



Robert A. Weinberg

Élu Associé étranger le 8 décembre 2009 dans la section de Biologie moléculaire et cellulaire, génomique

Robert A. Weinberg, né en 1942 aux États-Unis, est Professeur de biologie au Massachusetts Institute of Technology (MIT), à Cambridge (États-Unis). L'ensemble de ses travaux a conduit à des avancées considérables dans la compréhension des bases moléculaires du cancer. Ceci a permis des progrès majeurs dans la classification et le diagnostic des tumeurs et dans la mise au point de thérapies ciblées, plus efficaces et moins toxiques, de la maladie cancéreuse.

Robert A. Weinberg, born in 1942 in the USA, is Professor of Biology at the Massachusetts Institute of Technology (Cambridge, USA), since 1982. The scientific achievements of R. Weinberg have led to seminal advances in our understanding of the molecular bases of cancer. This resulted in major progress in tumor classification and diagnosis and in the design of targeted therapies, more efficient and less toxic.

Curriculum vitae

1969-1970	Postdoctoral Fellow, Weizmann Institute, Rehovoth, Israel
1970-1972	Postdoctoral Fellow, Salk Institute (USA)
1972-1973	Research Associate, MIT, Cambridge (USA)
1973-1976	Assistant Professor, Department of Biology and Center for Cancer Research, MIT
1976-1982	Associate Professor, Department of Biology and Center for Cancer Research, MIT
1982-present	Professor of Biology, Department of Biology, MIT
1982-present	Founding Member, Whitehead Institute for Biomedical Research, Cambridge, MA
1990-present	Member of the Scientific and Academic Advisory Committee, Weizmann Institute, Israel
2005-present	Membre du Conseil scientifique international de l'Institut National du Cancer

Membership

1985	Member of the National Academy of Sciences (USA)
1989	Fellow of the American Academy of Arts and Sciences
1992	Foreign Member-Medical Sciences of the Royal Swedish Academy of Sciences
2000	Member of the American Philosophical Society
2000	Member of the Institute of Medicine (USA)
2008	Docteur honoris causa de l'Université Paris-Descartes

Main Awards

1983	Robert Koch Medal, Robert Koch Foundation
1984	Steel Foundation Award in Molecular Biology, National Academy of Sciences (USA)

1984 Bristol-Myers Award for Distinguished Achievement in Cancer Research
1984 Antonio Feltrinelli Prize, Accademia Nazionale dei Lincei (Italy)
1987 Sloan Prize, General Motors Cancer Research Foundation
1992 Gairdner Foundation International Awards for Achievements in Medical Science
1994 Harvey Prize, American Society for Technion, Israel Institute of Technology
1996 G.H.A. Clowes Memorial Award, American Association for Cancer Research
1996 Max Delbrück Medal, Max-Delbrück Center
1997 National Medal of Science
1997 Keio Medical Science Foundation Prize
1999 The Ordre pour le Mérite for Sciences and the Arts
2003 Distinguished Scientist Award, Association of American Cancer Institutes
2003 Van Andel Institute's Daniel Nathans Memorial Award
2004 Wolf Foundation Prize
2004 Prince of Asturias Science Award
2009 Grande Médaille de l'Académie des sciences

Books

The Biology of Cancer (Ed. Garland Science, 2007) - One Renegade Cell (Ed. Perseus Books Group, 1999) - Racing to the Beginning of the Road: the Search for the Origin of Cancer (Ed. Harmony Books, 1996) - Genes and the Biology of Cancer (avec H. Varmus) (Ed. Scientific American Library, 1993)

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