




## Ronald Levy, MD

Robert K. and Helen K. Summy Professor in the School of Medicine

Medicine - Oncology

 NIH Biosketch available Online

 Curriculum Vitae available Online

### CLINICAL OFFICES

#### • Lymphoma Clinic

875 Blake Wilbur Dr Clinic C

Stanford, CA 94305

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### Bio

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### CLINICAL FOCUS

- Cancer > Lymphoma
- Lymphoma
- Non-Hodgkin's Lymphoma
- Non-Hodgkin's Lymphoma - Medical Oncology
- Burkitt's Lymphoma
- Burkitt's Lymphoma - Medical Oncology
- Hodgkin's Disease
- Hodgkin's Disease - Medical Oncology
- Burkitt's Lymphoma - Hematology
- Hodgkin's Disease - Hematology
- Oncology (Cancer)
- Non-Hodgkin's Lymphoma - Hematology
- Medical Oncology

### ACADEMIC APPOINTMENTS

- Professor, Medicine - Oncology
- Member, Bio-X
- Member, Stanford Cancer Institute

### HONORS AND AWARDS

- Karnofsky Award, American Society of Clinical Oncology (1999)
- Charles Kettering Prize, General Motors Cancer Research Foundation (1999)
- C.Chester Stock Award, Memorial Sloan-Kettering Cancer Center (2000)
- Medal of Honor, American Cancer Society (2000)
- Jeffrey A. Gottlieb Memorial Award, M.D. Anderson Cancer Center (2003)
- Damashek Prize, American Society of Hematology (2004)
- Member, Institute of Medicine (2007)
- di Villiers International Achievement Award, Leukemia and Lymphoma Society (2007)
- Member, National Academy of Sciences (2008)
- King Faisal International Prize, King Faisal Foundation (2009)

## PROFESSIONAL EDUCATION

- Fellowship: Stanford University School of Medicine (1973) CA
- Board Certification: Medical Oncology, American Board of Internal Medicine (1979)
- Residency: Massachusetts General Hospital (1970) MA
- Internship: Massachusetts General Hospital (1969) MA
- Board Certification: Internal Medicine, American Board of Internal Medicine (1973)
- Medical Education: Stanford University School of Medicine (1968) CA
- AB, Harvard University , Biochemistry (1963)
- MD, Stanford University , Medicine (1968)

## LINKS

- [http://med.stanford.edu/labs/ronald\\_levy/](http://med.stanford.edu/labs/ronald_levy/): [http://med.stanford.edu/labs/ronald\\_levy/](http://med.stanford.edu/labs/ronald_levy/)
- Personal Web site: [http://med.stanford.edu/labs/ronald\\_levy/](http://med.stanford.edu/labs/ronald_levy/)
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our research concentrates on the study of malignant lymphoma and tumors of the immune system using the tools of immunology and molecular biology to develop a better understanding of the initiation and progression of the malignant process. Receptor molecules present on the surface of tumor cells transmit signals for regulation of cell growth. These receptors include the immunoglobulin molecule on B cell tumors and the T cell receptor on T cell tumors. Questions the lab is currently addressing include:

1. Can a clue to the pathogenesis of lymphoma be derived from a study of their antigen receptors?
2. Can new treatments for lymphoma be developed by targeting receptors with monoclonal antibodies?
3. Can vaccines be developed which can induce an immune response in the host against the receptors on their own tumor?

## Teaching

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### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Miles Linde, Caitlyn Miller, Amanda Rabe

#### Postdoctoral Faculty Sponsor

Sarah Haebe, Julian Lohmeyer, Adrienne Sallets

#### Postdoctoral Research Mentor

Sara Beygi, Sarah Haebe, Wan Xing Hong, Julian Lohmeyer, Adrienne Sallets

### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)
- Immunology (Phd Program)

