

## Vivian Saper, MD

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### Publications

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#### PUBLICATIONS

- **Interleukin(IL)-1/IL-6-inhibitor-associated drug reaction with eosinophilia and systemic symptoms (DRESS) in systemic inflammatory illnesses.** *The journal of allergy and clinical immunology. In practice*  
Saper, V. E., Tian, L., Versteegen, R. H., Conrad, C. K., Cidon, M., Hopper, R. K., Kuo, C. S., Osoegawa, K., Baszis, K., Bingham, C. A., Ferguson, I., Hahn, T., Horne, et al  
2024
- **Severe delayed hypersensitivity reactions to IL-1 and IL-6 inhibitors link to common HLA-DRB1\*15 alleles.** *Annals of the rheumatic diseases*  
Saper, V. E., Ombrello, M. J., Tremoulet, A. H., Montero-Martin, G., Prahalad, S., Canna, S., Shimizu, C., Deutsch, G., Tan, S. Y., Remmers, E. F., Monos, D., Hahn, T., Phadke, et al  
2021
- **Emergent high fatality lung disease in systemic juvenile arthritis.** *Annals of the rheumatic diseases*  
Saper, V. E., Chen, G. n., Deutsch, G. H., Guillerman, R. P., Birgmeier, J. n., Jagadeesh, K. n., Canna, S. n., Schulert, G. n., Deterding, R. n., Xu, J. n., Leung, A. N., Bouzoubaa, L. n., Abulaban, et al  
2019
- **Comment on: Acute respiratory distress syndrome after emapalumab treatment in a child with severe Still's disease and lung involvement: a case report.** *Rheumatology (Oxford, England)*  
Saper, V. E., Versteegen, R. H.  
2025
- **Features of interleukin-1 and interleukin-6 Inhibitor (IL-1i/IL-6i) Related Severe Delayed Adverse Reactions in Subjects with or Without Reaction-risk Associated HLA-DRB1\*15**  
Saper, V. E., Osoegawa, K., Versteegen, R., Vina, M., Tian, L., Drug Hypersensitivity Consortium  
WILEY.2024: 4061-4063
- **Lung Ultrasound in Children with Systemic Juvenile Idiopathic Arthritis Associated Interstitial Lung Disease.** *Arthritis care & research*  
Vega-Fernandez, P., Ting, T. V., Mar, D. A., Schapiro, A. H., Deluna, M. D., Saper, V. E., Grom, A. A., Schulert, G. S., Fairchild, R. M.  
2022
- **Serum proteome analysis of systemic JIA and related lung disease identifies distinct inflammatory programs and biomarkers.** *Arthritis & rheumatology (Hoboken, N.J.)*  
Chen, G., Deutsch, G. H., Schulert, G., Zheng, H., Jang, S., Trapnell, B., Lee, P., Macaubas, C., Ho, K., Schneider, C., Saper, V. E., de Jesus, A. A., Krasnow, et al  
2022
- **Emergent high fatality lung disease in systemic juvenile arthritis (vol 78, pg 1722, 2019) ANNALS OF THE RHEUMATIC DISEASES**  
Saper, V. E., Chen, G., Deutsch, G. H.  
2022; 81 (2)
- **Effect of Drug Withdrawal on Interleukin-1 or Interleukin-6 Inhibitor Associated Diffuse Lung Disease**  
Saper, V., Prahalad, S., Canna, S., Abdul-Aziz, R., Alvarez, M., Bingham, C., Bader-Meunier, B., Balboni, I., Berard, R., Bolaria, R., Boneparth, A., Casey, A., Cassidy, et al  
WILEY.2021: 3403-3405
- **Standardizing Care and Fostering Systemic Autoinflammatory Disease (SAID) Research Through the CARRA Autoinflammatory Disease Network**

