WILSON SONSINI

Swati T. Sharma

PATENT AGENT

Patents and Innovations

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FOCUS AREAS

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

Dr. Swati Sharma is a patent agent in the Palo Alto office of Wilson Sonsini Goodrich & Rosati, where she is a member of the firm's patents and innovations practice. She has extensive experience and knowledge in gene therapy, molecular genetics, molecular biology, and disease models.

During her doctoral studies at the University of Cincinnati College of Medicine, Swati's research focused on creating gene therapy strategies for rare diseases.

CREDENTIALS

Education

- Ph.D., Molecular Genetic, Biochemistry, and Microbiology, University of Cincinnati College of Medicine
- B.Tech., Biotechnology, IMS Engineering College, Uttar Pradesh Technical University, India

INSIGHTS

Select Publications

- Co-author with A. Hontz, C.E. Terrell, P. Arumugam, K. Risma, M. Jordan, and P. Malik, "High Level of Perforin Expression Is Required for Effective Correction of Hemophagocytic Lymphohistiocytosis," 27(10) *Human Gene Therapy* 847-59, 2016
- Co-author with M.S. Eiymo Mwa Mpollo, E.B. Brandt, S.K. Shanmukhappa, P.I. Arumugam, A. Loberg, D. Pillis, T. Rizvi, M. Lindsey, B. Jonck, P. Carmeliet, V.K. Kalra, T.D. Le Cras, N. Ratner, M. Wills-Karp, G.K., Hershey, and P. Malik, "Placenta growth factor augments airway hyperresponsiveness via leukotrienes and IL-13," 126(2) *The Journal of Clinical Investigation* 571-84, February 2016
- Co-author with M. Carmo, K.A. Risma, P. Arumugam, A.E. Hontz, C.A. Montiel-Equihua, M.E. Alonso-Ferrero, M.P. Blundell, A. Schambach, C. Baum, P. Malik, A.J. Thrasher, M.B. Jordan, and H.B. Gaspar, "Perforin gene transfer into hematopoietic stem cells improves immune dysregulation in murine models of perforin deficiency," 23(4) *Molecular Therapy* 737-45, 2015

TECHNICAL FLUENCY

Biological Sciences and Biotechnology

- Cell biology
- Cell culture products
- Cell therapy
- Cellular biology
- Cellular immunology

- Genetics
- Immunology
- Microbiology
- Molecular biology
- Molecular Genetics
- Stem cell biology
- T and B cell biology
- T cell biology
- T cell immunology
- Virology

Therapeutics and Drug Discovery

- Gene therapy

Diagnostics and Medical Devices

- Biomedical devices
- Biosensors
- Medical devices

Miscellaneous

- Food science