

FEB WED 15 10³⁰ AM

SSC 2315

DR. ANITA SILProfessor
Department of Microbiology and Immunology
UNIVERSITY OF CALIFORNIA SAN FRANCISCO**Topic: Regulation of cell shape and virulence
by temperature in thermally dimorphic fungi**

Dr. Sil received an AB degree from Harvard University and then a PhD and MD degree from the University of California San Francisco (UCSF). She is currently Professor and Vice Chair of the Department of Microbiology & Immunology at UCSF, as well as co-director of the Integrative Microbiology program and co-director of the Biomedical Sciences Graduate Program.



In her laboratory, she uses genetics and functional genomics to analyze the basic biology of thermally dimorphic fungal pathogens, as well as their interaction with cells of the innate immune system. Most recently, she has launched molecular genetic efforts to interrogate *Coccidioides* biology and the interactions between *Coccidioides* cells and macrophages. Her efforts to bring genomics and molecular genetic analysis to this field have been internationally recognized, resulting in her role as co-chair or chair of numerous international conferences on fungal pathogenesis or microbial pathogenesis. She has been awarded a Burroughs Wellcome New Investigator Award, an Ellison New Scholar Award, and an Early Career Scientist Award from the Howard Hughes Medical Institute. She was awarded the 2021 Rhoda Benham Lifetime Achievement Award in Medical Mycology from the Medical Mycology Society of America, and she is a Fellow of the American Academy of Microbiology.