## Publications

### PUBLICATIONS

- **Society for Immunotherapy of Cancer (SITC) clinical practice guideline on immunotherapy for the treatment of lymphoma.** *Journal for immunotherapy of cancer*  
Neelapu, S. S., Adkins, S., Ansell, S. M., Brody, J., Cairo, M. S., Friedberg, J. W., Kline, J. P., Levy, R., Porter, D. L., van Besien, K., Werner, M., Bishop, M. R.  
2020; 8 (2)
- **Neoadjuvant Immunotherapy for Solid Tumors**  
Hong, W., Sagiv-Barfi, I., Czerwinski, D., Levy, R.  
ELSEVIER SCIENCE INC.2020: S275
- **Impaired Immune Health in Survivors of Diffuse Large B-Cell Lymphoma.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Shree, T., Li, Q., Glaser, S. L., Brunson, A., Maecker, H. T., Haile, R. W., Levy, R., Keegan, T. H.  
2020: JCO1901937
- **Urelumab alone or in combination with rituximab in patients with relapsed or refractory B-cell lymphoma.** *American journal of hematology*  
Timmerman, J., Herbaux, C., Ribrag, V., Zelenetz, A. D., Houot, R., Neelapu, S. S., Logan, T., Lossos, I. S., Urba, W., Salles, G., Ramchandren, R., Jacobson, C., Godwin, et al  
2020
- **Could anti-CD20 therapy jeopardise the efficacy of a SARS-CoV-2 vaccine?** *European journal of cancer (Oxford, England : 1990)*  
Houot, R., Levy, R., Cartron, G., Armand, P.  
2020; 136: 4–6
- **First-in-Human Study of Utomilumab, a 4-1BB/CD137 Agonist, in Combination with Rituximab in Patients with Follicular and Other CD20+ Non-Hodgkin Lymphomas.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Gopal, A. K., Levy, R., Houot, R., Patel, S. P., Popplewell, L., Jacobson, C., Mu, X. J., Deng, S., Ching, K. A., Chen, Y., Davis, C. B., Huang, B., Fly, et al  
2020
- **Intratumoral immunotherapy for early stage solid tumors.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Hong, W. X., Haebe, S., Lee, A., Westphalen, B., Norton, J. A., Jiang, W., Levy, R.  
2020
- **Charge-altering releasable transporters enable phenotypic manipulation of natural killer cells for cancer immunotherapy.** *Blood advances*  
Wilk, A. J., Weidenbacher, N. L., Vergara, R., Haabeth, O. A., Levy, R., Waymouth, R. M., Wender, P. A., Blish, C. A.  
2020; 4 (17): 4244–55
- **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)
- **Single cell RNA sequencing of serial tumor and blood biopsies from lymphoma patients undergoing in situ vaccination**  
Shree, T., Sathe, A., Ji, H., Levy, R.  
AMER ASSOC CANCER RESEARCH.2019
- **Interim results of a Phase I/II trial of intratumoral CpG, local low-dose radiation, and oral ibrutinib in patients with low-grade B-cell lymphoma**  
Shree, T., Khodadoust, M. S., Czerwinski, D., Frank, M. J., Hong, W. X., Greenstein, R., Guo, S., Long, S., Martin, B. A., Levy, R.  
AMER ASSOC CANCER RESEARCH.2019
- **CD81 is a novel immunotherapeutic target for B cell lymphoma.** *The Journal of experimental medicine*  
Vences-Catalan, F., Kuo, C., Rajapaksa, R., Duault, C., Andor, N., Czerwinski, D. K., Levy, R., Levy, S.  
2019
- **Local Delivery of Ox40L, Cd80, and Cd86 mRNA Kindles Global Anticancer Immunity** *CANCER RESEARCH*  
Haabeth, O., Blake, T. R., McKinlay, C. J., Tveita, A. A., Sallets, A., Waymouth, R. M., Wender, P. A., Levy, R.

