

# Stanford

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## Dean W. Felscher

Professor of Medicine (Oncology) and of Pathology  
Medicine - Oncology

### CONTACT INFORMATION

- **Alternate Contact**

Leslie Quiroz

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**Tel** 650-725-6454

### Bio

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### ACADEMIC APPOINTMENTS

- Professor, Medicine - Oncology
- Professor, Pathology
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Faculty Fellow, Sarafan ChEM-H
- Member, Stanford Cancer Institute

### ADMINISTRATIVE APPOINTMENTS

- Director of Translational Research and Applied Medicine, Department of Medicine, Stanford University School of Medicine, (2011- present)
- Co-Director Cancer Nanotechnology Program, Department of Radiology, Stanford School of Medicine, (2016- present)
- Director of Admissions/Associate Director, Medical Scientist Training Program, (2017- present)
- Director of Advanced Residency Training Program, Stanford University School of Medicine, (2018- present)
- Co-Director of Spectrum KL2 Mentored Development Program, Stanford University, School of Medicine, (2019- present)

### HONORS AND AWARDS

- Elected Member, Association of American Physicians (2011)
- Translational Research Award, Burroughs Wellcome Trust (2005-2011)
- Elected Member, American Society of Clinical Investigation (2005)
- Clinical Investigator Award, Damon Runyon Foundation (2003-2008)
- Charles Carrington Prize, Stanford University (2002)
- Esther Ehrman Faculty Scholar Award, Stanford University (2000-2003)
- Physician Post-Doctoral Award, Howard Hughes Medical Institute (1997-1999)
- Emil Bogen Award, University of California, Los Angeles (1992)

- Honors, University of Chicago (1985)

## PROFESSIONAL EDUCATION

- BA, University of Chicago (1985)
- MD PhD, UCLA , Medicine/Molecular Biology (1992)

## LINKS

- Felsher Laboratory: [http://med.stanford.edu/labs/dean\\_felsher/](http://med.stanford.edu/labs/dean_felsher/)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

My laboratory studies how oncogenes such as MYC initiate and maintain cancer. In particular we have shown that shutting down oncogenes even for a brief time can reverse cancer or elicit "Oncogene Addiction"

For a recent review of our work please see: The MYC oncogene - the grand orchestrator of cancer growth and immune evasion Nature Reviews Clinical Oncology, 2022

Examples of project in my laboraory:

We are studying basic mechanisms of Oncogene Addiction: the role of Self-renewal/Stemness, Metabolism, Host Immune System, Protein Biogenesis, Microbiome, Extracellular Vesicles.

We are developing novel therapeutics using small molecules, nanoparticles, proteins/peptides that can be used to target oncogenes and/or restore the immune response against cancer.

We are developing new diagnostic and imaging methods such as PET, Mass Spec, Nanoproteomics.

### CLINICAL TRIALS

- Molecular Analysis of Thoracic Malignancies, Recruiting
- Antibiotic Therapy With or Without G-CSF in Treating Children With Neutropenia and Fever Caused by Chemotherapy, Not Recruiting
- Perfusion CT Monitoring to Predict Treatment Efficacy in Renal Cell Carcinoma, Not Recruiting
- Phase 2 Study of Atorvastatin Safety and Antitumor Effects in Non-Hodgkin's Lymphoma, Not Recruiting

## Teaching

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### COURSES

#### 2023-24

- Current Topics in Applied Medicine: MED 211 (Aut)
- MTRAM A: Translational Research Methods and Technologies: Cell Based Methods: MED 212A (Aut)
- Stanford CTSA Scholars Seminar: EPI 229 (Aut, Win, Spr)
- The A to Z of Translational Medicine: MED 251 (Aut)
- Translational Research and Applied Medicine: MED 121, MED 221 (Win)

### 2022-23

- Current Topics in Applied Medicine: MED 211 (Aut)
- MTRAM A: Translational Research Methods and Technologies: Cell Based Methods: MED 212A (Aut)
- Stanford CTSA Scholars Seminar: EPI 229 (Aut, Win, Spr)
- TR Technologies B - (Translational Proteomics): MED 212B (Win)
- Translational Research and Applied Medicine: MED 121, MED 221 (Aut, Win, Spr)

