



**Prof. A. H. Zarnani**

I completed my high school education at Amir-kabir High School in Zanjan, 1982 and was selected as the first rank graduate. I immediately started my education in laboratory sciences at Shiraz University of Medical Sciences and was graduated as the first rank in 1985. In 1986, I continued my education in the doctoral program in laboratory sciences at Shahid Beheshti University of Medical Sciences, and in 1992, I was graduated as the first rank of the entire university. After then, I participated in the entrance exam for the Ph.D. program in immunology and was accepted in Tarbiat Modares University as the first rank of all participants. After six years, I ranked first and graduated in 2004. Based on my achievements and publications during Ph.D. program, my dissertation won the title of the best dissertation in Razi Festival Award in 2005. I also won two prestigious international awards for my doctoral dissertation at International Canadian Immunology Congress and FOCIS, 2004. Also in the same year, I was awarded the best "Book of the Year Award" for my book entitled "Immunobiology of Reproduction". In 2005, I pursued a postdoctoral fellowship for 2 years at Avicenna Research Institute (ARI). Since then, I started my research program at ARI and Iran University of Medical Sciences and achieved my full professorship after 9 years. During this short period of research, I published more than 160 articles in prestigious international journals and several book chapters. Also in 2012, I was re-selected as the winner of Razi Festival award in Medical Sciences. In 2014, two projects, in which I had functioned as the main collaborator won the 21<sup>st</sup> Razi Festival award. Received the title of the best researcher of the country by the Ministry of Science in 2009, the best researcher of Avicenna Research Institute in 2009, the best researcher of Iran University of Medical Sciences in 2009 and 2015 (due to the establishment of the immunology research center) and obtaining the title of distinguished laboratory physician by the Medical Council of Iran are among my scientific honors. Dissertations of my students have also won numerous awards, including the Royan International Festival Award, Yazd Reproductive Medicine Festival Award, the National Embryology Association Award, and numerous international awards, including the Japan International Immunology Congress Award. I am a member of the Elite Foundation of Iran and during my 17 years of research work, I have trained several students in master's and doctoral degrees in immunology, some of whom have excelled in their field of study and are working as faculty in universities across the country, including Tehran University of Medical Sciences. I established the first Reproductive Immunology Research center of Iran in ARI, which as a national reference of the country's reproductive immunology, held several national and international congresses in the relevant field and implemented practiced projects in the health system of patients with infertility or recurrent miscarriage. I have also practiced as an Immunology consultant for couples suffering from reproductive-related diseases since 2004. As the head of the Nanobiotechnology Research Institute of ARI, I played an effective role in the formation of that research institute and the establishment of its numerous laboratories. This research institute was ranked third among 57 research institutes and research centers with similar fields of work in the country. I am currently a full professor and director of the Department of Immunology, School of Health, Tehran University of Medical Sciences. With an applied research approach, I founded a knowledge-based company 9 years ago along with university professors, which currently produces more than 100 biotechnology products needed by medical diagnostic and research laboratories. I have 10 patents and authored more than 250 original articles in international journals and have google scholar h-index of 43 and i10-index of 143. I am editorial board member of several scientific journals, board member of Iranian medical laboratory sciences, a member of the European Society of Reproductive Immunology and have been guest speaker at many national and international congresses. My main field of activity is reproductive immunology and cancer immunotherapy. I have been a member of several working groups in the Ministry of Health of Iran, including the Biotechnology Working Group, the Research Council for Research-Based PhD and DSMB group of Pasture Covid-19 vaccine. To sum up, I have been actively involved in research, industry and clinic since I have completed my Ph.D.