2019; 79 (7): 1624–34

- **Single-cell RNA-Seq of follicular lymphoma reveals malignant B-cell types and coexpression of T-cell immune checkpoints** *BLOOD*  
Andor, N., Simonds, E. F., Czerwinski, D. K., Chen, J., Grimes, S. M., Wood-Bouwens, C., Zheng, G. Y., Kubit, M. A., Greer, S., Weiss, W. A., Levy, R., Ji, H. P.  
2019; 133 (10): 1119–29
- **Serial Fine Needle Aspiration (FNA) Allows Direct Sampling of Low-grade Lymphoma Tumor Nodules and Subsequent Analysis of the Tumor and Its Microenvironment in Clinical Trial Patients Receiving Immunotherapy**  
Mooney, K., Long, S., Martin, B., Frank, M., Czerwinski, D., Levy, R., Guo, X., Shree, T., Greenstein, R.  
NATURE PUBLISHING GROUP.2019
- **Serial Fine Needle Aspiration (FNA) Allows Direct Sampling of Low-grade Lymphoma Tumor Nodules and Subsequent Analysis of the Tumor and Its Microenvironment in Clinical Trial Patients Receiving Immunotherapy**  
Mooney, K., Long, S., Martin, B., Frank, M., Czerwinski, D., Levy, R., Guo, X., Shree, T., Greenstein, R.  
NATURE PUBLISHING GROUP.2019
- **Local delivery of OX40L, CD80, and CD86 mRNA kindles global anti-cancer immunity.** *Cancer research*  
Haabeth, O. A., Blake, T. R., McKinlay, C. J., Tveita, A. A., Sallets, A., Waymouth, R. M., Wender, P. A., Levy, R.  
2019
- **TIGIT and PD-1 mark intratumoral T cells with reduced effector function in B-cell non-Hodgkin lymphoma.** *Cancer immunology research*  
Josefsson, S. E., Beiske, K., Blaker, Y. N., Forsund, M. S., Holte, H., Ostenstad, B., Kimby, E., Koksäl, H., Walchli, S., Bai, B., Smeland, E. B., Levy, R., Kolstad, et al  
2019
- **Predicting HLA class II antigen presentation through integrated deep learning.** *Nature biotechnology*  
Chen, B., Khodadoust, M. S., Olsson, N., Wagar, L. E., Fast, E., Liu, C. L., Muftuoglu, Y., Sworder, B. J., Diehn, M., Levy, R., Davis, M. M., Elias, J. E., Altman, et al  
2019
- **Single-cell RNA-Seq of lymphoma cancers reveals malignant B cell types and co-expression of T cell immune checkpoints.** *Blood*  
Andor, N., Simonds, E. F., Czerwinski, D. K., Chen, J., Grimes, S. M., Wood-Bouwens, C., Zheng, G. X., Kubit, M. A., Greer, S., Weiss, W. A., Levy, R., Ji, H. P.  
2018
- **Single Cell RNA Sequencing of Serial Tumor and Blood Biopsies from Lymphoma Patients on an in Situ Vaccination Clinical Trial**  
Shree, T., Sathe, A., Czerwinski, D. K., Long, S. R., Ji, H., Levy, R.  
AMER SOC HEMATOLOGY.2018
- **Enhancing immunotherapy of STING agonist for lymphoma in preclinical models.** *Blood advances*  
Sallets, A., Robinson, S., Kardosh, A., Levy, R.  
2018; 2 (17): 2230–41
- **mRNA vaccination with charge-altering releasable transporters elicits human T cell responses and cures established tumors in mice.** *Proceedings of the National Academy of Sciences of the United States of America*  
Haabeth, O. A., Blake, T. R., McKinlay, C. J., Waymouth, R. M., Wender, P. A., Levy, R.  
2018
- **Circulating tumor DNA (ctDNA) in B-cell lymphoma**  
Scherer, F., Kurtz, D. M., Newman, A. M., Stehr, H., Craig, A. 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
- **In Situ Vaccination with a TLR 9 Agonist and Local Low Dose Radiation Induces Systemic Responses in Untreated Indolent Lymphoma.** *Cancer discovery*  
Frank, M. J., Reagan, P. M., Bartlett, N. L., Gordon, L. I., Friedberg, J. W., Czerwinski, D. K., Long, S. R., Hoppe, R. T., Janssen, R. S., Candia, A. F., Coffman, R. L., Levy, R.  
2018
- **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

