

DAVID M. BERNSTEIN, Ph.D.

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ACADEMIC BACKGROUND and TRAINING

Dr. Bernstein has Ph.D. in Environmental Medicine/Toxicology from New York University's Institute of Environmental Medicine and his Master of Science degree in Physics from City University of New York. He is also an accredited mediator (Centre for Effective Dispute Resolution (CEDR), UK).

PROFESSIONAL EXPERIENCE

- 1991-DATE : CONSULTANT IN TOXICOLOGY: Expert advisor to governments worldwide and consultant to fiber, chemical and pharmaceutical companies providing planning, negotiation and mediation of cooperate and regulatory toxicological issues, preparation and submission of Expert Reports to regulatory authorities, risk assessment, and toxicology study design, monitoring and interpretation.
- 1987-1991 : MANAGING DIRECTOR OF RCC GENEVA. RCC Geneva specialized in performing state of the art inhalation toxicology and lung pharmacology meeting industrial and regulatory (GLP) requirements. - The Research and Consulting Company Ltd. (RCC), Geneva, Switzerland.
- 1981 -1987 : MANAGER OF THE TOXICOLOGY AND PATHOLOGY GROUP in the Center for Toxicology and Biosciences (1986 - 1987); Section Leader in Inhalation Toxicology (1984 -1986); Principal Research Toxicologist (1981 -1984) - The Geneva Division of the Battelle Memorial Institute, Geneva, Switzerland
- 1978 -1981 : ADJUNCT PROFESSOR IN THE DEPARTMENT OF PATHOLOGY - School of Basic Health Sciences (Medical School) of the State University of New York at Stony Brook, New York.
- 1977 -1981 : INHALATION TOXICOLOGIST in the Department of Inhalation Toxicology - Medical Research Center of Brookhaven National Laboratory, New York.

Dr. Bernstein has over 35 years of experience as an inhalation toxicologist providing a broad range of expertise to governments and fiber, chemical and pharmaceutical companies worldwide. With his initial education in solid state physics, his emphasis in toxicology during his doctorate and following naturally shifted towards inhalation toxicology. Being at ease in the mathematics of fluids, aerosols and animal physiology, Dr. Bernstein designed new aerosol generation and exposure systems for performing inhalation toxicology studies. As manager and director of first Battelle Geneva and then RCC Geneva, he was responsible for the conduct, GLP compliance and interpretation of hundreds of inhalation toxicology studies of fibers, chemicals and pharmaceuticals. More recently, he has been working as an independent consultant advising governments on the scientific basis for the regulatory assessment of products and serving as an expert to the fiber, chemical and pharmaceutical industries in the area of inhalation toxicology with strong emphasis on risk assessment and regulatory requirements. Throughout his career, Dr. Bernstein has been involved in the design and evaluation of fiber toxicology studies and has been instrumental in developing many of the concepts and regulations which define fiber toxicology. He has served as adviser to the European Commission and was instrumental in the development of the criteria for the EC Directive on Synthetic Mineral Fibers. He has also served as a member of the IARC working group that most recently re-evaluated Mineral Fibers and participated in the development of the WHO's IPCS Criteria Document on Mineral Fibers. He has extensive expertise in a wide range of fiber types ranging from synthetic mineral fibers, organic fibers to asbestos. Dr. Bernstein has more than 65 scientific publications in addition to authoring chapters on fiber toxicology in toxicology textbooks and numerous presentations and reports.