



Dr. Sandeep M Eswarappa
MBBS, PhD
(Principal Investigator)

Dr. Sandeep M Eswarappa (**SME**) completed medical education (MBBS) from Mysore Medical College, Mysore. Then he obtained his Ph.D from Indian Institute of Science (IISc), B'lore. After that he joined as a post-doc at Cleveland Clinic, USA in Dr. Paul Fox's laboratory.

After postdoctoral training he returned to his alma mater IISc, as an Assistant Professor in the Department of Biochemistry. His major focus is in translational readthrough and angiogenesis will continue to be his laboratory's primary interests.

Jaivikshtram (**JVS**) thank him for this interview which inspires many.

JVS: We all know you and your career path sir, what drove you in changing career path from clinic to research?

SME: As a student I was always interested in basic sciences and curious to know how things work. I thought this curiosity can be easily met by doing basic science research than clinical practice. I also felt that, for me, research is more intellectually challenging than clinical practice.

JVS: Your view on importance of basic as well as interdisciplinary research in life sciences. What was your inspiration which taken you to your current research interest?

SME: Interdisciplinary research is important in all fields of scientific research. It gives multiple perspectives to a given problem. It can accelerate the process of solving a problem. My research interests are driven by the nature of the problems rather than the scientific field to which they belong. I follow my curiosity.

JVS: What you do for maintaining the spark for innovation and research?

SME: In our field of research it is easy to get demotivated because most of the experiments fail. Many of our hypotheses turn out to be wrong. To regain my scientific drive, I read popular science books whenever I get time. Watching documentaries and listening to science podcasts keep me motivated.

JVS: Coming to the question we all eager to hear from you, what is the message you want to give to all young students who wish to be in research and development?

SME: Students in research need to be extremely patient because failure is very common. You may spend months and years without any success. '**Never give up**' attitude is required to face such situation. I strongly recommend the book '**Letters to a young scientist**' by Edward O. Wilson.

JVS: At last where you see the future of Indian science in coming future.

SME: I am very optimistic about the future of Indian Science. Number of research institutes and the amount of research funding has increased significantly in last two decades. We have access to world class technology in many fields of research. More and more young students are opting research as their career. I think the Indian science has bright future.