

Curriculum Vitae

Rolf M. Zinkernagel, M.D.

Swiss, age 63

Function at Novartis AG In 1999, Dr. Zinkernagel was elected to the Board of Directors of Novartis AG. He has been a member of the Corporate Governance and Nomination Committee since 2001. He qualifies as an independent Non-Executive Director.



Rolf M. Zinkernagel, M.D.

Other activities Rolf M. Zinkernagel is a member of the Swiss Society of Allergy and Immunology, the American Associations of Immunologists and of Pathologists, the ENI European Network of Immunological Institutions, member of the Advisory Council, BMS Singapore and President of the Executive Board of the International Union of Immunological Societies (IUIS). He is also a member of the Scientific Advisory Boards of: Bio-Alliance AG, Frankfurt, Germany; Aravis General Partner Ltd., Cayman Islands; Biozell*, Milan, Italy; Esbatech, Zurich, Switzerland; Novimmune, Geneva, Switzerland; Miikana Therapeutics, Fremont, California, USA (until January 2006); Nuvo Research* (until September 2005: Dimethaid), Toronto, Canada; Cancevir, Zürich, Switzerland; xbiotech, Vancouver, Canada; ImVision, Hannover, Germany; MannKind*, Sylmar, California, US; and Laboratoire Koch, Lausanne, Switzerland (since 2006). Rolf M. Zinkernagel is also a Science Consultant to: GenPat77, Berlin/Munich, Germany; Chilka Ltd., Grand Cayman; Solis Therapeutics, Palo Alto, California, US; Ganymed, Mainz, Germany; and Zhen-Ao Group, Dalian, China.

Professional background Dr. Zinkernagel graduated from the University of Basel with an M.D. in 1970. Since 1992 he has been Professor and Director of the Institute of Experimental Immunology at the University of Zurich. Dr. Zinkernagel has received many awards and prizes for his work and contribution to science, the most prestigious being the Nobel Prize for Medicine which he was awarded in 1996. Dr. Zinkernagel was a member of the Board of Directors of Cytos Biotechnology AG*, Schlieren/Zurich, Switzerland, until April 2003.