Stanford



Kavita Sarin, MD, PhD

Professor of Dermatology

CLINICAL OFFICE (PRIMARY)

- **Stanford Primary Care Portola Valley**
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  Portola Valley, CA 94028
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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Juniper Hoeft Aho - Administrative Assistant
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Bio

BIO

Kavita Sarin, M.D./Ph.D., is a Professor of Dermatology and is the Director of the Stanford Skin Cancer Genetics Program at the Stanford Cancer Institute. She has an academic interest in Precision Medicine, focused on the integration of genetic and clinical patient data to inform susceptibility, prognosis, and treatments in skin cancer and other rare dermatologic disorders. Her lab applies cutting-edge sequencing and imaging technologies to better understand skin cancer and rare immunologic skin diseases. She sees patients in medical dermatology at Portola Valley and the Stanford Cancer Institute.

CLINICAL FOCUS

- Dermatology
- Bioinformatics
- Basal Cell Carcinoma
- Precision Dermatology
- Skin Cancers
- Genetic Skin Disease
- hidradenitis
- Neurofibromatosis Type 1

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Dermatology
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Franklin G. Ebaugh, Jr. Award for Excellence in Advising Medical Students, Stanford University School of Medicine (2024)

- Damon Runyon Clinical Investigator Award, Damon Runyon (2019-2022)
- Department of Dermatology Letter of Teaching Distinction, Stanford University (2019-2020)
- K23 NCI Career Development Award, National Institutes of Health (2017-2022)
- Medical Dermatology Career Development Award, Dermatology Foundation (2014-2017)
- F32 NRSA Ruth L. Kirschstein National Research Service Award, National Institutes of Health (2013-2014)
- Translational Research and Medicine Award, Stanford University (2013-2014)
- Medical Scientist Training Program Scholarship, National Institutes of Health (2000-2008)
- President's Scholar, Stanford University (1996-2000)
- Unsung Hero Award, NBC (1996)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Stanford Center for Population Health Sciences (2015 - present)
- Member, Stanford Cancer Institute (2015 - present)
- Member, American Society for Human Genetics (2019 - present)
- Member, Children's Health Research Institute (2017 - present)
- Fellow, American Academy of Dermatology (2009 - present)
- Member, Society of Investigative Dermatology (2014 - present)

PROFESSIONAL EDUCATION

- Internship: Santa Clara Valley Medical Center Dept of Medicine (2009) CA
- Residency: Stanford University Dept of Dermatology (2012) CA
- Board Certification: Dermatology, American Board of Dermatology (2012)
- Medical Education: Stanford University Medical Center (2008) CA
- PhD, Stanford University- Dept of Genetics , CA (2006)
- BS, Stanford University- Computer Science , CA (2000)

LINKS

- Kavita Sarin Lab: https://www.sarinlab.com
- How to use big data to treat and manage diseases: http://dermatologytimes.modernmedicine.com/dermatology-times/news/how-use-big-data-treat-and-manage-diseases
- Behind method for activating adult stem cells, a shaggy-mouse story: http://news.stanford.edu/news/2005/august24/mice-082405.html
- Is telomerase moonlighting?: http://www.the-scientist.com/?articles.view/articleNo/16711/title/Is-telomerase-moonlighting-/#.VtPX0RCxO3s.mailto

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research encompasses two main areas: 1) Using next-generation RNA, whole genome, and exome sequencing, we are investigating the genetic alterations involved in skin cancer progression, response to therapy, and other clinical outcomes and 2) We are developing and implementing genome-wide genetic risk prediction assessments for skin cancer into clinical use and studying the impact of this information on patient care.

