

# Suma Prabhu Shankar, M.D., Ph.D.

**Philosophy of Care**

I believe that every individual is unique and should receive "personalized health care" tailored to meet each individual's specific needs. Our team is passionate about providing state-of-the-art medical care with compassion and understanding. Genetic conditions are often life long and may impact immediate and extended family members - we believe in taking the time to listen to families, address their concerns, explain the genetic testing process, and help them in the decision making process to obtain the best available care for themselves, their child and their family.

**Clinical Interests**

Dr. Shankar is a pediatric and adult geneticist offering care for a wide range of rare and ultra rare genetic disorders. She is the director of Precision Genomics Program that serves individuals going through "Diagnostic Odyssey" using state-of-the-art Whole Genome Sequencing (WGS). Her special interests and expertise include ophthalmic genetic disorders, non verbal neurodevelopmental disorders/autism spectrum disorders and RASopathies.

**Research/Academic Interests**

Dr. Shankar's research focuses on deep phenotyping, whole genome sequencing and other functional studies in individuals with non-verbal neurodevelopmental delays and those going through "Diagnostic Odysseys" to determine their underlying genetic etiology including new gene discovery.

**Title**

Chief, Genomic Medicine Division, Department of Pediatrics
Director of Precision Genomics
Professor, Departments of Pediatrics and Ophthalmology

**Specialty**

Genomic Medicine, Genetics, Genomics

**Department**

Pediatrics
Ophthalmology & Vision Science

**Division**

Genomic Medicine
Pediatric Ophthalmology

**Center/Program Affiliation**

UC Davis MIND Institute
UC Davis Children's Hospital

**Address/Phone**

UC Davis MIND Institute, 2825 50th St. Sacramento, CA 95817

**Additional Phone**

Clinic Phone: 916-703-0300
Physician Referrals: 800-4-UCDAVIS (800-482-8432)

**Languages**

Kannada

**Education**

M.D., Bangalore Medical College, Bangalore India 1990
Ph.D., Molecular Biology, University of Iowa, Iowa City IA 2005

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# Suma Prabhu Shankar, M.D., Ph.D.

M.B.B.S., Bangalore Medical Collete, Bangalore, India 1989

**Residency**

Ophthalmology, Royal College of Ophthalmologists Affiliated Hospitals, Great Yarmouth, Northampton, England 1992-1995
Intensive and Coronary Care, St. John's Hospital, Bangalore, India 1990-1991
Medical Genetics, UC San Francisco, San Francisco CA 2007-2009

**Fellowships**

Pediatric Ophthalmology, University of Iowa, Iowa City IA 2006-2007

**Board Certifications**

American Board of Medical Genetics - Clinical Genetics (M.D.)

**Professional Memberships**

American College of Medical Genetics and Genomics
American Federation for Medical Research
American Medical Association
American Society for Human Genetics
American Society of Human Genetics
Fellow, Royal College of Surgeons, Edinburgh
Royal College of Ophthalmologists

**Honors and Awards**

Henry Christian Award and Certificate of Excellence in Research, American Federation for Medical Research, Chicago, IL, 2009
Western Scholar, Western Society for Pediatric Research, Carmel, CA, 2009
Above and Beyond the Call of Duty, University of Iowa Hospitals and Clinics, Iowa City, IA, 2006
Sacramento Top Doctors, 2019, 2022, 2021, 2022

**Select Recent Publications**

https://pubmed.ncbi.nlm.nih.gov/?term=shankar%2C+suma+%5Bau%5D%26amp%3Bsort=date

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Ma VK, Mao R, Toth JN, Fulmer ML, Egense AS, Shankar SP. Prader-Willi and Angelman Syndromes: Mechanisms and Management. Appl Clin Genet. 2023 Apr 6;16:41-52. doi: 10.2147/TACG.S372708. eCollection 2023. PMID: 37051256

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Shankar SP, Fallurin R, Watson T, Shankar PR, Young TL, Orel-Bixler D, Rauen KA. Ophthalmic manifestations in Costello syndrome caused by Ras pathway dysregulation during development. Ophthalmic Genet. 2021 Oct 6:1-10. doi: 10.1080/13816810.2021.1978103. PMID: 34612139


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