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Parag is an Associate Professor at Stanford University. Originally trained as an engineer and biochemist, his research spans computational and experimental systems biology, cancer biology and nanotechnology. Parag received his undergraduate degree in Computer Science from Washington University in St. Louis. He then obtained his Ph.D. from UCLA in Chemistry & Biochemistry, where he worked with Dr. David Eisenberg. He completed Post-Doctoral studies at The Institute for Systems Biology, in Seattle, WA with Dr. Ruedi Aebersold. Beyond studying fundamental disease mechanisms, his group has been pioneering novel approaches for enabling personalized and predictive medicine. Most recently, his group has been developing model-based and physics-based approaches to machine learning that enable learning over domains that span a wide range of time and length scales.

Parag is Founder & Chief Scientist of Nautilus Biotechnology, which has designed a large-scale, single-molecule proteomic analysis technology capable of delivering extreme sensitivity and scale.