



Dr. Hassan M. Khachfe is the Academic Director and the Chair of the Nabatieh Campus Council, and the University's Director of the Center for Quality Assurance, Institutional Assessment and Scientific Research (QAIASR). Dr. Khachfe is a Professor in the Departments of Biological Sciences, Biomedical Sciences, and Biomedical Engineering at the [Lebanese International University](#).

Dr. Khachfe earned a B.S. degree in Physics ([AUB](#), 1993), a M.Sc. in Polymer Chemistry ([WSU](#), 1996), and a Ph.D. in Biophysics and Molecular Medicine ([Boston University School of Medicine](#), 2002). Dr. Khachfe's research includes the structural determination and characterization of macromolecular assemblies, the analysis of complex signals, the design of MEMS and NEMS, and the design and implementation of quality control systems. His projects focus on the enhancement of human life through understanding the molecular details of the disease-causing plasma apolipoproteins, particularly Apo B100 of the low density lipoprotein (LDL), on investigating the effect of body fat on the recording of ECG signals, on the analysis of ERP of complex EEG signals, and on the design and implementation of automated quality management, control, and assurance systems for healthcare and educational institutions. Dr. Khachfe served as the Director of the [Computational Sciences and Bioinformatics Unit](#) at the American University of Beirut, and the head of LIU's task force for QC&A. He is currently LIU's Director of the Center for Quality Assurance, Institutional Assessment and Scientific Research (QAIASR), and the Academic Director and the Chair of the Nabatieh Campus Council. Dr. Khachfe is a co-founder and current Vice President of the Lebanese Society for BioMedical Engineering. He is also a co-founder of [QualiZone](#), a spin-off venture for designing, developing, and implementing automated quality management systems (QMS). Dr. Khachfe is author of many research articles, and a reviewer and editorial board member in several scientific journals.

Dr. Khachfe has been involved in IARIA Conferences since 2012. He has served on all the Global Health (GH) Conferences from their inception as a presenter, a Technical Advisory Panel member, and more lately as a member of the Steering Group. He has chaired a number of sessions and published some ten papers with colleagues in IARIA GH conferences, winning Best Paper Award in Rome 2014 for his joint paper on "[Probing the Inflammatory Pathways Associated With Increased Levels of Oxidized LDL Through the Structural Analysis of B17](#)". He also chaired the joint Data Analytics / Global Health panel discussion in the 2014 conference in Rome.