Immunology and the Quest for an HIV Vaccine: A New Perspective

Dr. Omar Bagasra
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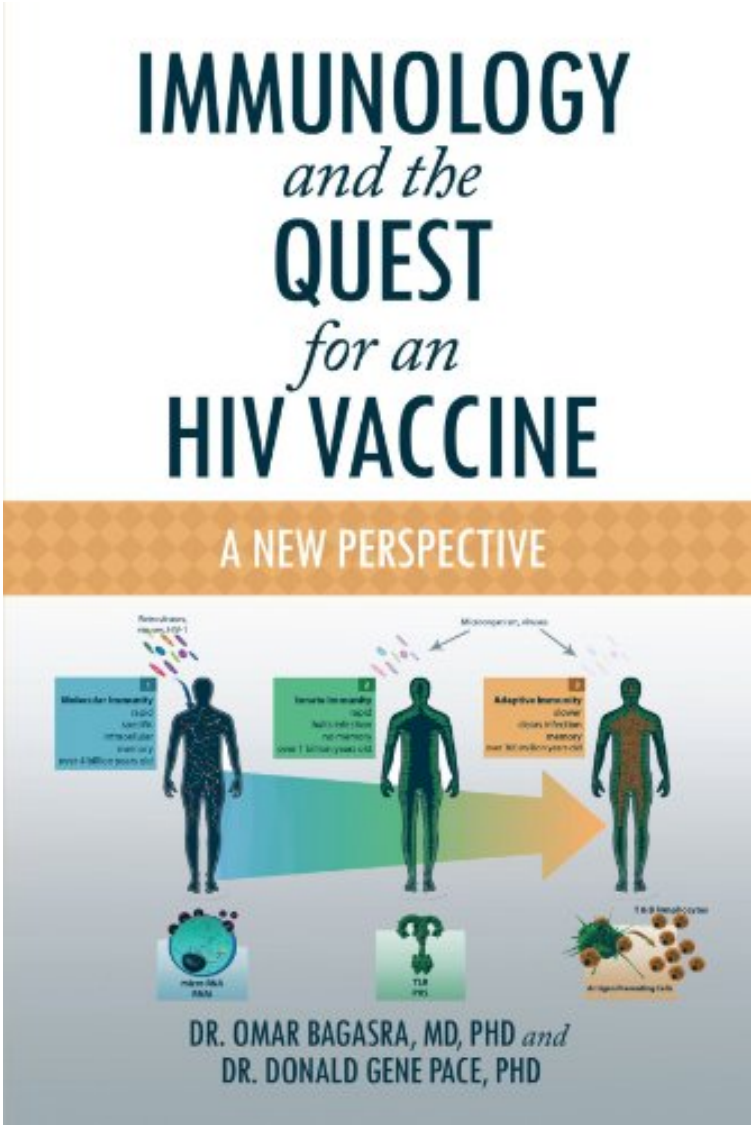

#3377353 in Books 2012-01-13Original language:EnglishPDF # 1 9.00 x .49 x 6.00l, .65 #File Name: 146850830X196 pages | File size: 62.Mb

Dr. Omar Bagasra : Immunology and the Quest for an HIV Vaccine: A New Perspective before purchasing it in order to gage whether or not it would be worth my time, and all praised Immunology and the Quest for an HIV Vaccine: A New Perspective:

2 of 2 people found the following review helpful. Far More Than HIV...By Let's Compare Options PreptorialAlong with Dr. Bagasra's HIV and Molecular Immunity, this small volume is much more than the exciting new developments happening now in vaccine research. In fact, it is both a review and "coming attractions" monograph on entirely new paradigms in both vaccines and immunology.The authors are ruthless in pointing out the defects in cell mediated/