### 2021-22

- Stanford CTSA Scholars Seminar: EPI 229 (Aut, Win, Spr)
- Translational Research and Applied Medicine: MED 121, MED 221 (Aut, Win, Spr)

### 2020-21

- Translational Research and Applied Medicine: MED 121, MED 221 (Aut, Win, Spr)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Tejas Dharmaraj, Andrea Garofalo

### Postdoctoral Faculty Sponsor

Xinyu Chen, Alessia Felici, Vishnu Priya Kanakaveti, Selene Zhou

### Postdoctoral Research Mentor

Danielle Atibalentja, Xinyu Chen, Alessia Felici, Vishnu Priya Kanakaveti, Selene Zhou

## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)
- Immunology (Phd Program)
- Medicine (Masters Program)
- Oncology (Fellowship Program)

## Publications

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### PUBLICATIONS

- **MYC-driven synthesis of Siglec ligands is a glycoimmune checkpoint.** *Proceedings of the National Academy of Sciences of the United States of America*  
Smith, B. A., Deutzmann, A., Correa, K. M., Delaveris, C. S., Dhanasekaran, R., Dove, C. G., Sullivan, D. K., Wisnovsky, S., Stark, J. C., Pluvinaige, J. V., Swaminathan, S., Riley, N. M., Rajan, et al  
2023; 120 (11): e2215376120
- **MYC Overexpression Drives Immune Evasion in Hepatocellular Carcinoma that is Reversible Through Restoration of Pro-Inflammatory Macrophages.** *Cancer research*  
Dhanasekaran, R., Hansen, A. S., Park, J., Lemaitre, L., Lai, I., Adeniji, N., Kuruvilla, S., Suresh, A., Zhang, J., Swamy, V., Felsher, D. W.  
2022
- **MYC oncogene elicits tumorigenesis associated with embryonic, ribosomal biogenesis, and tissue-lineage dedifferentiation gene expression changes.** *Oncogene*  
Sullivan, D. K., Deutzmann, A., Yarbrough, J., Krishnan, M. S., Gouw, A. M., Bellovin, D. I., Adam, S. J., Liefwalker, D. F., Dhanasekaran, R., Felsher, D. W.  
2022
- **Na<sup>+</sup>/H<sup>+</sup>-exchanger 1 enhances antitumor activity of engineered NK-92 natural killer cells.** *Cancer research communications*  
Gong, Y., Shao, H., Li, Y., Brafford, P., Stine, Z. E., Sun, J., Felsher, D. W., Orange, J. S., Albelda, S. M., Dang, C. V.

