

Summary of Curriculum vitae: Dr. Akira Homma

1- Personal information:

- ❖ Born in 12 August 1939, Presidente Wenceslau, São Paulo State, Brazil
- ❖ Nationality: Brazilian
- ❖ Married to Maria Diana Lacerda Homma; one son 35 years old
- ❖ Address –
 - Home: Av. Gal. Guedes da Fontoura, 102/C02
 - 22.620-030 Rio de Janeiro, RJ. Barra da Tijuca
 - Brazil
 - Work: Bio-Manguinhos/Fiocruz
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 - Brazil
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2 - Education:

- ❖ D.V.M. in 1967 at Federal University Fluminense, RJ. Brazil;
- ❖ Post-Doctoral Fellow at Department of Virology and Epidemiology of Baylor College of Medicine, Houston, Texas/USA, from 1969 to 1971;
- ❖ D. Sci in 1972, at Department of Preventive Medicine, School of Medicine, University of São Paulo, SP. Brazil.

3- Previous position:

- ❖ Tissue Culture and Virology Technician at Adolfo Lutz Public Health Laboratory from 1959 to 1961;
- ❖ Tissue Culture and Virology Technician at the Foot and Mouth Disease Center/PAHO, Rio de Janeiro from 1961 to 1967;

- ❖ Virology Assistant Professor at the National Public Health School/Fiocruz from 1968 to 1974;
- ❖ Production of Foot and Mouth Disease Vaccine at Bayer AG, Cologne, Germany from 1974 to 1976;
- ❖ Director of the Institute of Technology for Immunobiologicals/Bio-Manguinhos/Fiocruz from 1976 to 1989;
- ❖ President of the Oswaldo Cruz Foundation (Fiocruz) from April 1989 to March 1990;
- ❖ Coordinator of the National Immunobiological Self-Sufficiency Program of the Ministry of Health, from March 1990 to March 1991;
- ❖ Regional Advisor on Biologicals, PAHO/WHO, from March 1991 to August 1997;
- ❖ Vice-President of Technology of the Oswaldo Cruz Foundation, from September 1997 to August 2001.

4 - Present position

- ❖ Since August 2001, Director of the Institute of Technology for Immunobiologicals/Bio-Manguinhos of the Oswaldo Cruz Foundation (Fiocruz)*.

5 -Related Activities:

- ❖ Since 1997, member of Technical Advisory Group of the PAHO/WHO's Vaccine and Immunization Program;
- ❖ Two periods, member of Expert Advisory Panel on Biological Standardization of the World Health Organization;
- ❖ Since 1998, member of the Technical Advisory Committee of the Brazilian Immunization Program;
- ❖ Since 2001, member of the Deliberative Council of the Oswaldo Cruz Foundation (Fiocruz);
- ❖ Special Advisor for Technology Development to the Oswaldo Cruz Presidency, from 2000 to 2001;

- ❖ Chairman of the Bio-Manguinhos Administration Council, from 1998 to 2000;
- ❖ Chairman of the Fiocruz's Animal Laboratory Committee, from 1997 to 2001;
- ❖ Member of Steering Committee of the Developing Countries Vaccine Manufactures Network (DCVMN), since 2000;
- ❖ Member of SAGE/WHO for the period of 2002-2003;
- ❖ Member of SAGE/WHO for the period of 2003-2004, in representation of DCVMN;
- ❖ Consultant for PAHO/WHO and WHO in the area of vaccines and immunization, in several occasions.

6 -Participation in innumeros national and international meetings in related subjects.

- ❖ Presentation of papers and lecturers;
- ❖ Organization of meetings:
 - Simpósio Internacional sobre Febre Amarela e Dengue. Cinquentenário da Introdução da Cepa 17D no Brasil. Rio de Janeiro, 15-19 Maio 1988;
 - The International Workshop on Vaccine Development & Production. Rio de Janeiro, 14-16 April 1998;
 - Estado da Arte e Prioridades para Pesquisa e Desenvolvimento em Leptospirose, Salvador, BA, 10-11 Abril 2000;
 - Perspectivas Tecnológicas em Saúde: Os desafios da Leishmaniose e da Febre Amarela. Comemoração de 100 anos da Fiocruz e 25 anos de Bio-Manguinhos. Rio de Janeiro, 10-11 Maio 2001.

7- Publications:

- ❖ More than 50 papers published in the area of public health, policy and technological development. Some last papers:

- Homma A. et alli (2003) Technological Development: a weak link in vaccine development in Brazil. **10(2):671-96**. História, Ciências, Saúde-Manguinhos (ISSN 0104-5970). Rio de Janeiro, Brazil.
- Homma A. Possas CA (2000) Leptospirose: Pesquisa Científica e Saúde Pública no Centenário do IOC e da Fiocruz. Anais do Seminário sobre Estado de Arte para Pesquisa e Desenvolvimento em Leptospirose, 10-11 Abril 2000, Rio de Janeiro, CDD:616.95, Fiocruz.
- Homma A. (1999) Gestão de Projetos Biotecnológicos. *In* Gestão Biotecnológica: alguns tópicos. Emerick C, Valle S, Costa MAF. Interciência, Rio de Janeiro.
- Homma A. (1998) Regional Overview. Global and Regional Vaccine Development Overview. *In* Intl Workshop on Vaccine Development and Production. 14-16 April 1998. Rio de Janeiro. CDD.615.372060981, Fiocruz.
- Kertz DA, Di Fabio JL, Brandileone MCC, Castañeda E, Echániz-Aviles G, Heitmann I, **Homma A**, Hortal M, Lovgren M, Ruvinsky RO, Talbot JA, Weekes J & Spika JS. (1998) The PAHO Pneumococcal Surveillance Study Group. Invasive *Streptococcus pneumoniae* infection in Latin American children: Results of the Pan American Health Organization Surveillance Study. Clinical Infectious Disease, **26(6):1355-61**.
- Homma A, Di Fabio JL & De Quadros C (1998) Los Laboratorios públicos productores de vacunas: el nuevo paradigma. Pan American Journal of Public Health, **4(4): 223-232**.

* The Oswaldo Cruz Foundation is a public institution, part of the Brazilian Ministry of Health, dealing with basic and applied research; technology and products development (vaccines, medicines and diagnostic kits), education and training at graduate level; reference services in health and medical care; health communization and information; and quality control in the health

area. More information is available in the internet which site are:
www.fiocruz.br and specific information related to Bio-Manguinhos
at: www.bio.fiocruz.br