

BRIEF BIODATA



Dr Ousmane Kane

Dr Ousmane Kane is a graduate of the Universities of Dakar (now Cheikh Anta Diop) and Paul Sabatier of Toulouse. He holds a doctorate in Applied Plant Physiology from Pierre and Marie Curie University in Paris and a Ph.D. in Food Science and Technology from Laval University in Quebec City, Quebec, Canada, as laureate of the United Nations University (UNU, Tokyo, Japan).

He started his career as a researcher, then Director General of the Institute of Food Technology (ITA) of Senegal. He then, for 23 years, successively held the positions of Deputy Executive Director and then Executive Director of the African Regional Centre for Technology (ARCT).

Dr. Kane conducted Research programs in applied plant physiology and biotechnology, in particular on harvesting, packaging, storage and processing of fruit and vegetables in the *Institute of Food Technology (ITA) - Dakar, Senegal* and in other research centers, such as the *National Scientific Research Centre (CNRS), Meudon-Bellevue - France*; - *Pierre and Marie CURIE University - Paris France*; *University LAVAL, Quebec City, Quebec, Canada*; - *Agriculture Canada Station, London, Ontario, Canada*. He served as associate Professor (1980-81) of the LAVAL University (UL) of Quebec and of the Center for Research in Sciences Applied to Food (CRESALA) of the Armand FRAPPIER Institute (IAF) of the University of Quebec in Montreal (UQAM), Canada.

He has published several articles in reputable scientific journals such as *Plant Physiology, Food Technology, Journal of Food Science, Elsevier, etc.* . He also produced several technical papers/documents on issues related to Technology Innovation, in particular on strategies for Africa's Sustainable Development and authored Six collective books and more than 70 presentations at important international scientific events. Dr. Kane is also co-author of the chapter on Sub-Saharan Africa of the *2010 UNESCO World Science Report* and of the Guidance document "*Towards the Creation of an African Research and Innovation Council* " (ARIC) of the African Union Commission (2012). As *Lead Researcher* and editor, he conducted the *Senegal Case Study document* (2012-2014 and 2018-2019), of the Organization of Islamic Cooperation (OIC) project on the "*Atlas of Science and Innovation in the Islamic World* ".

Dr. Kane is a member of several learned societies including the French (1978) and Canadian (1981) Societies of Plant Physiology, as well as of the *New York Academy of Sciences (NYAS)*, the *National Academy of Sciences and Techniques of Senegal (ANSTS)*, the *Academy of Engineering and Technology of the Developing World (AETDEW)*. He has also served in several international bodies, including the Islamic Development Bank (IDB) Advisory Panel on Science and Technology; the UNECA Science and Technology Advisory Group (STAG); the Development Bank of Southern Africa (DBSA) Advisory Board for the *Knowledge Management Africa (KMA) Initiative*; the Faculty of the *NEPAD Initiative on Scientific and Technological Indicators* and the African Union Commission "Task Force" for the establishment of the African Research and Innovation Council (ARIC).

He has worked extensively as Consultant or Resource Person for various international organizations (e.g. AUPELF-UREF, IDB, IDRC, UNDP, UNECA, UNESCO, UNIDO, UN-OSCAL, WIPO, etc.,) and Governments (Burkina Faso, Cameroon, Guinea, Netherlands, Rwanda, Senegal, Turkish Republic of Northern Cyprus, etc.,). Among the highlights are: *i*) drafting the National STI policies for Central African Republic (2009-2010) and Mali (2010-2011) and the Rwanda National Research Policy (2012-2013) ; *ii*) Chairing Selection Committees to recruit teachers of universities in Senegal (Sine-Saloum El Hadj Ibrahima Niassé - 2016; Amadou Mahtar MBOW – 2019/2020); *iii*) Chairing the Selection Committee for the 1st (2002) and 4th (2006) editions and participating in 4 others (2004, 2005, 2007 and 2008), of the Islamic Development Bank (IDB) Prizes for Science and Technology (Jeddah, Saudi Arabia); *iv*) Chairing Jurys of six (06) editions (1995, 1997, 1999, 2012, 2015 and 2018) of the President of Senegal Republic Great Prize for the Promotion of Invention and Technological Innovation.

Dr Kane also carries out various social activities, especially for his hometown, with the Association for the Development of Podor (Founding Member and former President) and the Association for the Realization of the Islamic and Cultural Complex of Podor (Founding Member and President). He holds various honors, including: Certificate in Food and Nutrition from United Nations University (1988); Knight in the Orders of Merit (1985), of the Lion (1996) and of the Academic Palms (1997); then Officer (July 2005) and Commander (July 2017) of the National Lion Order of Senegal.