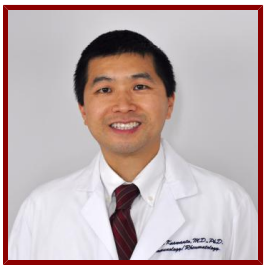
Stanford



Wilson F Kuswanto, MD, PhD

Adjunct Clinical Assistant Professor, Medicine - Immunology & Rheumatology

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Kuswanto is a physician scientist, board-certified Rheumatologist and instructor in medicine at Stanford University School of Medicine. He is currently working with Garry Nolan, PhD and William Robinson MD, PhD to unravel the tissue immune responses in Rheumatologic diseases. Dr. Kuswanto obtained his medical degree at Harvard Medical School, earning his PhD in Immunology with Diane Mathis and Christophe Benoist where he uncovered the role of the immune system in tissue repair and regeneration. He later moved to Stanford University to complete his residency training and Rheumatology fellowship.

CLINICAL FOCUS

- Tissue inflammation
- Rheumatology
- Osteoarthritis
- Rheumatoid Arthritis
- Sjögren's syndrome
- Sarcoidosis

HONORS AND AWARDS

- Scientist Development Award (Malawista designation), Rheumatology Research Foundation (2022-2025)
- Halstead Holman Rheumatology Research Fellowship Award, Stanford University (2021-2023)
- LRP grant, National Institute of Health (2021-2023)
- Translational Research and Applied Medicine Award, Stanford University (2021-2023)
- Ruth L. Kirschstein NRSA Individual Predoctoral MD/PhD fellowship (F30), National Institute of Allergy and Infectious Diseases (2013-2017)

PROFESSIONAL EDUCATION

- Board Certification: Rheumatology, American Board of Internal Medicine (2022)

- Board Certification, American Board of Internal Medicine , Internal Medicine (2020)
- Fellowship, Stanford University School of Medicine , Rheumatology (2022)
- Residency, Stanford University School of Medicine , Internal Medicine (2019)
- M.D., Ph.D., Harvard Medical School , Immunology (2017)

Publications

PUBLICATIONS

- **Highly multiplexed spatial profiling with CODEX: bioinformatic analysis and application in human disease.** *Seminars in immunopathology*
  Kuswanto, W., Nolan, G., Lu, G.
  2022
- **The Third Dose Is the Charm: Effective Cellular and Humoral Immune Responses to Third COVID-19 Vaccine Doses in Immunosuppressed Nonresponders.** *The Journal of rheumatology*
  Kuswanto, W., Baker, M. C.
  2022
- **T cell receptor specificity drives accumulation of a reparative population of regulatory T cells within acutely injured skeletal muscle** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Cho, J., Kuswanto, W., Benoist, C., Mathis, D.
  2019; 116 (52): 26727–33
- **TCR Transgenic Mice Reveal Stepwise, Multi-site Acquisition of the Distinctive Fat-Treg Phenotype.** *Cell*
  Li, C., DiSpirito, J. R., Zemmour, D., Spallanzani, R. G., Kuswanto, W., Benoist, C., Mathis, D.
  2018; 174 (2): 285-299.e12
- **Rheumatologic symptoms in oncologic patients on PD-1 inhibitors.** *Seminars in arthritis and rheumatism*
  Kuswanto, W. F., MacFarlane, L. A., Gedmintas, L., Mulloy, A., Choueiri, T. K., Bermas, B. L.
  2018; 47 (6): 907-910
- **Poor Repair of Skeletal Muscle in Aging Mice Reflects a Defect in Local, Interleukin-33-Dependent Accumulation of Regulatory T Cells.** *Immunity*
  Kuswanto, W., Burzyn, D., Panduro, M., Wang, K. K., Jang, Y. C., Wagers, A. J., Benoist, C., Mathis, D.
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- **A special population of regulatory T cells potentiates muscle repair.** *Cell*
  Burzyn, D., Kuswanto, W., Kolodin, D., Shadrach, J. L., Cerletti, M., Jang, Y., Sefik, E., Tan, T. G., Wagers, A. J., Benoist, C., Mathis, D.
  2013; 155 (6): 1282-95
- **Angiotensin II drives the production of tumor-promoting macrophages.** *Immunity*
  Cortez-Retamozo, V., Etzrodt, M., Newton, A., Ryan, R., Pucci, F., Sio, S. W., Kuswanto, W., Rauch, P. J., Chudnovskiy, A., Iwamoto, Y., Kohler, R., Marinelli, B., Gorbatov, et al
  2013; 38 (2): 296-308
- **IL-7 receptor blockade reverses autoimmune diabetes by promoting inhibition of effector/memory T cells.** *Proceedings of the National Academy of Sciences of the United States of America*
  Penaranda, C., Kuswanto, W., Hofmann, J., Kenefeck, R., Narendran, P., Walker, L. S., Bluestone, J. A., Abbas, A. K., Dooms, H.
  2012; 109 (31): 12668-73
- **Cutting Edge: Mechanisms of IL-2-Dependent Maintenance of Functional Regulatory T Cells** *JOURNAL OF IMMUNOLOGY*
  Barron, L., Dooms, H., Hoyer, K. K., Kuswanto, W., Hofmann, J., O'Gorman, W. E., Abbas, A. K.
  2010; 185 (11): 6426-6430
- **The Initial Phase of an Immune Response Functions to Activate Regulatory T Cells** *JOURNAL OF IMMUNOLOGY*
  O'Gorman, W. E., Dooms, H., Thorne, S. H., Kuswanto, W. F., Simonds, E. F., Krutzik, P. O., Nolan, G. P., Abbas, A. K.
  2009; 183 (1): 332-339
- **Distinct roles of helper T-cell subsets in a systemic autoimmune disease.** *Blood*

Hoyer, K. K., Kuswanto, W. F., Gallo, E., Abbas, A. K.
2009; 113 (2): 389-95