CLINICAL TRIALS

- Computational Drug Repurposing for All EBS Cases, Recruiting
- Efficacy and Safety of Patidegib Gel 2% for Preventing Basal Cell Carcinomas on the Face of Adults With Gorlin Syndrome, Not Recruiting

- Topical Remetinostat Gel as Neoadjuvant Therapy in Patients With Squamous Cell Carcinoma (SCC), Not Recruiting
- Topical Remetinostat in Treating Patient With Cutaneous Basal Cell Cancer, Not Recruiting

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Leonora Akporyoe, Michelle Lin, Haniyah Shareef, Caroline Yao, Chenming Zheng

Postdoctoral Faculty Sponsor

Audris Chiang, Ssuyu Yeh

Publications

PUBLICATIONS

- **Noninvasive virtual biopsy using micro-registered optical coherence tomography (OCT) in human subjects.** *Science advances*
  Winetraub, Y., Van Vleck, A., Yuan, E., Terem, I., Zhao, J., Yu, C., Chan, W., Do, H., Shevidi, S., Mao, M., Yu, J., Hong, M., Blankenberg, et al
  2024; 10 (15): eadi5794
- **Dermatology Advances Into an Era of Precision Medicine.** *JAMA dermatology*
  Wang, J. Y., Sarin, K. Y.
  2021
- **Genome-wide meta-analysis identifies eight new susceptibility loci for cutaneous squamous cell carcinoma.** *Nature communications*
  Sarin, K. Y., Lin, Y. n., Daneshjou, R. n., Ziyatdinov, A. n., Thorleifsson, G. n., Rubin, A. n., Pardo, L. M., Wu, W. n., Khavari, P. A., Uitterlinden, A. n., Nijsten, T. n., Toland, A. E., Olafsson, et al
  2020; 11 (1): 820
- **Phenotypic heterogeneity of neurofibromatosis type 1 in a large international registry.** *JCI insight*
  Tabata, M. M., Li, S. n., Knight, P. n., Bakker, A. n., Sarin, K. Y.
  2020; 5 (16)
- **Genetic Mutations Underlying Phenotypic Plasticity in Basosquamous Carcinoma** *Journal of INVESTIGATIVE DERMATOLOGY | Original Article | Carcinogenesis/Tumorigenesis*
  Chiang, A., Tan, C. Z., Kuonen, F., Hodgkinson, L. M., Chiang, F., Cho, R. J., South, A. P., Tang, J. Y., Chang, A. S., Rieger, K. E., Oro, A. E., Sarin, K. Y.
  2019; 139 (11): 2263-2271. E5
- **Identification of Atorvastatin for Moderate to Severe Hidradenitis through Drug Repositioning Using Public Gene Expression Datasets** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Kuo, K. Y., Cho, H., Sarin, K. Y.
  2018; 138 (5): 1209–12
- **Detecting Chemotherapeutic Skin Adverse Reactions in Social Health Networks Using Deep Learning.** *JAMA oncology*
  Ransohoff, J. D., Nikfarjam, A. n., Jones, E. n., Loew, B. n., Kwong, B. Y., Sarin, K. Y., Shah, N. H.
  2018; 4 (4): 581–83
- **Postzygotic Mutations in Beta-Actin are Associated with Becker's Nevus and Becker's Nevus Syndrome.** *journal of investigative dermatology*
  Cai, E. D., Sun, B. K., Chiang, A., Rogers, A., Bernet, L., Cheng, B., Teng, J., Rieger, K. E., Sarin, K. Y.
  2017
- **Two-stage genome-wide association study identifies a novel susceptibility locus associated with melanoma.** *Oncotarget*
  Ransohoff, K. J., Wu, W., Cho, H. G., Chahal, H. C., Lin, Y., Dai, H., Amos, C. I., Lee, J. E., Tang, J. Y., Hinds, D. A., Han, J., Wei, Q., Sarin, et al
  2017
- **Genomic Stability in Syndromic Basal Cell Carcinoma.** *The Journal of investigative dermatology*
  Chiang, A. n., Jaju, P. D., Batra, P. n., Rezaee, M. n., Epstein, E. H., Tang, J. Y., Sarin, K. Y.

2017

- **Identification of Alpha-Adrenergic Agonists as Potential Therapeutic Agents for Dermatomyositis through Drug-Repurposing Using Public Expression Datasets.** *journal of investigative dermatology*
  Cho, H. G., Fiorentino, D., Lewis, M., Sirota, M., Sarin, K. Y.
  2016; 136 (7): 1517-1520

- **Genome-wide association study identifies 14 novel risk alleles associated with basal cell carcinoma.** *Nature communications*
  Chahal, H. S., Wu, W., Ransohoff, K. J., Yang, L., Hedlin, H., Desai, M., Lin, Y., Dai, H., Qureshi, A. A., Li, W., Kraft, P., Hinds, D. A., Tang, et al
  2016; 7: 12510-?

