Stanford

Neel K. Gupta

Clinical Associate Professor, Medicine - Oncology

CLINICAL OFFICE (PRIMARY)

- **Lymphoma Clinic**
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Bio

BIO

Dr. Gupta specializes in the treatment of patients with lymphoma in general, and has particular clinical and research interests in patients with primary central nervous system and immunodeficiency-related lymphomas.

CLINICAL FOCUS

- Cancer > Lymphoma
- Primary Central Nervous System Lymphomas
- Post-transplant Lymphoproliferative Disorders
- AIDS-Related Lymphomas
- Medical Oncology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Oncology

HONORS AND AWARDS

- Saul Rosenberg Faculty Teaching Award, Division of Oncology, Department of Medicine (2020)
- Saul Rosenberg Faculty Teaching Award, Division of Oncology, Department of Medicine (2018)

PROFESSIONAL EDUCATION

- Board Certification: Medical Oncology, American Board of Internal Medicine (2024)
- Fellowship: UCSF Hematology and Medical Oncology Fellowship (2013) CA
- Residency: University of Washington Medical Center Dept of Medicine (2010) WA
- Medical Education: University of California Davis School of Medicine (2006) CA
- Fellowship: Memorial Sloan-Kettering Cancer Center (2009) NY
- Board Certification: Hematology, American Board of Internal Medicine (2014)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I have specific interest in the pathobiology and management of individuals with AIDS-related and primary central nervous system lymphomas.

CLINICAL TRIALS

- A Multi-Center Study of Ibrutinib in Combination With MEDI4736 in Subjects With Relapsed or Refractory Lymphomas, Not Recruiting
- A Study of Duvelisib in Combination With Rituximab or Obinutuzumab in Subjects With Previously Untreated CD20+ Follicular Lymphoma (CONTEMPO), Not Recruiting
- A Study to Evaluate Safety, Pharmacokinetics, and Clinical Activity of Combination of RO6870810 and Venetoclax, With or Without Rituximab, in Participants With Relapsed/Refractory DLBCL and/or High-Grade B-Cell Lymphoma and/or High Grade B-Cell Lymphoma With MYC and/or BCL2 and/or BCL6, Not Recruiting
- A Study to Investigate Blinatumomab in Combination With Chemotherapy in Patients With Newly Diagnosed B-Lymphoblastic Leukemia, Not Recruiting
- Brentuximab Vedotin Combined With AVD Chemotherapy in Patients With Newly Diagnosed Early Stage, Unfavorable Risk Hodgkin Lymphoma, Not Recruiting
- Combination Chemotherapy & Lenalidomide in Newly Diagnosed Stage II-IV Peripheral T-cell Non-Hodgkin's Lymphoma, Not Recruiting
- Investigation of Tipifarnib in Treatment of Subjects With Peripheral T-Cell Lymphoma (PTCL) That Have Not Responded to Standard Therapy, Not Recruiting
- Lisocabtagene Maraleucel (JCAR017) as Second-Line Therapy (TRANSCEND-PILOT-017006), Not Recruiting
- Nivolumab and Brentuximab Vedotin in Treating Older Patients With Untreated Hodgkin Lymphoma, Not Recruiting
- Study of Effectiveness of Axicabtagene Ciloleucel Compared to Standard of Care Therapy in Patients With Relapsed/Refractory Diffuse Large B Cell Lymphoma, Not Recruiting
- Study of Pembrolizumab (MK-3475) in Participants With Relapsed or Refractory Classical Hodgkin Lymphoma (MK-3475-087/KEYNOTE-087), Not Recruiting
- Study of Tirabrutinib (ONO-4059) in Patients With Primary Central Nervous System Lymphoma (PROSPECT Study), Not Recruiting
- Study to Investigate the Safety and Tolerability of Odronextamab in Patients With CD20+ B-Cell Malignancies, Not Recruiting
- Trial of Magrolimab (Hu5F9-G4) in Combination With Rituximab or Rituximab + Chemotherapy in Participants With Relapsed/Refractory B-cell Non-Hodgkin's Lymphoma, Not Recruiting

Publications

PUBLICATIONS

- **Long-term survival in AIDS-related primary central nervous system lymphoma.** *Neuro-oncology*
  Gupta, N. K., Nolan, A. n., Omuro, A. n., Reid, E. G., Wang, C. C., Mannis, G. n., Jaglal, M. n., Chavez, J. C., Rubinstein, P. G., Griffin, A. n., Abrams, D. I., Hwang, J. n., Kaplan, et al
  2016