antigen as well as antibody envelope approaches not just to vaccines, but immunology in general. They begin by taking a palentological "step back" to see the retro forest for the trees, especially in the hot new area of RNA interference and small double stranded (or today, micro) RNAs.In that context, HIV is the "example" that leads the reader though the detective story of these former stepchildren of immunology, to suggest that epigenetic and microRNA "systems" could revolutionize our understanding of immunity as much as decoding DNA itself. ALL current immunological models are covered and related-- amazing for so modest sized a book, and done in fine fashion.The level of molecular biology (my field) is very modest-- outstanding but readable by an undergrad or informed general science reader. Deep and detailed aspects are given (eg Endogenous Retroviruses), and the well informed general reader, rusty in immuno (even classic) will need a good biochem dictionary in hand or on a nearby tablet or phone.Although brilliant, and extremely disciplined (70 pages of references and studies in a 180 page book!), the authors are nevertheless extremely humble and honest about the lack of progress in many areas that were thought to be "immanent" in 2000. They are as eager to point out the deficiencies in our current models as they are positive about future directions. There is an undercurrent of lament and frustration at how little we do know, due to pursuing the old model's dead ends for far too long. I've worked in biotech for decades, since its inception, and the new models suggested in this fine volume, though subtle, are quite threatening to that whole establishment. As exciting as recombinant DNA was and is, some aspects of this book are not shy in suggesting "back to square one" in many of our assumptions! A great read if you're interested in the most cutting edge immuno models by some very bright, far from egotistic, researchers.Library Picks reviews only for the benefit of shoppers and has nothing to do with , the authors, manufacturers or publishers of the items we review. We always buy the items we review for the sake of objectivity, and although we search for gems, are not shy about trashing an item if it's a waste of time or money for shoppers. If the reviewer identifies herself, her job or her field, it is only as a point of reference to help you gauge the background and any biases.0 of 0 people found the following review helpful. Easy to understand ImmunologyBy TRI have read this authors' previous book on HIV Vaccine and Origin of HIV and greatly enjoyed it. This one is an excellent book on alternate ways to make HIV vaccine and explains in great details what our current concepts in preparing vaccine against HIV and why they cannot be successful. The authors goes on to describe in simple but scientific fashions all three immune systems. This is first time I really understood the subtleties of various immune mechanisms and how it is related to our health.An interesting book for those who want to understand "Immunology" without taking a course or majoring in Immunology. The authors describe the origins of immune defenses and their evolutionary histories as it relates to vaccine development. Great Read!!!0 of 0 people found the following review helpful. An amazing read!By KA101I always wonder why we do not have vaccine for AIDS? We make vaccine against flu every year, even though flu is a RNA virus. There are so many conspiracy theories that the drug companies are making billions and why should they make a vaccine for AIDS? It will kill their prophets. The Government is corrupt and lobbyists are paying them to not make the vaccine (like they are corrupting our politician to not act on sensible projects). But, here, first time in my life I see a real scientific explanation of HIV vaccine! An amazing read! I understand why we do not have the AIDS vaccine and how we can have it soon. Well written, concise and explained in reasonable simpler language.

How many human immune systems are there? How old are they? Why is there no AIDS vaccine? Is a new approach needed? Why is public opinion growing skeptical of the scientific community after three decades of public awareness about HIV/AIDS? Consider answers to these puzzling questions. Learn from the decades of experience of two senior scholars: Dr. Omar Bagasra (an eminent molecular biologist, immunologist, and retrovirologist) and Dr. Donald Gene Pace (a highly published writer who examines public health policy). Explore intriguing new possibilities about human immunity, and the development of an effective AIDS vaccine. Read Immunology and the Quest for an HIV Vaccine. Benefit from an informed synthesis backed by a wealth of peer-reviewed scientific references. Review basic concepts of immunology, and stretch your perspective by contemplating this creative synthesis that provides a provocative treatise on the origin, evolution, and etiology of several forms of immune systems. Consider compelling ideas that will have an important bearing on HIV vaccine development. Enjoy this informative volume designed for anyone interested in the development of a safe AIDS vaccine, for anyone curious about present knowledge about human immunity, and for anyone yearning for a solution to the global pandemic that is AIDS.