

I strongly believe that education is really about the all-round development of one's personality. It is the culmination of those experiences that enlightens one to become a more rooted, selfless, and conscious individual. The role of a teacher in this entire process is crucial. As the famous poet Robert Frost commented, "I am not a teacher but an awakener." A great teacher can be instrumental in awakening the spirit of learning and humanity in individuals, thus elevating them from the realms of mediocrity to the pinnacle of their true potential. Great teachers not only impart knowledge to students but also immense values as well. They provide them with the creative learning abilities and skills to succeed in academics, business, and, many times, also in personal life. Personally, I believe that good education can solve many social problems, and a good teacher plays a pivotal role in shaping his students as good citizens. Education is the asset that ultimately enables an individual to make an informed decision, conceive an idea, and critically evaluate a relevant issue. Every single time, I will invest all my efforts and knowledge to mold my students. Having said this, I would like to emphasize the fact that my fundamental attempt will always be to allow them to blossom into the best individuals they can be and not merely to create numerous replicas of an academically endowed and socially accepted template. I am a staunch advocate of the idea that "the teacher, who is indeed wise, does not bid you to enter the house of his wisdom but rather leads you to the threshold of your own mind." As a teacher, I will always take an active approach while delivering a concept by engaging the students in discussions and activities. To avoid the use of complex textual jargon, I will prefer simple language when introducing my students to a new concept. This ability to present a very complex idea in the simplest and most easily relatable fashion is also something that I encourage in my students. The use of analogies that are closely related to everyday life is another skill in my possession that I have put to effective use in my lecture sessions.

I was a FAPESP Post-Doctoral Fellow (from September 2015 to January 2019), a very prestigious fellowship of Latin America at the Department of Medicine-InCor/HC-FMUSP, University of Sao Paulo, School of Medicine, Brazil. I was working on new therapies for Chagas disease: repurposing of drugs acting on the cell invasion and autophagy progression of host cells, and potentiation of drug effects using biopolymeric nanoparticulate drug delivery systems against *Trypanosoma cruzi*. I was a research associate (from September 2013 to August 2015) at the Translational Health Science and Technology Institute, Faridabad-Gurgaon Expressway, Faridabad, Gurgaon, India. We have identified that transcription factor Foxo1 is essential for IL-9 induction in T helper cells, and this work has been published in the Nature Communications Journal. And there was one patent (Application Number: E-5/1022/2016) on therapeutic evaluation of compound 1. Prior to joining as a research scholar for his Ph.D., I got a fellowship from the National Science Council of Taiwan to work at Chang Gung University for two years from March 2007 to March 2009, where we were able to conclude that the phenotype of tolerized autoreactive CD8⁺T cells is context-

dependent in the murine model. I have completed my doctorate degree (2014) from the University of Delhi and TACF (Tuberculosis Aerosol Challenge Facility) at the International Centre for Genetic Engineering and Biotechnology, New Delhi, India. During my PhD, we developed nanoparticles carrying two secretory proteins of *Mycobacterium tuberculosis*, CFP-10 and CFP-21, and evaluated their potential to invoke an immune response coupled with oxidative stress when encapsulated in nanoparticles. I have done my M.Sc. in Biotechnology (2006) from the School of Biotechnology, Jawaharlal Nehru University (JNU), New Delhi, India. I was an executive council member of the Indian Immunology Society (2014–2016). I am an editorial board member of more than 10 journals and Editor-in-Chief of the Indian Journal of Hospital Infection. I have been awarded with the Department of Science and Technology, Government of India Young Scientist Award (2010), Senior Research Fellowship from Indian Council of Medical Research (2010), Indian Immunology Society Young Scientist Award (2013), European Federation of Immunological Societies (EFIS) Travel Award (2012), British Society of Immunology Travel Award (2012), Federation of Immunological Societies of Asia and Oceania Young Scientist Award (2012), American Association of Immunologists Travel Award (2013), International Union of Immunological Societies Travel Award (2013), and The Federation of Clinical Immunology Societies Travel Award (2017). I have published more than 20 research articles and reviews in both international and national journals. I am a member of various international and national scientific societies. I have been selected and received the Early Career Scientist Award from the British Council and the Newton Fund (2019), Member of the Royal Society of Tropical Medicine and Hygiene, admitted to membership of the Royal Society of Chemistry, and International Scientist Award (2020), Royal Society of Biology (2021), and Appointed as a Global Assessor of the Royal Society of Tropical Medicine and Hygiene (2021).

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