- **Genome-wide association study identifies novel susceptibility loci for cutaneous squamous cell carcinoma.** *Nature communications*
  Chahal, H. S., Lin, Y., Ransohoff, K. J., Hinds, D. A., Wu, W., Dai, H., Qureshi, A. A., Li, W., Kraft, P., Tang, J. Y., Han, J., Sarin, K. Y.
  2016; 7: 12048-?

- **Mutations in the Kinetochore Gene KNSTRN in Basal Cell Carcinoma.** *journal of investigative dermatology*
  Jaju, P. D., Nguyen, C. B., Mah, A. M., Atwood, S. X., Li, J., Zia, A., Chang, A. L., Oro, A. E., Tang, J. Y., Lee, C. S., Sarin, K. Y.
  2015; 135 (12): 3197-3200

- **Squamous Change in Basal-Cell Carcinoma with Drug Resistance** *NEW ENGLAND JOURNAL OF MEDICINE*
  Ransohoff, K. J., Tang, J. Y., Sarin, K. Y.
  2015; 373 (11): 1079-1082

- **Smoothened variants explain the majority of drug resistance in Basal cell carcinoma.** *Cancer cell*
  Atwood, S. X., Sarin, K. Y., Whitson, R. J., Li, J. R., Kim, G., Rezaee, M., Ally, M. S., Kim, J., Yao, C., Chang, A. L., Oro, A. E., Tang, J. Y.
  2015; 27 (3): 342-353

- **New Approaches to Clinical Trials for Rare Diseases: Decentralized Trial Design for Neurofibromatosis Type 1 and Schwannomatosis.** *Cancers*
  Merker, V. L., Ahlawat, S., Avery, R. A., Bradford, D., Gross, A. M., Janusz, J., Lessing, A. J., Manth, L., McManus, M. L., Oberlander, B., Pichard, D. C., Riter, W., Sarin, et al
  2026; 18 (15)

- **Phenotypic characterization of neurofibromatosis type 1 in a large Chinese cohort: A cross-sectional study.** *JAAD international*
  Wang, Z., Hu, X., Mo, H., Shen, M., Romo, C. G., Vera, K., Liu, Z., Li, Q., Li, C., Sarin, K. Y.
  2026; 24: 181-190

- **Limited Insurance Coverage for Wigs: A Cross-sectional Analysis of Wig Providers in the Bay Area.** *Journal of the American Academy of Dermatology*
  Caravan, S., Akras, D., Shareef, H., Abdusamad, R., Sarin, K. Y.
  2026

- **Achieving Optical Transparency in Human Skin with Absorbing Molecules**
  Myung, D., Zhao, S., Manning, E. C. H., Brongersma, M., Winetraub, Y., Sarin, K., Hong, G.
  edited by Tuchin, V. V., Leahy, M. J., Wang, R. K.
  SPIE-INT SOC OPTICAL ENGINEERING.2026

- **Dissection of Gαs and Hedgehog Signaling Crosstalk Reveals Therapeutic Opportunities to Target Hedgehog-Dependent Tumors.** *Cancer research*
  Krantz, S., Bell, B. A., Lund, K., Salinas Parra, N., Ng, Y., De Oliveira Rosa, N., Mukhopadhyay, S., St Croix, B., Sarin, K. Y., Weigert, R., Raimondi, F., Iglesias-Bartolome, R.
  2025

- **Phenotypic characterization of neurofibromatosis type 1 in a large Chinese cohort: A cross-sectional study** *JAAD INTERNATIONAL*
  Wang, Z., Hu, X., Mo, H., Shen, M., Romo, C. G., Vera, K., Liu, Z., Li, Q., Li, C., Sarin, K. Y.
  2026; 24: 181-190

- **Stigmatization related to cutaneous neurofibromas in neurofibromatosis 1: Development, validation and severity strata of the cNF-PUSH-D.** *The British journal of dermatology*
  Fertitta, L., Sarin, K. Y., Romo, C. G., Bergqvist, C., Blakeley, J. O., Peiffer, B., Tran, V., Armand, M., Moryousef, S., Ferkal, S., Le Corvoisier, P., Ezzedine, K., Wolkenstein, et al