2022; 2 (8): 842-856

- **Bi-steric mTORC1 inhibitor RMC-6272 synergizes with immune checkpoint inhibitors to induce sustained regression of MYC-driven hepatocellular carcinoma**  
Mahauad-Fernandez, W. D., Yang, Y. C., Lai, I., Park, J., Yao, L., Evans, J. W., Smith, J. A., Singh, M., Felsher, D. W.  
AMER ASSOC CANCER RESEARCH.2022
- **A more sensitive approach to cancer imaging using cancer-activated PET reporters**  
Harwig, A., Wang, M., Tong, L., Nieu, R., Vy Nguyen, Felsher, D., Suhy, D.  
AMER ASSOC CANCER RESEARCH.2022
- **Azapodophyllotoxin Causes Lymphoma and Kidney Cancer Regression by Disrupting Tubulin and Monoglycerols.** *ACS medicinal chemistry letters*  
Gouw, A. M., Kumar, V., Resendez, A., Alvina, F. B., Liu, N. S., Margulis, K., Tong, L., Zare, R. N., Malhotra, S. V., Felsher, D. W.  
2022; 13 (4): 615-622
- **Anti-PD-L1 F(ab) Conjugated PEG-PLGA Nanoparticle Enhances Immune Checkpoint Therapy.** *Nanotheranostics*  
Lee, C. K., Atibalentja, D. F., Yao, L. E., Park, J., Kuruvilla, S., Felsher, D. W.  
2022; 6 (3): 243-255
- **Tackling heterogeneity in treatment-resistant breast cancer using a broad-spectrum therapeutic approach.** *Cancer drug resistance (Alhambra, Calif.)*  
Lowe, L., LaValley, J. W., Felsher, D. W.  
2022; 5 (4): 917-925
- **Cyclic adenosine monophosphate/phosphodiesterase 4 pathway associated with immune infiltration and PD-L1 expression in lung adenocarcinoma cells.** *Frontiers in oncology*  
Tong, L., Shan, M., Zou, W., Liu, X., Felsher, D. W., Wang, J.  
2022; 12: 904969
- **DISTINCT IMMUNE MECHANISMS OF COMBINED PD-L1 AND CTLA-4 BLOCKADE IN HEPATOCELLULAR CARCINOMA (HCC)**  
Dhanasekaran, R., Hansen, A., Park, J., Lai, I., Adeniji, N., Kuruvilla, S., Felsher, D.  
WILEY.2021: 110A
- **The MYC oncogene - the grand orchestrator of cancer growth and immune evasion.** *Nature reviews. Clinical oncology*  
Dhanasekaran, R., Deutzmann, A., Mahauad-Fernandez, W. D., Hansen, A. S., Gouw, A. M., Felsher, D. W.  
2021
- **A bi-steric mTORC1 inhibitor that selectively reactivates 4EBP1 and induces regression of MYC-driven hepatocellular carcinoma.**  
Mahauad-Fernandez, W. D., Yang, Y. C., Lai, I., Park, J., Evans, J. W., Singh, M., Smith, J. A., Felsher, D. W.  
AMER ASSOC CANCER RESEARCH.2021
- **Twist1 is required for the development of UVB-induced squamous cell carcinoma.** *Molecular carcinogenesis*  
Eguarte-Solomon, F., Blazanin, N., Rho, O., Carbajal, S., Felsher, D. W., Tran, P. T., DiGiovanni, J.  
2021
- **Smart Self-Assembly Amphiphilic Cyclopeptide-Dye for Near-Infrared Window-II Imaging.** *Advanced materials (Deerfield Beach, Fla.)*  
Chen, H., Shou, K., Chen, S., Qu, C., Wang, Z., Jiang, L., Zhu, M., Ding, B., Qian, K., Ji, A., Lou, H., Tong, L., Hsu, et al  
2021: e2006902
- **A mathematical model of tumor regression and recurrence after therapeutic oncogene inactivation.** *Scientific reports*  
Hori, S. S., Tong, L. n., Swaminathan, S. n., Liebersbach, M. n., Wang, J. n., Gambhir, S. S., Felsher, D. W.  
2021; 11 (1): 1341
- **Generation of a Tetracycline Regulated Mouse Model of MYC-Induced T-Cell Acute Lymphoblastic Leukemia.** *Methods in molecular biology (Clifton, N.J.)*  
Mahauad-Fernandez, W. D., Rakhra, K., Felsher, D. W.  
2021; 2318: 297-312
- **Mitochondrial copper depletion suppresses triple-negative breast cancer in mice.** *Nature biotechnology*  
Cui, L., Gouw, A. M., LaGory, E. L., Guo, S., Attarwala, N., Tang, Y., Qi, J., Chen, Y., Gao, Z., Casey, K. M., Bazhin, A. A., Chen, M., Hu, et al  
2020

