



Dr Ali Mohammadi Short biography

Dr Mohammadi is a Professor of Medical Microbiology who has obtained Medical degree from University of Tehran as well as Master and PhD in Medical Microbiology from University College London (UCL) with major in biotechnology and genetic engineering. He has spent most of his career in combating Communicable Diseases (CD) as well as Public Health Security (PHS) either directly managing such programs or indirectly through the following activities:

On the national level:

- Managing and controlling animal and zoonotic diseases as well as Public Health Security.
 - Research, development and production of Vaccines, therapeutic sera and diagnostic antigens.
- As the president of Razi Vaccine and Serum Institute he has been managing more than 1500 personnel including 255 scientists and 480 experts and production of more than 67 biological products with annual production of 2.8 Billion doses.

He was also responsible for research and production of the first Avian Influenza vaccine in the Middle East.

- Development and implementation of a 5 year institutional master plan for GMP and GLP including laboratory biosafety
- Development of Terms of Reference for the institutional biosafety committee and biosafety officer followed by establishment of the committee
- Implementation of biosafety principles and practices in most of laboratories during the five year plan
- Development of laboratory biosafety curriculum for MSc and PhD courses on biotechnology
- Teaching laboratory biosafety for 3 years

As the director of Environmental Damage assessment, he was responsible for managing 18 projects with 21 Million USD, funded by the United Nation Compensation Committee (UNCC) 1998-2002

On the international level:

Dr Mohammadi has been involved in development and negotiations of three United Nations Conventions namely:

- Biological Weapons Convention(BWC)
- Chemical Weapons Convention(CWC)
- Convention on Biological Diversity (CBD) Biosafety protocol

During the negotiations on Biological Weapons Convention in the United Nations, Geneva, he has been acting as the Vice-chairman of the UN AD HOC Group for negotiations on destruction and prohibition of Biological Weapons and Friend of the Chair of one important part of the negotiation i.e. Definitions of Terms and Objective Criteria such as list of biological agents and

toxins, dual use equipment and threshold quantities for more than ten years.

He was also involved in negotiations on CWC in Geneva and The Hague as well as a member of Scientific Advisory Board (SAB)

Regarding CBD, while he was the director of the Department of Environmental Damage Assessment, was also involved in negotiations of development of the protocol of Access and Benefit Sharing ABS for genetic resources as Chairman of the Group of 77+China in Bonn, Germany

Because of successful operation of these tasks, Dr Mohammadi was then nominated to receive the **Golden Medal and Charter of Humanism** by International League of Humanists, Philadelphia, USA, which was presented to him in Sarajevo, Bosnia in 1998.

Dr Mohammadi has also been the founder and President of several scientific and specialized associations and civil societies on the national and international level.

He has 28 publications, 18 research projects and 3 books on human and animal diseases, vaccine development, environmental protection, biosafety and biosecurity and implementation of BWC.

Activities in the World Health Organization (WHO), Geneva:

- Managing vaccine research and discovery proposals and projects for neglected diseases from different institutions in WHO Member States.
- Contribution to development of GLP guideline in TDR, 2004 and WHO laboratory Biosecurity Guidance first edition 2007
- Organizing 48 international and regional workshops for vaccine research and control as well as awareness raising workshops and training courses on Laboratory Biosafety and Biosecurity in different WHO regions
- Presentation in more than 128 international conferences on vaccine technology, GMP, Biological Risk Management (BRM), bioterrorism, health security, laboratory biosafety and biosecurity
- Interaction with other WHO programs such as TDR, Polio and Global Influenza Programs for development of biosafety guidelines and preparedness assessment missions
- Representing WHO in different organizations and meetings such as UNBWC, INTERPOL and ICLS
- Founding member and member of the Steering Committee of Biosafety and Biosecurity International Consortium BBIC in the MENA region
- Member of the expert team of Interpol train the trainers program on prevention of Bioterrorism since 2006.
- Member of the Steering committee of Biosafety and Biosecurity in the Middle East and North Africa (MENA) region since 2007 up to now
- Reviewer of scientific articles for Elsevier, Nature and member of Editorial office of Journal of Frontiers in Biotechnology and Bioengineering.
- Dr Mohammadi's last position in WHO was the Coordinator of Laboratory Alliance and Biosafety. He was also the project manager for two important projects with the budget of 2.8 M USD funded by the European Union under WHO-EU joint Action on Regional and National Capacity Building on Public Health and Biological Risk Management.

Dr Mohammadi left WHO in 2010 and now acts as an international Consultant on public health and biorisk management.

He has then developed a laboratory guideline on biosafety and biosecurity for WHO/TDR which

is under publication.

He had also several consulting contracts with WHO for organizing training workshops and development a laboratory guideline on Biological Risk Management

He is also the founder and President of a NGO named, Global Health and Security Consultants (GHSC), www.global-consultant.org

Awards:

- 1. Golden Medal and Charter of Humanism from the Permanent Committee of the International League of Humanists, Philadelphia during the World Congress of humanists Unity in Sarajevo, Bosnia -Herzegovina**
- 2. -Award from H.E. President of I. R. Iran as the Top General Director for self-sufficiency in vaccine production in 1998**
- 3. Award from H.E. President of Iran as the Top Director of Research Institutions in 1999**
4. -Award to from Minister of Agriculture as the "Top General Director" for self-sufficiency in vaccine production in 1999
5. -Award from Minister of Agriculture as "Top President" among research institutes of Iran in 1995.
6. -Award from Ministry of Agriculture for capable directing the National Festival of Agriculture in 1995.
7. -Award from Ministry of Health for substantial increase and self-sufficiency in production of **polio vaccine** in 1995.
8. -Award from "Deputy Minister of Agriculture in Research and Education for successful implementation of environmental damage assessment projects in 1997
9. -Award from Ministry of Science and Technology for successful development of New Castle and Avian Influenza Vaccine
- 10. Appreciation Charter from the Director General of WHO for nine years services in WHO as a professional expert**

Publications

Dr Mohammadi has written 28 research articles and 3 books on vaccine development, public health security and biological risk management as well.