Prof. Wang Ningli serves as the Director of Beijing Tongren Eye Center, Dean of School of Ophthalmology, Capital Medical University, Head of National Committee for the Prevention of Blindness, Advisory Board Member of Chinese Academy of Medical Sciences, President of Asia-Pacific Academy of Ophthalmology (APAO), President of Chinese Ophthalmologist Association, President of Chinese Society of Public Health Ophthalmology, Chair LXXIV of Academia Ophthalmologica Internationalis, Council Member of World Glaucoma Association, Board Member of Asia-Pacific Glaucoma Society, Board Member of International Council of Ophthalmology.

He has engaged in clinical and scientific research in ophthalmology for over three decades, and performed more than 20,000 surgeries. He currently serves as a consultant expert in Central Health Care Committee. The research interest includes: the pathogenesis and diagnosis and treatment of glaucoma, and myopia control among children and adolescence. He is the Director of Beijing Tongren Eye Center (Key Discipline of the Ministry of Education and Clinical Key Specialty of National Health and Family Planning Commission), and Director of the National Engineering Research Center for Ophthalmic Equipment. He served as primary investigator (PI) for over a dozen major projects, including National High-tech R&D Program (863 Program), Key Program of National Natural Science Foundation of China (NSFC), NSFC Projects of International Cooperation and Exchange, Major Project of the Ministry of Science and Technology of China, and as PI, he was awarded 2 National Science and Technology Progress First Class Awards. He was listed as Elsevier's: "Most Cited Chinese Researchers" for 6 consecutive years and The Ophthalmologist's "Top 100 most influential people in the world of ophthalmology" 3 times.

For his outstanding work and scientific and educational contribution in ophthalmology, Prof. Wang was awarded many honors and awards, such as Vison Excellence Awards by International Agency for the Prevention of Blindness in 2020, Asia-Pacific Award by Asia Pacific Glaucoma Society in 2018, National Award for Excellence in Innovation in 2017, The National Model Worker in 2015, Zhou Guangzhao Foundation Award for Science and Technology in 2014, Golden Apple Award and Golden Key Award by Chinese-American Ophthalmological Society in 2013 and 2008, Arthur Lim Award by Asia Pacific Academy of Ophthalmology in 2011, to name but a few. During his term as the President of Chinese Ophthalmological Society, he greatly promoted the international cooperation and exchange activities and increased the international influence of Chinese Ophthalmological Society and 5 international awards. He led and participated in several major blindness prevention projects, including the "Brightness Action", and was awarded the National Award for Outstanding Contribution to Blindness Prevention.