- **Lisocabtagene Maraleucel as Second-Line Therapy for R/R Large B-Cell Lymphoma in Patients Not Intended for Hematopoietic Stem Cell Transplant: Final Analysis of the Phase 2 PILOT Study**
  Sehgal, A. R., Hoda, D., Riedell, P. A., Ghosh, N., Hamadani, M., Hildebrandt, G., Godwin, J. E., Reagan, P. M., Wagner-Johnston, N., Essell, J., Nath, R., Solomon, S. R., Champion, et al
  AMER SOC HEMATOLOGY.2023

- **Implications of Contact Days in the Treatment of Relapsed Refractory Diffuse Large B-Cell Lymphoma.** *The oncologist*
  Bojanini, L., Gupta, N., Khaki, A. R.
  2023

- **Lisocabtagene maraleucel as second-line therapy in adults with relapsed or refractory large B-cell lymphoma who were not intended for haematopoietic stem cell transplantation (PILOT): an open-label, phase 2 study.** *The Lancet. Oncology*
  Sehgal, A., Hoda, D., Riedell, P. A., Ghosh, N., Hamadani, M., Hildebrandt, G. C., Godwin, J. E., Reagan, P. M., Wagner-Johnston, N., Essell, J., Nath, R., Solomon, S. R., Champion, et al
  2022

- **Lisocabtagene maraleucel (liso-cel) as second-line (2L) therapy for R/R large B-cell lymphoma (LBCL) in patients (pt) not intended for hematopoietic stem cell transplantation (HSCT): Primary analysis from the phase 2 PILOT study.**
  Sehgal, A., Hoda, D., Riedell, P. A., Ghosh, N., Hamadani, M., Hildebrandt, G., Godwin, J. E., Reagan, P., Wagner-Johnston, N. D., Essell, J., Nath, R., Solomon, S. R., Champion, et al
  LIPPINCOTT WILLIAMS & WILKINS.2022

- **CD20-Targeted Therapy Ablates De Novo Antibody Response to Vaccination but Spares Pre-Established Immunity.** *Blood cancer discovery*
  Shree, T., Shankar, V., Lohmeyer, J. J., Czerwinski, D. K., Schroers-Martin, J. G., Rodriguez, G. M., Beygi, S., Kanegai, A. M., Corbelli, K. S., Gabriel, E., Kurtz, D. M., Khodadoust, M. S., Gupta, et al
  2022

- **Time Since Last Anti-CD20 Treatment Is a Major Determinant of Sars-Cov-2 Vaccine Response in a Large Cohort of Patients with B-Cell Lymphoma**
  Shree, T., Shankar, V., Czerwinski, D. K., Rodriguez, G., Beygi, S., Schroers-Martin, J. G., Advani, R., Maeda, L. S., Gupta, N. K., Khodadoust, M. S., Kurtz, D. M., Corbelli, K. S., Gabriel, et al
  AMER SOC HEMATOLOGY.2021

- **Stage I-II diffuse large B-cell lymphoma treated with rituximab and chemotherapy with or without radiotherapy.** *Leukemia & lymphoma*
  Binkley, M. S., Hiniker, S. M., Younes, S., Yoo, C., Wignarajah, A., Jin, M., Guo, H. H., Gupta, N. K., Natkunam, Y., Advani, R. H., Hoppe, R. T.
  2021: 1–15

- **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

- **Autologous tumor cell vaccine induces antitumor T cell immune responses in patients with mantle cell lymphoma: A phase I/II trial.** *The Journal of experimental medicine*
  Frank, M. J., Khodadoust, M. S., Czerwinski, D. K., Haabeth, O. A., Chu, M. P., Miklos, D. B., Advani, R. H., Alizadeh, A. A., Gupta, N. K., Maeda, L. S., Reddy, S. A., Laport, G. G., Meyer, et al
  2020; 217 (9)

- **Prognostic Value of Circulating Tumor DNA in Diffuse Large B-Cell Lymphoma Reply** *JOURNAL OF CLINICAL ONCOLOGY*
  Kurtz, D. M., Scherer, F., Jin, M. C., Soo, J., Craig, A. F. M., Esfahani, M. S., Chabon, J. J., Stehr, H., Liu, C., Tibshirani, R., Maeda, L. S., Gupta, N. K., Khodadoust, et al
  2019; 37 (9): 755-+