- **Positron emission tomography imaging of activated T cells by targeting OX40 reveals spatiotemporal immune dynamics and predicts response to in situ tumor vaccination**  
Mayer, A. T., Alam, I. S., Sagiv-Barfi, I., Wang, K., Vermesh, O., Czerwinski, D. K., Johnson, E. M., James, M. L., Levy, R., Gambhir, S. S.  
AMER ASSOC CANCER RESEARCH.2018
- **Phase I Study of Single-Agent Utomilumab (PF-05082566), a 4-1BB/CD137 Agonist, in Patients with Advanced Cancer** *CLINICAL CANCER RESEARCH*  
Segal, N. H., He, A. R., Doi, T., Levy, R., Bhatia, S., Pishvaian, M. J., Cesari, R., Chen, Y., Davis, C. B., Huang, B., Thall, A. D., Gopal, A. K.  
2018; 24 (8): 1816–23
- **T Cells Expressing Checkpoint Receptor TIGIT Are Enriched in Follicular Lymphoma Tumors and Characterized by Reversible Suppression of T-cell Receptor Signaling** *CLINICAL CANCER RESEARCH*  
Josefsson, S. E., Huse, K., Kolstad, A., Beiske, K., Pende, D., Steen, C. B., Inderberg, E., Lingjaerde, O., Ostenstad, B., Smeland, E. B., Levy, R., Irish, J. M., Myklebust, et al  
2018; 24 (4): 870–81
- **Augmentation of CD134 (OX40)-dependent NK anti-tumour activity is dependent on antibody cross-linking.** *Scientific reports*  
Turaj, A. H., Cox, K. L., Penfold, C. A., French, R. R., Mockridge, C. I., Willoughby, J. E., Tutt, A. L., Griffiths, J., Johnson, P. W., Glennie, M. J., Levy, R., Cragg, M. S., Lim, et al  
2018; 8 (1): 2278
- **Eradication of spontaneous malignancy by local immunotherapy.** *Science translational medicine*  
Sagiv-Barfi, I., Czerwinski, D. K., Levy, S., Alam, I. S., Mayer, A. T., Gambhir, S. S., Levy, R.  
2018; 10 (426)
- **B cell lymphomas present immunoglobulin neoantigens.** *Blood*  
Khodadoust, M. S., Olsson, N., Chen, B., Sworder, B., Shree, T., Liu, C. L., Zhang, L., Czerwinski, D. K., Davis, M. M., Levy, R., Elias, J. E., Alizadeh, A. A.  
2018
- **Autologous iPSC-Based Vaccines Elicit Anti-tumor Responses In Vivo.** *Cell stem cell*  
Kooreman, N. G., Kim, Y., de Almeida, P. E., Termglinchan, V., Diecke, S., Shao, N. Y., Wei, T. T., Yi, H., Dey, D., Nelakanti, R., Brouwer, T. P., Paik, D. T., Sagiv-Barfi, et al  
2018
- **Imaging activated T cells predicts response to cancer vaccines.** *The Journal of clinical investigation*  
Alam, I. S., Mayer, A. T., Sagiv-Barfi, I., Wang, K., Vermesh, O., Czerwinski, D. K., Johnson, E. M., James, M. L., Levy, R., Gambhir, S. S.  
2018
- **T-cell immunopeptidomes reveal cell subtype surface markers derived from intracellular proteins.** *Proteomics*  
Olsson, N., Schultz, L. M., Zhang, L., Khodadoust, M. S., Narayan, R., Czerwinski, D. K., Levy, R., Elias, J. E.  
2018
- **Eradication of spontaneous malignancy by local immunotherapy.** *SCIENCE TRANSLATIONAL MEDICINE*  
Sagiv-Barfi, I., Czerwinski, D., Levy, S., Alam, I. S., Mayer, A. T., Gambhir, S. S., Levy, R.  
2018; 10 (426)
- **Axicabtagene Ciloleucef CAR T-Cell Therapy in Refractory Large B-Cell Lymphoma** *NEW ENGLAND JOURNAL OF MEDICINE*  
Neelapu, S. S., Locke, F. L., Bartlett, N. L., Lekakis, L. J., Miklos, D. B., Jacobson, C. A., Braunschweig, I., Oluwole, O. O., Siddiqi, T., Lin, Y., Timmerman, J. M., Stiff, P. J., Friedberg, et al  
2017; 377 (26): 2531–44
- **Results from an Integrated Safety Analysis of Urelumab, an Agonist Anti-CD137 Monoclonal Antibody** *CLINICAL CANCER RESEARCH*  
Segal, N. H., Logan, T. F., Hodi, F. S., Mc Dermott, D., Melero, I., Hamid, O., Schmidt, H., Robert, C., Chiarion-Sileni, V., Ascierto, P. A., Maio, M., Urba, W. J., Gangadhar, et al  
2017; 23 (8): 1929-1936
- **CD81 as a tumor target.** *Biochemical Society transactions*  
Vences-Catalán, F., Duault, C., Kuo, C., Rajapaksa, R., Levy, R., Levy, S.  
2017; 45 (2): 531-535