- **MYC ASO Impedes Tumorigenesis and Elicits Oncogene Addiction in Autochthonous Transgenic Mouse Models of HCC and RCC** *MOLECULAR THERAPY-NUCLEIC ACIDS*  
Dhanasekaran, R., Park, J., Yevtodiyyenko, A., Bellovin, D. I., Adam, S. J., Rajan, A., Gabay, M., Fernando, H., Arzeno, J., Arjunan, V., Gryanzov, S., Felsher, D. W.  
2020; 21: 850–59
- **MYC ASO Impedes Tumorigenesis and Elicits Oncogene Addiction in Autochthonous Transgenic Mouse Models of HCC and RCC.** *Molecular therapy. Nucleic acids*  
Dhanasekaran, R., Park, J., Yevtodiyyenko, A., Bellovin, D. I., Adam, S. J., Kd, A. R., Gabay, M., Fernando, H., Arzeno, J., Arjunan, V., Gryanzov, S., Felsher, D. W.  
2020; 21: 850–59
- **MYC functions as a switch for natural killer cell-mediated immune surveillance of lymphoid malignancies.** *Nature communications*  
Swaminathan, S., Hansen, A. S., Heftdal, L. D., Dhanasekaran, R., Deutzmann, A., Fernandez, W. D., Liefwalker, D. F., Horton, C., Mosley, A., Liebersbach, M., Maecker, H. T., Felsher, D. W.  
2020; 11 (1): 2860
- **O-GlcNAcylation is required for mutant KRAS-induced lung tumorigenesis.**  
Shiraishi, T., Tran, P. T., Malek, R., Lafargue, A., Barbhuiya, M., Wang, X., Simons, B., Ballew, M., Nugent, K., Groves, J., Williams, R., Wang, H., Verdone, et al  
AMER ASSOC CANCER RESEARCH.2020: 59
- **The gastrointestinal microbiota controls cancer cell intrinsic mechanisms to promote the progression of acute lymphoblastic leukemia.**  
Mahauad-Fernandez, W., Zlitni, S., Bhatt, A., Felsher, D.  
AMER ASSOC CANCER RESEARCH.2020: 58–59
- **The Key Characteristics of Carcinogens: Relationship to the Hallmarks of Cancer, Relevant Biomarkers, and Assays to Measure Them.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*  
Smith, M. T., Guyton, K. Z., Kleinstreuer, N., Borrel, A., Cardenas, A., Chiu, W. A., Felsher, D. W., Gibbons, C. F., Goodson, W. H., Houck, K. A., Kane, A., La Merrill, M. A., Lebec, et al  
2020
- **MYC and Twist1 cooperate to drive metastasis by eliciting crosstalk between cancer and innate immunity.** *eLife*  
Dhanasekaran, R., Baylot, V., Kim, M., Kuruvilla, S., Bellovin, D. I., Adeniji, N., Rajan Kd, A., Lai, I., Gabay, M., Tong, L., Krishnan, M., Park, J., Hu, et al  
2020; 9
- **Genomic analysis of Vascular Invasion in Hepatocellular Carcinoma (HCC) Reveals Molecular Drivers and Predictive Biomarkers.** *Hepatology (Baltimore, Md.)*  
Krishnan, M. S., Rajan Kd, A. n., Park, J. n., Arjunan, V. n., Garcia Marques, F. J., Bermudez, A. n., Girvan, O. A., Hoang, N. S., Yin, J. n., Nguyen, M. H., Kothary, N. n., Pitteri, S. n., Felsher, et al  
2020
- **The Myc and Ras Partnership in Cancer: Indistinguishable Alliance or Contextual Relationship?** *Cancer research*  
Mahauad-Fernandez, W. D., Felsher, D. W.  
2020
- **CROSS-SPECIES COMPREHENSIVE PROTEOMIC ANALYSIS OF HEPATOCELLULAR CARCINOMA (HCC) TO IDENTIFY PLASMA BIOMARKERS OF VASCULAR INVASION**  
Krishnan, M., Arjunan, V., Kothary, N., Felsher, D., Dhanasekaran, R.  
WILEY.2019: 74A
- **A Tale of Two Complications of Obesity: NASH and Hepatocellular Carcinoma** *HEPATOLOGY*  
Dhanasekaran, R., Felsher, D. W.  
2019; 70 (3): 1056–58
- **Oncogene MYC regulates lipogenesis essential for neoplastic growth**  
Margulis, K., Gouw, A., Liu, N., Felsher, D., Zare, R.  
AMER CHEMICAL SOC.2019
- **The MYC Oncogene Cooperates with Sterol-Regulated Element-Binding Protein to Regulate Lipogenesis Essential for Neoplastic Growth.** *Cell metabolism*