2025

- **How do flares impact psychosocial outcomes in patients with Hidradenitis Suppurativa (HS)?**
  Caravan, S., Andres-Terre, H., Harbour, V., Tran, T., Ramos, J., Kilgour, J., Yekrang, K., Zaba, L., Aleshin, M., Ndlovu, M., Sarin, K.
  ELSEVIER SCIENCE INC.2025
- **Measurement of the severity related to cutaneous neurofibromas in neurofibromatosis type 1: development and validation of the Nef-ASI.** *Journal of the American Academy of Dermatology*
  Fertitta, L., Jannic, A., Bergqvist, C., Delique, V., Armand, M. L., Moryousef, S., Ferkal, S., Zehou, O., Ayache, H., Le Corvoisier, P., Audureau, E., Hebrard, B., Lunati-Rozie, et al
  2025
- **Immune Cell Signatures Associated with Disease Activity in Dermatomyositis Across Autoantibody Subtypes**
  Sagun, J., Leeolou, M., Geraci, N., Bender, A., Strand, F., Fiorentino, D., Sarin, K.
  WILEY.2025: 3976-3977
- **The P2X7-NLRP3 inflammasome inhibitor AZD9056 has no significant effect on hidradenitis suppurativa clinical disease activity but restores cytokine production in peripheral blood mononuclear cells: results of a phase 2 trial.** *Journal of the American Academy of Dermatology*
  Kilgour, J. M., Landy, H., Kimball, A. B., Resnik, B. I., Anadkat, M. J., Dhawan, S., de Souza, M., Sarin, K. Y.
  2025
- **Biosimilars in dermatology: New opportunities and obstacles** *JAAD INTERNATIONAL*
  Leeolou, M. C., Jia, J. L., Sarin, K. Y.
  2025; 21: 32-33
- **Biosimilars in dermatology: New opportunities and obstacles.** *JAAD international*
  Leeolou, M. C., Jia, J. L., Sarin, K. Y.
  2025; 21: 32-33
- **Clinical and Pathologic Phenotyping of mesotheliomas developing in carriers of Germline BAP1 Mutations.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
  Carbone, M., Minaai, M., Kittaneh, M., Krausz, T., Miettinen, M. M., Hammarström, Q. P., Hammarström, L., Abolhassani, H., Pagano, I., Xu, R., Novelli, F., Gaudino, G., Pastorino, et al
  2025
- **Ethical challenges of non-medical switching and biosimilar substitution.** *Journal of the American Academy of Dermatology*
  Leeolou, M. C., Jia, J. L., Sarin, K. Y.
  2025
- **Neuroendocrine cells orchestrate regeneration through Desert hedgehog signaling.** *Cell*
  Kong, W., Lu, W. J., Dubey, M., Suryawanshi, R. K., Vijayakumar, S., Jeong, Y., Gombar, S., Diehn, M., Shin, K., Ott, M., Chien, Y. H., Sarin, K. Y., Desai, et al
  2025
- **Inconsistent housing support for oncologic patients at NCI-Designated Cancer Centers.**
  Adams-Mardi, C., Mills, D., Jia, J., Sarin, K. Y.
  LIPPINCOTT WILLIAMS & WILKINS.2025: e13520
- **Patient-Centered Research Through Artificial Intelligence to Identify Priorities in Cancer Care.** *JAMA oncology*
  Kim, J., Chen, M. L., Rezaei, S. J., Ramirez-Posada, M., Caswell-Jin, J. L., Kurian, A. W., Riaz, F., Sarin, K. Y., Tang, J. Y., Asch, S. M., Linos, E.
  2025
- **Age-dependent cytokine surge in blood precedes cancer diagnosis.** *Proceedings of the National Academy of Sciences of the United States of America*
  Chen, G., Mohsin, A., Zheng, H., Rosenberg-Hasson, Y., Padilla, C., Sarin, K. Y., Dekker, C. L., Grant, P., Maecker, H. T., Lu, Y., Furman, D., Shen-Orr, S., Khatri, et al
  2025; 122 (12): e2420502122
- **Navigating patient access to treatment: a focus on pharmaceutical drug samples.** *Journal of the American Academy of Dermatology*
  Leeolou, M. C., Jia, J. L., Sarin, K. Y.

