Stanford

Sumana Shashidhar

Associate Director, Clinical Research Operations, Med/Stanford Center for Clinical Research

Bio

BIO

Sumana Shashidhar, MS, MA, has extensive experience as a research scientist in industry and academia. Her career at Stanford has spanned over 21 years, including Division of Blood and Marrow Transplantation (BMT), and the Stanford Center for Clinical Research (SCCR) within the DoM Clinical Research Hub (CRH). The focus of her applied science research was on the development of hematopoietic progenitor cell based therapies to prevent opportunistic infections in the setting of stem cell transplant. Her clinical research experience spans interventional (drug/device) and observational investigator-initiated/industry-sponsored single- and multi-site trials/studies in cancer and non-cancer settings.

As the Associate Director for Clinical Research Operations within the DoM CRH, Sumana supports impactful clinical research conducted by faculty and staff within the Department of Medicine (DoM), School of Medicine, and across Stanford University. She serves as a liaison across cross-functional areas and schools, as well as external organizations and agencies. She is passionate about the participant experience and in bringing clinical trials to under-served and under-represented participant populations.

CURRENT ROLE AT STANFORD

Associate Director - Clinical Research Operations

DoM Clinical Research Hub/SCCR

EDUCATION AND CERTIFICATIONS

- MA, San Jose State University, CA , Molecular and Microbiology (2001)
- MS, University of Mysore, India , Biotechnology (1997)
- BS, University of Mysore, India , Biochemistry, Botany, and Microbiology (1995)

Publications

PUBLICATIONS

- **Why digital health trials can fail: Lessons learned from a randomized trial of health coaching and virtual cardiac rehabilitation.** *Cardiovascular digital health journal*
  Olivier, C. B., Middleton, S. K., Purington, N., Shashidhar, S., Hereford, J., Mahaffey, K. W., Turakhia, M. P.
  2021; 2 (2): 101-108
- **A double-blind, randomized, placebo-controlled pilot trial to evaluate safety and efficacy of vorapaxar on arteriovenous fistula maturation.** *The journal of vascular access*
  Olivier, C. B., Sundaram, V., Chertow, G. M., Shashidhar, S., McDonnell, L. K., Ding, V. Y., Desai, M., Mahaffey, K. W., Mell, M.
  2019: 1129729819887269
- **Co-transplantation of pure blood stem cells with antigen-specific but not bulk T cells augments functional immunity** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Mueller, A. M., Shashidhar, S., Kuepper, N. J., Kohrt, H. E., Florek, M., Negrin, R. S., Brown, J. M., Shizuru, J. A.

2012; 109 (15): 5820-5825

- **Early CMV Viremia Is Associated with Impaired Viral Control following Nonmyeloablative Hematopoietic Cell Transplantation with a Total Lymphoid Irradiation and Antithymocyte Globulin Preparative Regimen** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Schaenman, J. M., Shashidhar, S., Rhee, C., Wong, J., Navato, S., Wong, R. M., Ho, D. Y., Arai, S., Johnston, L., Brown, J. M.
  2011; 17 (5): 693-702

- **Combined Effects of Interleukin-7 and Stem Cell Factor Administration on Lymphopoiesis after Murine Bone Marrow Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Chung, B., Min, D., Joo, L. W., Krampf, M. R., Huang, J., Yang, Y., Shashidhar, S., Brown, J., Dudl, E. P., Weinberg, K. I.
  2011; 17 (1): 48-60

- **The impact of regulatory T cells on T-cell immunity following hematopoietic cell transplantation** *BLOOD*
  Nguyen, V. H., Shashidhar, S., Chang, D. S., Ho, L., Kambham, N., Bachmann, M., Brown, J. M., Negrin, R. S.
  2008; 111 (2): 945-953

- **Protection against lethal Aspergillus fumigatus infection in mice by allogeneic myeloid progenitors is not major histocompatibility complex restricted** *45th Annual Meeting and Exhibition of the American-Society-of-Hematology*
  Arber, C., Bitmansour, A., Shashidhar, S., Wang, S., Tseng, B., Brown, J. M.
  UNIV CHICAGO PRESS.2005: 1666–71

- **Single infusion of myeloid progenitors reduces death from Aspergillus fumigatus following chemotherapy-induced neutropenia** *BLOOD*
  Bitmansour, A., Cao, T. M., Chao, S., Shashidhar, S., Brown, J. M.
  2005; 105 (9): 3535-3537

- **GPR56 is a GPCR that is overexpressed in gliomas and functions in tumor cell adhesion** *ONCOGENE*
  Shashidhar, S., Lorente, G., Nagavarapu, U., Nelson, A., Kuo, J., Cummins, J., Nikolich, K., Urfer, R., Foehr, E. D.
  2005; 24 (10): 1673-1682