- Gouw, A. M., Margulis, K., Liu, N. S., Raman, S. J., Mancuso, A., Toal, G. G., Tong, L., Mosley, A., Hsieh, A. L., Sullivan, D. K., Stine, Z. E., Altman, B. J., Schulze, et al  
2019
- **MYC regulates the HIF-2alpha stemness pathway via Nanog and Sox2 to maintain self-renewal in cancer stem cells versus non-stem cancer cells.** *Cancer research*  
Das, B., Pal, B., Bhuyan, R., Li, H., Sarma, A., Gayan, S., Talukdar, J., Sandhya, S., Bhuyan, S., Gogoi, G., Gouw, A. M., Baishya, D., Gotlib, et al  
2019
  - **Mistletoe extract Fraxini inhibits the proliferation of liver cancer by down-regulating c-Myc expression** *SCIENTIFIC REPORTS*  
Yang, P., Jiang, Y., Pan, Y., Ding, X., Rhea, P., Ding, J., Hawke, D. H., Felsher, D., Narla, G., Lu, Z., Lee, R. T.  
2019; 9
  - **A Tale of Two Complications of Obesity: Nonalcoholic steatohepatitis (NASH) and Hepatocellular carcinoma (HCC).** *Hepatology (Baltimore, Md.)*  
Dhanasekaran, R., Felsher, D. W.  
2019
  - **Stabilization of the Max Homodimer with a Small Molecule Attenuates Myc-Driven Transcription.** *Cell chemical biology*  
Struntz, N. B., Chen, A., Deutzmann, A., Wilson, R. M., Stefan, E., Evans, H. L., Ramirez, M. A., Liang, T., Caballero, F., Wildschut, M. H., Neel, D. V., Freeman, D. B., Pop, et al  
2019
  - **Conditional Upregulation of IFN-# Alone Is Sufficient to Induce Systemic Lupus Erythematosus.** *Journal of immunology (Baltimore, Md. : 1950)*  
Akiyama, C. n., Tsumiyama, K. n., Uchimura, C. n., Honda, E. n., Miyazaki, Y. n., Sakurai, K. n., Miura, Y. n., Hashiramoto, A. n., Felsher, D. W., Shiozawa, S. n.  
2019
  - **Mebendazole for Differentiation Therapy of Acute Myeloid Leukemia Identified by a Lineage Maturation Index.** *Scientific reports*  
Li, Y. n., Thomas, D. n., Deutzmann, A. n., Majeti, R. n., Felsher, D. W., Dill, D. L.  
2019; 9 (1): 16775
  - **Mistletoe extract Fraxini inhibits the proliferation of liver cancer by down-regulating c-Myc expression.** *Scientific reports*  
Yang, P. n., Jiang, Y. n., Pan, Y. n., Ding, X. n., Rhea, P. n., Ding, J. n., Hawke, D. H., Felsher, D. n., Narla, G. n., Lu, Z. n., Lee, R. T.  
2019; 9 (1): 6428
  - **MYC Functions As a Master Switch for Natural Killer Cell-Mediated Immune Surveillance of Lymphoid Malignancies**  
Swaminathan, S., Heftdal, L., Liefwalker, D. F., Dhanasekaran, R., Deutzmann, A., Horton, C., Mosley, A., Liebersbach, M., Maecker, H. T., Felsher, D.  
AMER SOC HEMATOLOGY.2018
  - **Lipid nanoparticles that deliver IL-12 messenger RNA suppress tumorigenesis in MYC oncogene-driven hepatocellular carcinoma.** *Journal for immunotherapy of cancer*  
Lai, I., Swaminathan, S., Baylot, V., Mosley, A., Dhanasekaran, R., Gabay, M., Felsher, D. W.  
2018; 6 (1): 125
  - **O-GlcNAcylation is required for mutant KRAS-induced lung tumorigenesis** *JOURNAL OF CLINICAL INVESTIGATION*  
Taparra, K., Wang, H., Malek, R., Lafargue, A., Barbhuiya, M. A., Wang, X., Simons, B. W., Ballew, M., Nugent, K., Groves, J., Williams, R. D., Shiraishi, T., Verdone, et al  
2018; 128 (11): 4924–37
  - **The glutathione redox system is essential to prevent ferroptosis caused by impaired lipid metabolism in clear cell renal cell carcinoma** *ONCOGENE*  
Miess, H., Dankworth, B., Gouw, A. M., Rosenfeldt, M., Schmitz, W., Jiang, M., Saunders, B., Howell, M., Downward, J., Felsher, D. W., Peck, B., Schulze, A.  
2018; 37 (40): 5435–50
  - **MYC-driven lymphomas suppress NK surveillance by blocking maturation of early NK cells**  
Heftdal, L. D., Swaminathan, S., Felsher, D. W.  
AMER ASSOC CANCER RESEARCH.2018
  - **The MYC oncogene is a global regulator of the immune response** *BLOOD*  
Casey, S. C., Baylot, V., Felsher, D. W.  
2018; 131 (18): 2007–15