2025

- **Dissection of Gαs and Hedgehog signaling crosstalk reveals therapeutic opportunities to target adenosine receptor 2b in Hedgehog-dependent tumors.** *bioRxiv : the preprint server for biology*
  Krantz, S., Bell, B., Lund, K., Parra, N. S., Ng, Y., De Oliveira Rosa, N., Mukhopadhyay, S., Croix, B. S., Sarin, K. Y., Weigert, R., Raimondi, F., Iglesias-Bartolome, R.
  2025
- **Barriers to Health Care Affordability Among Parents of Children with Atopic Dermatitis.** *Dermatitis : contact, atopic, occupational, drug*
  Youn, C. G., Bae, G. H., Honari, G., Chen, J. K., Sarin, K. Y., Siegel, D. H.
  2025
- **Identification of activating hotspot mutations in acrochordons through next-generation sequencing** *JAAD INTERNATIONAL*
  Jia, J. L., Wang, J. Y., Chan, W. H., Lanoue, J., Do, H., Rieger, K. E., Hollmig, S., Sarin, K. Y.
  2025; 18: 17-19
- **Identification of activating hotspot mutations in acrochordons through next-generation sequencing.** *JAAD international*
  Jia, J. L., Wang, J. Y., Chan, W. H., Lanoue, J., Do, H., Rieger, K. E., Hollmig, S. T., Sarin, K. Y.
  2025; 18: 17-19
- **Clinical Practice Guidelines for the Management of Basal Cell Carcinoma in Gorlin Syndrome** *Journal of the American Academy of Dermatology*
  Cahn, B. A., et al
  2025; In press
- **When savings fall short: drug coupons for generic prescriptions do not always result in savings for patients.** *Journal of the American Academy of Dermatology*
  Leeolou, M. C., Jia, J. L., Pham, D., Sarin, K. Y.
  2024
- **Multiomics Profiling Distinguishes Sebaceous Carcinoma from Benign Sebaceous Neoplasms and Provides Insight into the Genetic Evolution of Sebaceous Carcinogenesis.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
  Starrett, G. J., Baikie, B. C., Stoff, B. K., Grossniklaus, H. E., Van Buren, I., Berry, E. G., Novoa, R. A., Rieger, K. E., Sarin, K. Y., Lynch, C. F., Royer, M. C., Piaskowski, M. L., Brownell, et al
  2024: OF1-OF13
- **TLR7/8 Activation in Immune Cells and Muscle by RNA-Containing Immune Complexes: Role in Inflammation and the Pathogenesis of Myositis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Wu, Y., Deshpande, A., Geraci, N., Budde, P., Sellers, V., Velisetty, P., Sun, C. C., Strand, F., Bhavsar, C., Niewold, T. B., Jensen, M. A., Kalatskaya, I., Sarin, et al
  2024
- **IFI27 Is Differentially Upregulated in Anti-MDA5 Dermatomyositis and Correlates with the Presence of Interstitial Lung Disease**
  Leeolou, M., Chung, L., Sarin, K., Fiorentino, D.
  WILEY.2024: 642-643
- **Cutaneous Neurofibromas and Quality of Life in Adults With Neurofibromatosis Type 1.** *JAMA dermatology*
  Lin, M. J., Yao, H., Vera, K., Patel, E., Johnson, M., Caroline, P., Ramos, J., Mehta, J., Hu, X., Blakeley, J. O., Romo, C. G., Sarin, K. Y.
  2024
- **Unveiling the genetic landscape of hereditary melanoma: From susceptibility to surveillance.** *Cancer treatment and research communications*
  Zheng, C., Sarin, K. Y.
  2024; 40: 100837
- **Germline BARD1 variants predispose to mesothelioma by impairing DNA repair and calcium signaling.** *Proceedings of the National Academy of Sciences of the United States of America*
  Novelli, F., Yoshikawa, Y., Vitto, V. A., Modesti, L., Minaai, M., Pastorino, S., Emi, M., Kim, J. H., Kricek, F., Bai, F., Onuchic, J. N., Bononi, A., Suarez, et al
  2024; 121 (29): e2405231121
- **Analysing common topics of secure patient messages in hidradenitis suppurativa: a text-embedding and natural language-processing approach.** *The British journal of dermatology*