- **Epstein-Barr virus-positive follicular lymphoma** *MODERN PATHOLOGY*  
Mackrides, N., Campuzano-Zuluaga, G., Maque-Acosta, Y., Moul, A., Hijazi, N., Ikpatt, F. O., Levy, R., Verdun, R. E., Kunkalla, K., Natkunam, Y., Lossos, I. S., Vega, F., Chapman, et al  
2017; 30 (4): 519-529
- **Epstein-Barr virus-positive follicular lymphoma.** *Modern pathology*  
Mackrides, N., Campuzano-Zuluaga, G., Maque-Acosta, Y., Moul, A., Hijazi, N., Ikpatt, F. O., Levy, R., Verdun, R. E., Kunkalla, K., Natkunam, Y., Lossos, I. S., Vega, F., Chapman, et al  
2017; 30 (4): 519-529
- **Antigen presentation profiling reveals recognition of lymphoma immunoglobulin neoantigens** *NATURE*  
Khodadoust, M. S., Olsson, N., Wagar, L. E., Haabeth, O. A., Chen, B., Swaminathan, K., Rawson, K., Liu, C. L., Steiner, D., Lund, P., Rao, S., Zhang, L., Marceau, et al  
2017; 543 (7647): 723-?
- **Distinct patterns of B-cell receptor signaling in non-Hodgkin lymphomas identified by single-cell profiling.** *Blood*  
Myklebust, J. H., Brody, J., Kohrt, H. E., Kolstad, A., Czerwinski, D. K., Wälchli, S., Green, M. R., Trøen, G., Liestøl, K., Beiske, K., Houot, R., Delabie, J., Alizadeh, et al  
2017; 129 (6): 759-770
- **The Society for Immunotherapy of Cancer consensus statement on immunotherapy for the treatment of hematologic malignancies: multiple myeloma, lymphoma, and acute leukemia** *JOURNAL FOR IMMUNOTHERAPY OF CANCER*  
Boydadzis, M., Bishop, M. R., Abonour, R., Anderson, K. C., Ansell, S. M., Avigan, D., Barbarotta, L., Barrett, A., Van Besien, K., Bergsagel, P., Borrello, I., Brody, J., Brufsky, et al  
2016; 4: 90
- **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)
- **Results From an Integrated Safety Analysis of Urelumab, an Agonist Anti-CD137 Monoclonal Antibody.** *Clinical cancer research*  
Segal, N. H., Logan, T. F., Hodi, F. S., McDermott, D. F., Melero, I., Hamid, O., Schmidt, H., Robert, C., Chiarion-Sileni, V., Ascierto, P. A., Maio, M., Urba, W. J., Gangadhar, et al  
2016
- **Targeting lymphoma with precision using semisynthetic anti-idiotypic peptides** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Torchia, J., Weiskopf, K., Levy, R.  
2016; 113 (19): 5376-5381
- **Immunomodulatory antibodies for the treatment of lymphoma: Report on the CALYM Workshop** *ONCOIMMUNOLOGY*  
Houot, R., Gaulard, P., Schreiber, R., Mellman, I., Lambotte, O., Coulie, P. G., Fest, T., Korman, A., Levy, R., Shipp, M., Tarte, K., Kohrt, H., Marabelle, et al  
2016; 5 (7)
- **Tetraspanin CD81, a modulator of immune suppression in cancer and metastasis** *ONCOIMMUNOLOGY*  
Vences-Catalan, F., Rajapaksa, R., Srivastava, M. K., Marabelle, A., Kuo, C., Levy, R., Levy, S.  
2016; 5 (5): e1120399
- **Intratumoral Injection of TLR4 Agonist (G100) Leads to Tumor Regression of A20 Lymphoma and Induces Abscopal Responses**  
Sagiv-Barfi, I., Lu, H., Hewitt, J., Hsu, F. J., ter Meulen, J., Levy, R.  
AMER SOC HEMATOLOGY.2015
- **Development of a Novel Virus-like Particle (VLP) Vaccine for Personalized B-Cell Lymphoma and Chronic Lymphocytic Leukemia Therapy**  
Chan, W., Theriault, T., Levy, R., Swartz, J.  
AMER SOC HEMATOLOGY.2015
- **T Regulatory Cells Exhibit Surface Expression of FoxP3 Derived Peptides Presented within Class I MHC**  
Schultz, L. M., Olsson, N., Khodadoust, M., Narayan, R., Sagiv-Barfi, I., Elias, J., Levy, R.  
AMER SOC HEMATOLOGY.2015