- **Administration of low-dose combination anti-CTLA4, anti-CD137, and anti-OX40 into murine tumor or proximal to the tumor draining lymph node induces systemic tumor regression** *CANCER IMMUNOLOGY IMMUNOTHERAPY*  
Hebb, J. O., Mosley, A. R., Vences-Catalan, F., Rajasekaran, N., Rosen, A., Ellmark, P., Felsher, D. W.  
2018; 67 (1): 47–60
- **Anti-miR-17 therapy delays tumorigenesis in MYC-driven hepatocellular carcinoma (HCC).** *Oncotarget*  
Dhanasekaran, R. n., Gabay-Ryan, M. n., Baylot, V. n., Lai, I. n., Mosley, A. n., Huang, X. n., Zabludoff, S. n., Li, J. n., Kaimal, V. n., Karmali, P. n., Felsher, D. W.  
2018; 9 (5): 5517–28
- **MYC through HIF-2 alpha regulates the altruistic stemness program in human leukemia stem cells.**  
Pal, B., Sarma, A., Talukdar, J., Bhuyan, S., Sandhya, S., Gayan, S., Gogoi, G., Baishya, D., Kataki, A., Felsher, D. W., Das, B.  
AMER ASSOC CANCER RESEARCH.2017: 61–62
- **MYC is the master switch between tumor dormancy and relapse in Hepatocellular carcinoma (HCC)**  
Dhanasekaran, R., Baylot, V., Mosley, A., Felsher, D.  
WILEY.2017: 966A
- **DNMT3B overexpression contributes to aberrant DNA methylation and MYC-driven tumor maintenance in T-ALL and Burkitt's lymphoma** *ONCOTARGET*  
Poole, C. J., Zheng, W., Lodh, A., Yevtodiynenko, A., Liefwalker, D., Li, H., Felsher, D. W., van Riggelen, J.  
2017; 8 (44): 76898–920
- **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
- **MYC activation cooperates with Vhl and Ink4a/Arf loss to induce clear cell renal cell carcinoma** *NATURE COMMUNICATIONS*  
Bailey, S. T., Smith, A. M., Kardos, J., Wobker, S. E., Wilson, H. L., Krishnan, B., Saito, R., Lee, H., Zhang, J., Eaton, S. C., Williams, L. A., Manocha, U., Peters, et al  
2017; 8: 15770
- **Oncogene KRAS activates fatty acid synthase, resulting in specific ERK and lipid signatures associated with lung adenocarcinoma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Gouw, A. M., Eberlin, L. S., Margulis, K., Sullivan, D. K., Toal, G. G., Tong, L., Zare, R. N., Felsher, D. W.  
2017; 114 (17): 4300-4305
- **MYC: Master Regulator of Immune Privilege.** *Trends in immunology*  
Casey, S. C., Baylot, V., Felsher, D. W.  
2017
- **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.** *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  
2016; 50: 123-131
- **BIM-mediated apoptosis and oncogene addiction.** *Aging*  
Li, Y., Deutzmann, A., Felsher, D. W.  
2016; 8 (9): 1834-1835
- **Affordable Cancer Medications Are Within Reach but We Need a Different Approach.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Felsher, D. W., Lowe, L.  
2016; 34 (18): 2194-5
- **Metabolic vulnerabilities of MYC-induced cancer** *ONCOTARGET*  
Gouw, A. M., Toal, G. G., Felsher, D. W.  
2016; 7 (21): 29879–80

