DESCRIPTION

*Development of Vaccines: From Discovery to Clinical Testing* outlines the critical steps, and analytical tools and techniques, needed to take a vaccine from discovery through a successful clinical trial. Contributions from leading experts in the critical areas of vaccine expression, purification, formulation, pre-clinical testing and regulatory submissions make this book an authoritative collection of issues, challenges and solutions for progressing a biologic drug formulation from its early stage of discovery into its final clinical testing. A section with details and real-life experiences of toxicology testing and regulatory filing for vaccines is also included.

ABOUT THE AUTHOR

**Manmohan Singh**, PhD, is currently working as the Global Head of Vaccine Formulation Science at Novartis Vaccines and Diagnostics in Cambridge, Massachusetts. Dr. Singh is a well-known expert in the areas of vaccine formulations and adjuvant research and has been working in vaccine R&D for the last twenty years. He has authored over 100 peer-reviewed manuscripts, review articles, and book chapters in this area. Dr. Singh is on the editorial board of seven international journals and has contributed to organizing several international vaccine conferences. He is also the editor of *Vaccine Adjuvants and Delivery Systems* (also published by Wiley).

**Indresh K. Srivastava**, PhD, is recognized as an expert in the field of vaccine research, particularly immunogen design, purification, and characterization of vaccines. He has been working in the field for more than twenty-five years; has published more
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