- **Regulatory T Cells Are Depleted in Low-Grade Lymphoma By the Combination of Local Low-Dose Radiation Followed By Intratumoral CpG-ODN**  
Czerwinski, D. K., Long, S. R., Khodadoust, M., Frank, M. J., Chu, M. P., Okada, A., McDonald, K. A., Kohrt, H. E., Bartlett, N. L., Reagan, P. M., Friedberg, J. W., Gordon, L. I., Coffman, et al  
AMER SOC HEMATOLOGY.2015
- **Noninvasive Genotyping and Assessment of Treatment Response in Diffuse Large B Cell Lymphoma**  
Scherer, F., Kurtz, D. M., Newman, A. M., Stehr, H., Liu, C., Zhou, L., Craig, A. M., Chabon, J. J., Lovejoy, A. F., Klass, D. M., Glover, C., Ohgami, R. S., Kunder, et al  
AMER SOC HEMATOLOGY.2015
- **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
- **Tetraspanin CD81 Promotes Tumor Growth and Metastasis by Modulating the Functions of T Regulatory and Myeloid-Derived Suppressor Cells** *CANCER RESEARCH*  
Vences-Catalan, F., Rajapaksa, R., Srivastava, M. K., Marabelle, A., Kuo, C., Levy, R., Levy, S.  
2015; 75 (21): 4517-4526
- **Monoclonal antibodies and in situ vaccination.**  
Levy, R.  
AMER ASSOC CANCER RESEARCH.2015
- **Combining Ibrutinib with immune checkpoint blockade to induce therapeutic antitumor immune response in solid tumors**  
Sagiv-Barfi, I., Kohrt, H., Czerwinski, D., Ng, P., Chang, B., Levy, R.  
AMER ASSOC CANCER RESEARCH.2015
- **Noninvasive monitoring of diffuse large B-cell lymphoma by immunoglobulin high-throughput sequencing.** *Blood*  
Kurtz, D. M., Green, M. R., Bratman, S. V., Scherer, F., Liu, C. L., Kunder, C. A., Takahashi, K., Glover, C., Keane, C., Kihira, S., Visser, B., Callahan, J., Kong, et al  
2015; 125 (24): 3679-3687
- **Pre-treatment circulating tumor DNA as a biomarker for disease burden in diffuse large B cell lymphoma (DLBCL)**  
Scherer, F., Kurtz, D., Green, M., Newman, A. M., Klass, D. M., Zhou, L., Krishnan, R., Liu, C., Glover, C., Ohgami, R. S., Hicks, R. J., Keane, C., Kong, et al  
AMER SOC CLINICAL ONCOLOGY.2015
- **First-in-human study assessing safety and tolerability of REGN1979, a novel CD20xCD3 bispecific antibody, in patients with CD20+B-cell malignancies previously treated with anti-CD20 therapy.**  
Brownstein, C. M., Adriaens, L., Bannerji, R., Chavez, J. C., Levy, R., Ansell, S., Advani, R. H., Patel, S., Kostic, A., Trail, P., Lowy, I., Kohrt, H.  
AMER SOC CLINICAL ONCOLOGY.2015
- **Distinct early response dynamics of circulating tumor DNA and circulating tumor cells during therapy of B-cell NHL.**  
Kurtz, D., Scherer, F., Green, M., Khodadoust, M., Klass, D. M., Zhou, L., Krishnan, R., Glover, C., Liu, C., Kong, K. A., Faham, M., Levy, R., Diehn, et al  
AMER SOC CLINICAL ONCOLOGY.2015
- **Phase I/II study of intratumoral injection of SD-101, an immunostimulatory CpG, and intratumoral injection of ipilimumab, an anti-CTLA-4 monoclonal antibody, in combination with local radiation in low-grade B-cell lymphomas.**  
Khodadoust, M., Chu, M., Czerwinski, D., McDonald, K., Long, S., Kohrt, H., Hoppe, R. T., Advani, R. H., Lowsky, R., Levy, R.  
AMER SOC CLINICAL ONCOLOGY.2015
- **A phase I study of PF-05082566 (anti-4-1BB) + rituximab in patients with CD20+NHL.**  
Gopal, A. K., Bartlett, N. L., Levy, R., Houot, R., Smith, S., Segal, N., Thall, A. D., Mugundu, G., Huang, B., Davis, C., Kohrt, H.  
AMER SOC CLINICAL ONCOLOGY.2015
- **Ibrutinib enhances the antitumor immune response induced by intratumoral injection of a TLR9 ligand in mouse lymphoma.** *Blood*  
Sagiv-Barfi, I., Kohrt, H. E., Burckhardt, L., Czerwinski, D. K., Levy, R.  
2015; 125 (13): 2079-2086
- **A roadmap for discovery and translation in lymphoma** *BLOOD*

- Weinstock, D. M., Dalla-Favera, R., Gascoyne, R. D., Leonard, J. P., Levy, R., Lossos, I. S., Melnick, A. M., Nowakowski, G. S., Press, O. W., Savage, K. J., Shipp, M. A., Staudt, L. M.  
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