- **BIM mediates oncogene inactivation-induced apoptosis in multiple transgenic mouse models of acute lymphoblastic leukemia** *ONCOTARGET*  
Li, Y., Deutzmann, A., Choi, P. S., Fan, A. C., Felsher, D. W.  
2016; 7 (19): 26926-26934
- **BIM mediates oncogene inactivation-induced apoptosis in multiple transgenic mouse models of acute lymphoblastic leukemia.** *Oncotarget*  
Li, Y., Deutzmann, A., Choi, P. S., Fan, A. C., Felsher, D. W.  
2016
- **MYC regulates the antitumor immune response through CD47 and PD-L1** *SCIENCE*  
Casey, S. C., Tong, L., Li, Y., Do, R., Walz, S., FitzGerald, K. N., Gouw, A. M., Baylot, V., Guetgemann, I., Eilers, M., Felsher, D. W.  
2016; 352 (6282): 227-231
- **NAFLD causes selective CD4(+) T lymphocyte loss and promotes hepatocarcinogenesis** *NATURE*  
Ma, C., Kesarwala, A. H., Eggert, T., Medina-Echeverz, J., Kleiner, D. E., Jin, P., Stroncek, D. F., Terabe, M., Kapoor, V., ElGindi, M., Han, M., Thornton, A. M., Zhang, et al  
2016; 531 (7593): 253-?
- **Cancer prevention and therapy through the modulation of the tumor microenvironment.** *Seminars in cancer biology*  
Casey, S. C., Amedei, A., Aquilano, K., Azmi, A. S., Benencia, F., Bhakta, D., Bilsland, A. E., Boosani, C. S., Chen, S., Ciriolo, M. R., Crawford, S., Fujii, H., Georgakilas, et al  
2015; 35: S199-223
- **Cancer prevention and therapy through the modulation of the tumor microenvironment.** *Seminars in cancer biology*  
Casey, S. C., Amedei, A., Aquilano, K., Azmi, A. S., Benencia, F., Bhakta, D., Bilsland, A. E., Boosani, C. S., Chen, S., Ciriolo, M. R., Crawford, S., Fujii, H., Georgakilas, et al  
2015; 35: S199-223
- **Designing a broad-spectrum integrative approach for cancer prevention and treatment** *SEMINARS IN CANCER BIOLOGY*  
Block, K. I., Gyllenhaal, C., Lowe, L., Amedei, A., Amin, A. R., Amin, A., Aquilano, K., Arbiser, J., Arreola, A., Arzumanyan, A., Ashraf, S. S., Azmi, A. S., Benencia, et al  
2015; 35: S276-S304
- **MYC Disrupts the Circadian Clock and Metabolism in Cancer Cells.** *Cell metabolism*  
Altman, B. J., Hsieh, A. L., Sengupta, A., Krishnanaiah, S. Y., Stine, Z. E., Walton, Z. E., Gouw, A. M., Venkataraman, A., Li, B., Goraksha-Hicks, P., Diskin, S. J., Bellovin, D. I., Simon, et al  
2015; 22 (6): 1009-1019
- **ARF: Connecting senescence and innate immunity for clearance** *AGING-US*  
Kearney, A. Y., Anchang, B., Plevritis, S., Felsher, D. W.  
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