Chen, M. L., Kim, J., Naik, H. B., Aleshin, M. A., Sarin, K. Y., Barnes, L. A., Linos, E.
2024

- **Parental E-Cigarette Use and Pediatric Atopic Dermatitis.** *JAMA dermatology*
  Youn, G. M., Sarin, K. Y., Chiou, A. S., Chen, J. K., Honari, G.
  2024
- **Effect of NFX-179 MEK inhibitor on cutaneous neurofibromas in persons with neurofibromatosis type 1.** *Science advances*
  Sarin, K. Y., Bradshaw, M., O'Mara, C., Shahryari, J., Kincaid, J., Kempers, S., Tu, J. H., Dhawan, S., DuBois, J., Wilson, D., Horwath, P., de Souza, M. P., Powala, et al
  2024; 10 (18): eadk4946
- **Filling the Prescription Gap: The Value of Community Support in Psoriasis Management.** *The British journal of dermatology*
  Leeolou, M. C., Sarin, K. Y., Fiorentino, D. F.
  2024
- **Impaired innate and adaptive immune responses to BNT162b2 SARS-CoV-2 vaccination in systemic lupus erythematosus.** *JCI insight*
  Sarin, K. Y., Zheng, H., Chaichian, Y., Arunachalam, P. S., Swaminathan, G., Eschholz, A., Gao, F., Wirz, O. F., Lam, B., Yang, E., Lee, L. W., Feng, A., Lewis, et al
  2024; 9 (5)
- **Toward risk stratification and personalized therapy for neurofibromas in neurofibromatosis type 1.** *The British journal of dermatology*
  Romo, C. G., Sarin, K. Y., Blakeley, J. O.
  2023
- **A core outcome domain set to assess cutaneous neurofibromas related to neurofibromatosis type 1 in clinical trials.** *The British journal of dermatology*
  Fertitta, L., Bergqvist, C., Sarin, K., Plotkin, S. R., Moertel, C., Petersen, A. J., Cannon, A., Berman, Y., Pichard, D. C., Röhl, C., Lessing, A., Brizion, B., Peiffer, et al
  2023
- **Development of a MEK inhibitor, NFX-179, as a chemoprevention agent for squamous cell carcinoma.** *Science translational medicine*
  Sarin, K. Y., Kincaid, J., Sell, B., Shahryari, J., Duncton, M. A., Morefield, E., Sun, W., Prieto, K., Chavez-Chiang, O., de Moran Segura, C., Nguyen, J., Bronson, R. T., Plotkin, et al
  2023; 15 (717): eade1844
- **Development of a digital tool for home-based monitoring of skin disease for older adults.** *Skin health and disease*
  van Egmond, S., Cai, Z. R., Nava, V., Joy de Vere Hunt, I., Rapaport, B. R., Ko, J., Chiou, A. S., Sarin, K., Tang, J., Zhang, L., Linos, E.
  2023; 3 (5): e235
- **Toll-Like Receptor 7/8 Activation of Immune and Non-Immune Cells in Muscle by RNA-Containing Immune Complexes Can Contribute to Inflammation and the Pathogenesis of Myositis**
  Wu, Y., Deshpande, A., Geraci, N., Sellers, V., Velisetty, P., Fiorentino, D., Sarin, K. Y., Bender, A.
  WILEY.2023: 3894-3896
- **Hidradenitis suppurativa and Ehlers-Danlos syndrome: A case-control study.** *JAAD international*
  Hua, V. J., Li, S., Sarin, K. Y., Aleshin, M.
  2023; 12: 70-71
- **Cross-comparison of inflammatory skin disease transcriptomics identifies PTEN as a pathogenic disease classifier in cutaneous lupus erythematosus.** *The Journal of investigative dermatology*
  Aevermann, B. D., Di Domizio, J., Olah, P., Saidoune, F., Armstrong, J. M., Bachelez, H., Barker, J., Haniffa, M., Julia, V., Juul, K., Krishnaswamy, J. K., Litman, T., Parsons, et al
  2023
- **A Call for Discovery and Therapeutic Development for Cutaneous Neurofibromas.** *The Journal of investigative dermatology*
  Blakeley, J. O., Le, L. Q., Lee, S. Y., Ly, I., Rhodes, S. D., Romo, C. G., Sarin, K. Y., Staedtke, V., Steensma, M. R., Wolkenstein, P.
  2023
- **Advances in cutaneous squamous cell carcinoma.** *Nature reviews. Cancer*
  Winge, M. C., Kellman, L. N., Guo, K., Tang, J. Y., Swetter, S. M., Aasi, S. Z., Sarin, K. Y., Chang, A. L., Khavari, P. A.

