



## Claudio Struchiner

Dr. Struchiner is Full Professor at the School of Applied Mathematics (EMAp) at Fundação Getulio Vargas (FGV), Full Professor (retired) at Fundação Oswaldo Cruz (FIOCRUZ) and Associate Professor at the State University of Rio de Janeiro (UERJ). He earned a Medical Doctor degree from Federal University of Rio de Janeiro (UFRJ) in 1976 and a Master`s degree (1981) from the National Institute of Pure and Applied Mathematics (IMPA). He also holds a Sc.D. in Populational Dynamics of Infectious Diseases from Harvard University (1988). He is a senior researcher with the Brazilian Research Council (CNPq) and has been a visiting Professor at the University of Montreal and a Fullbright scholar at Yale University.

His research activities span a wide range of applications in infectious diseases epidemiology. These activities motivated new insights on the development of epidemiological, statistical, mathematical and computational methods applied to the evaluation and surveillance of public health interventions. His contributions at the interface of these disciplines include papers on several aspects of the epidemiology of the Brazilian AIDS epidemics, the evaluation of malaria, yellow fever and meningococcal vaccines, genetic epidemiology, pharmacogenomics, and on the methodological aspects of the evaluation of health intervention programs, in particular, on estimating the efficacy of new vaccines. His contributions to this latter topic, spanning more than two decades of continuous work with several collaborators, are summarized in a book, *Design and Analysis of Vaccine Studies* published by Springer Verlag.