- **Reply to J. Wang et al.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
  Kurtz, D. M., Scherer, F., Jin, M. C., Soo, J., Craig, A. F., Esfahani, M. S., Chabon, J. J., Stehr, H., Liu, C. L., Tibshirani, R., Maeda, L. S., Gupta, N. K., Khodadoust, et al
  2019: JCO1801907

- **AIDS-Related Kaposi Sarcoma, Version 2.2019, NCCN Clinical Practice Guidelines in Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Reid, E., Suneja, G., Ambinder, R. F., Ard, K., Baiocchi, R., Barta, S. K., Carchman, E., Cohen, A., Crysler, O. V., Gupta, N., Gustafson, C., Hall, A., Johung, et al
  2019; 17 (2): 171–89

- **AIDS-Related Kaposi Sarcoma, Version 2.2019** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
  Reid, E., Suneja, G., Ambinder, R. F., Ard, K., Baiocchi, R., Barta, S. K., Carchman, E., Cohen, A., Crysler, O. V., Gupta, N., Gustafson, C., Hall, A., Johung, et al
  2019; 17 (2): 171–89

- **Circulating Tumor DNA Measurements As Early Outcome Predictors in Diffuse Large B-Cell Lymphoma** *JOURNAL OF CLINICAL ONCOLOGY*
  Kurtz, D. M., Scherer, F., Jin, M. C., Soo, J., Craig, A. F. M., Esfahani, M., Chabon, J. J., Stehr, H., Liu, C., Tibshirani, R., Maeda, L. S., Gupta, N. K., Khodadoust, et al

2018; 36 (28): 2845-+

- **Circulating tumor DNA (ctDNA) in B-cell lymphoma**

  Scherer, F., Kurtz, D. M., Newman, A. M., Stehr, H., Craig, A. F. M., Esfahani, M. S., Lovejoy, A. F., Chabon, J. J., Klass, D. M., Green, M. R., Liu, C. L., Zhou, L., Glover, et al

  WILEY.2018: 16–17

- **Circulating Tumor DNA Measurements As Early Outcome Predictors in Diffuse Large B-Cell Lymphoma.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*

  Kurtz, D. M., Scherer, F., Jin, M. C., Soo, J., Craig, A. F., Esfahani, M. S., Chabon, J. J., Stehr, H., Liu, C. L., Tibshirani, R., Maeda, L. S., Gupta, N. K., Khodadoust, et al

  2018: JCO2018785246

- **Cancer in People Living With HIV, Version 1.2018 Clinical Practice Guidelines in Oncology** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*

  Reid, E., Suneja, G., Ambinder, R. F., Ard, K., Baiocchi, R., Barta, S. K., Carchman, E., Cohen, A., Gupta, N., Johung, K. L., Klopp, A., LaCasce, A. S., Lin, et al

  2018; 16 (8): 986–1017

- **Development and Validation of Biopsy-Free Genotyping for Molecular Subtyping of Diffuse Large B-Cell Lymphoma** *58th Annual Meeting and Exposition of the American-Society-of-Hematology*

  Scherer, F., Kurtz, D. M., Newman, A. M., Esfahani, M. S., Craig, A., Stehr, H., Lovejoy, A. F., Chabon, J. J., Liu, C. L., Zhou, L., Glover, C., Visser, B. C., Poultsides, et al

  AMER SOC HEMATOLOGY.2016

- **Noninvasive Detection of BCL2, BCL6, and MYC Translocations in Diffuse Large B-Cell Lymphoma**

  Kurtz, D. M., Scherer, F., Newman, A. M., Craig, A., Jin, M., Stehr, H., Chabon, J. J., Esfahani, M., Liu, C., Zhou, L., Glover, C., Visser, B. C., Poultsides, et al

  AMER SOC HEMATOLOGY.2016

- **Absence of Evidence Implicating Hematopoietic Stem Cells As Common Progenitors for DLBCL Mutations**

  Jan, M., Scherer, F., Kurtz, D. M., Newman, A. M., Stehr, H., Liu, C., Zhou, L., Glover, C., Advani, R. H., Maeda, L. S., Gupta, N. K., Levy, R., Kunder, et al