2023

- **Perspectives of adolescents with neurofibromatosis 1 and cutaneous neurofibromas: Implications for clinical trials.** *Clinical trials (London, England)*
  Cannon, A., Sarin, K. Y., Petersen, A. K., Pichard, D. C., Wolters, P. L., Erickson, G., Lessing, A. J., Li, P., Rohl, C., Rosser, T., Widemann, B. C., Blakeley, J. O., Plotkin, et al
  2023: 17407745231178839

- **RAS Signaling Gone Awry in the Skin: The Complex Role of RAS in Cutaneous Neurofibroma Pathogenesis, Emerging Biological Insights.** *The Journal of investigative dermatology*
  Rhodes, S. D., McCormick, F., Cagan, R. L., Bakker, A., Staedtke, V., Ly, I., Steensma, M. R., Lee, S. Y., Romo, C. G., Blakeley, J. O., Sarin, K. Y.
  2023

- **cNF-Skindex in adults living with Neurofibromatosis 1: severity strata in France and validation in US adults.** *The Journal of investigative dermatology*
  Fertitta, L., Sarin, K. Y., Bergqvist, C., Patel, E., Peiffer, B., Moryousef, S., Armand, M., Jannic, A., Ferkal, S., Ravaud, P., Tran, V., Blakeley, J. O., Romo, et al
  2023

- **The type 1 interferon signature reflects multiple phenotypic and activity measures in dermatomyositis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Tabata, M. M., Hodgkinson, L. M., Wu, T. T., Li, S., Huard, C., Zhao, S., Bennett, D., Johnson, J., Tierney, C., He, W., Buhlmann, J. E., Page, K. M., Johnson, et al
  2023

- **Association of multiple primary melanomas with malignancy risk: A population-based analysis of entries from the Surveillance, Epidemiology, and End Results program database during 1973-2014** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Cai, E. D., Swetter, S. M., Sarin, K. Y.
  2023; 88 (5): e211-e219

- **Modulation of Inflammatory Proteins in Serum May Reflect Cutaneous Immune Responses in Cancer Immunotherapy.** *JID innovations : skin science from molecules to population health*
  Han, J., Correa da Rosa, J., Agarwal, A., Owji, S., Yassky, D., Luu, Y., Shah, A., Estrada, Y., Ungar, J., Sarin, K. Y., Krueger, J. G., Gulati, N.
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- Development of a topical Mek inhibitor gel for the treatment of cutaneous neurofibroma - 2020 European Neurofibromatosis Virtual Conference (12/2020)
- Trial Development of topical MEK Inhibitor, NFX-179, for the treatment of cutaneous neurofibromas in Neurofibromatosis Type 1. - Children’s Tumor Foundation 2020 Virtual NF Conference (6/2020)
- Chinks in the armour: skin cancer as a paradigm for understanding oncogenesis? - UCI Skin Biology Resource Center Distinguished Speaker Series (11/2019)
- Challenges and strategies towards investigating mosaicism in children and adults - London International Mosaicism Symposium (11/2019)
- Protect Your Skin This Summer - Stanford University (August 27, 2014)
- Prevent Defense: Practical Preventative Applications for Primary Care Physicians - A Panel Discussion - Levi's Stadium sponsored by Stanford Health Care (September 14, 2014)