Barr Virus Latency Patterns in Post-Transplant Lymphoproliferative Disorders and EBV plus Mucocutaneous Ulcer: Diagnostic and Prognostic Implications**

Volaric, A., Saleem, A., Lawrence, L., Younes, S., Libert, D., Zhao, S., Natkunam, Y.
SPRINGER NATURE.2022: 1032-1033

- **Diagnostic Discrepancies in the Clinical Workup of Follicular Lymphoma Using Small Volume Biopsies: A Multi-Institutional Collaborative Study**
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