  AMER SOC HEMATOLOGY.2016

- **Distinct biological subtypes and patterns of genome evolution in lymphoma revealed by circulating tumor DNA** *SCIENCE TRANSLATIONAL MEDICINE*

  Scherer, F., Kurtz, D. M., Newman, A. M., Stehr, H., Craig, A. F., Esfahani, M. S., Lovejoy, A. F., Chabon, J. J., Klass, D. M., Liu, C. L., Zhou, L., Glover, C., Visser, et al

  2016; 8 (364)

- **Noninvasive molecular subtyping and risk stratification of DLBCL.**

  Scherer, F., Kurtz, D., Newman, A. M., Stehr, H., Craig, A. F. M., Esfahani, M. S., Lovejoy, A. F., Chabon, J. J., Klass, D. M., Liu, C., Zhou, L., Glover, C., Advani, et al

  AMER SOC CLINICAL ONCOLOGY.2016

- **The Transfusion Tether: Bridging the Gap Between End-Stage Hematologic Malignancies and Optimal End-of-Life Care.** *American journal of hematology*

  Mannis, G. N., McNey, L. M., Gupta, N. K., Gross, D. M.

  2016

- **Plasmablastic lymphoma is treatable in the HAART era. A 10 year retrospective by the AIDS Malignancy Consortium** *LEUKEMIA & LYMPHOMA*

  Noy, A., Lensing, S. Y., Moore, P. C., Gupta, N., Aboulafia, D., Ambinder, R., Baiocchi, R., Dezube, B. J., Henry, D., Kaplan, L., Levine, A. M., Mitsuyasu, R., Ratner, et al

  2016; 57 (7): 1731–34

- **Phase I/II Clinical Trial of CpG-Activated Whole Cell Vaccine in Mantle Cell Lymphoma (MCL): Results in Safety and Efficacy from Planned Interim Analysis**

  Chu, M. P., Brody, J., Kohrt, H. E., Frank, M. J., Khodadoust, M., Reddy, S., Advani, R. H., Gupta, N. K., Laport, G., Maeda, L. S., Meyer, E., Miklos, D. B., Negrin, et al

  AMER SOC HEMATOLOGY.2015

- **Delayed hematopoietic recovery after auto-SCT in patients receiving arsenic trioxide-based therapy for acute promyelocytic leukemia: a multi-center analysis** *BONE MARROW TRANSPLANTATION*
  Mannis, G. N., Logan, A. C., Leavitt, A. D., Yanada, M., Hwang, J., Olin, R. L., Damon, L. E., Andreadis, C., Ai, W. Z., Gaensler, K. M., Greene, C. C., Gupta, N. K., Kaplan, et al
  2015; 50 (1): 40-44

- **New Meets Old: A Case Study and Review of Novel Therapeutics for the Treatment of CLL in Older Patients** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
  Gupta, N. K., Andreadis, C.
  2014; 12 (10): 1371-1375

- **Diffuse Large B-cell Lymphoma** *Cancers in People with HIV and AIDS*
  Gupta, N. K., Kaplan, L. D.
  Springer.2014: 175–182

- **How I treat CNS lymphomas** *BLOOD*
  Rubenstein, J. L., Gupta, N. K., Mannis, G. N., LaMarre, A. K., Treseler, P.
  2013; 122 (14): 2318-2330

- **Outcome of patients with relapsed/refractory acquired immune deficiency syndrome-related lymphoma diagnosed 1999-2008 and treated with curative intent in the AIDS Malignancy Consortium** *LEUKEMIA & LYMPHOMA*
  Bayraktar, U. D., Ramos, J. C., Petrich, A., Gupta, N., Lensing, S., Moore, P. C., Reid, E. G., Aboulafia, D. M., Ratner, L., Mitsuyasu, R., Cooley, T., Henry, D. H., Barr, et al
  2012; 53 (12): 2383-2389

- **Fourth complete remission with immunosuppression withdrawal and irinotecan after both autologous and allogeneic transplants for diffuse large B cell lymphoma** *LEUKEMIA & LYMPHOMA*
  Gupta, N. K., Barker, J. N., Young, J. W., Noy, A.
  2009; 50 (12): 2075-2077

- **Differential effects of neurotoxic destruction of descending noradrenergic pathways on acute and persistent nociceptive processing** *PAIN*
  Martin, W. J., Gupta, N. K., Loo, C. M., Rohde, D. S., Basbaum, A. I.
  1999; 80 (1-2): 57-65