- Schulert, G., Cherian, J., Muskardin, T., Twilt, M., Akoghlanian, S., Amarilyo, G., Dissanayake, D., Durrant, K., Ferguson, P., Gutierrez, M., Harel, L., Hausmann, J., Bekenstein, et al  
WILEY.2020: 153–55
- **Response to: 'Successful treatment of plasma exchange for refractory systemic juvenile idiopathic arthritis complicated with macrophage activation syndrome and severe lung disease' by Sato et al.** *Annals of the rheumatic diseases*  
Saper, V. E., Chen, G., Guillerman, R. P., Khatri, P., Cron, R. Q., Mellins, E. D.  
2020
  - **Drug Reaction and High Fatality Lung Disease in Systemic Onset Juvenile Idiopathic Arthritis (sJIA)**  
Saper, V., Mellins, E., Kwong, B.  
MOSBY-ELSEVIER.2020: AB95
  - **Response to: 'Effectiveness and safety of ruxolitinib for the treatment of refractory systemic idiopathic juvenile arthritis like associated with interstitial lung disease: case report' by Bader-Meunier et al.** *Annals of the rheumatic diseases*  
Saper, V. E., Chen, G. n., Khatri, P. n., Mellins, E. D.  
2020
  - **Multiplex Serum Analysis Identifies Potential Biomarkers of Systemic Juvenile Idiopathic Arthritis, Macrophage Activation Syndrome, and Associated Pulmonary Alveolar Proteinosis: Evidence for Independently-regulated Hyperinflammatory and Eosinophilic Inflammation**  
Chen, G., Schulert, G., De Jesus, A., Saper, V., Schneider, C., Trapnell, B., Grom, A. A., Goldbach-Mansky, R., Mellins, E., Khatri, P., Canna, S.  
WILEY.2019
  - **LUNG DISEASE IN SYSTEMIC JIA: AN EMERGING PROBLEM LINKED WITH YOUNG AGE AND ANTI-IL-1/IL-6**  
Chen, G., Saper, V., Deutsch, G., Guillerman, R. P., Jagadeesh, K., Schulert, G., Canna, S., Lu, Y., Birgmeier, J., Leung, A., Grom, A., Bejerano, G., Davis, et al  
BMJ PUBLISHING GROUP.2019: A57
  - **The 14th International Workshops on Opportunistic Protists (IWOP 14)**  
Cushion, M. T., Limper, A. H., Porollo, A., Saper, V. E., Sinai, A. P., Weiss, L. M.  
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  - **The 14th International Workshops on Opportunistic Protists (IWOP 14).** *The Journal of eukaryotic microbiology*  
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2018
  - **Altered signaling in systemic juvenile idiopathic arthritis monocytes** *CLINICAL IMMUNOLOGY*  
Macaubas, C., Wong, E., Zhang, Y., Nguyen, K. D., Lee, J., Milojevic, D., Shenoi, S., Stevens, A. M., Ilowite, N., Saper, V., Lee, T., Mellins, E. D.  
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  - **Increased local and systemic FGF expression in eosinophilic esophagitis**  
Huang, J., Fuentebella, J., Patel, A., Nguyen, T., Seki, S., Reshamwala, N., Saper, Nguyen, C., Quiros, A., Bass, D., Berquist, W., Kerner, J., Nadeau, K.  
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  - **Study Of Sublingual Immunotherapy In Subjects With Dermatophagoides Farniae And Timothy Grass Allergy**  
Reshamwala, N. R., Song, S. J., Yu, G. P., Swamy, R., Berquist, S. W., Nguyen, T., Hoyt, E. G., Vissamsetti, S., Sivagnanasundaram, A. M., Saper, V. E., Hwang, P. H., Moss, R. B., Nadeau, et al  
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  - **CLINICAL AND IMMUNOLOGICAL STUDIES OF CADAVERIC RENAL-TRANSPLANT RECIPIENTS GIVEN TOTAL-LYMPHOID IRRADIATION AND MAINTAINED ON LOW-DOSE PREDNISONE** *TRANSPLANTATION*  
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  - **RENAL-TRANSPLANT PATIENTS TREATED WITH TOTAL LYMPHOID IRRADIATION SHOW SPECIFIC UNRESPONSIVENESS TO DONOR ANTIGENS IN THE MIXED LEUKOCYTE REACTION (MLR)** *JOURNAL OF IMMUNOLOGY*  
Chow, D., Saper, V., Strober, S.  
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  - **BRONCHOSPASTIC RESPONSES TO AEROSOLIZED METABISULFITE IN ASTHMATIC SUBJECTS** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*

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- **USE OF THE ACOUSTIC REFLECTOMETER (AR) IN ATOPIC PATIENTS**

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