



**Maintaining the Quality of Vaccines Through the Use of Standards:
Current Challenges and Future Opportunities
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Sunil Gairola is the Executive Director at Serum Institute of India Pvt. Ltd. More than 40 years of experience in several functions of quality control, quality assurance and clinical bioanalytics of vaccines and biosimilars. Part of product development leadership teams for newer vaccines and registration of vaccines in developed and emerging markets. Leads more than 500 scientists working on analytical development and characterization of bacterial, viral, recombinant, sub-unit and viral vector-based vaccines. Collaborator to international initiatives of WHO, NIBSC, EDQM, and PATH, aimed at the harmonization of regulatory requirements, establishment and development of international standards. Member to scientific body of Indian Pharmacopeia and USP expert panels on vaccines and biosimilars. He also served for many years at National Control Laboratory, India. Also forged collaborative projects with West and Indian academia focussed on novel adjuvants, genomic surveillance of infectious diseases and use of newer technologies for vaccine testing and characterization. Authored more than 50 publications and has patents on vaccine development and analytics.

